

# Product Catalog 2020





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## About us

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ImmunoDiagnostics – the global leader in allergy and autoimmunity diagnostics.

As the ImmunoDiagnostics experts within Thermo Fisher Scientific, we work to significantly improve the management of allergy, asthma and autoimmune diseases. We do this by providing healthcare professionals with diagnostic technologies and clinical expertise. This results in better healthcare and quality of life for millions of patients and their families. For more information, please visit [www.thermoscientific.com/phadia](http://www.thermoscientific.com/phadia).

Thermo Fisher Scientific Inc. is the world leader in serving science, with annual revenue exceeding \$25 billion and more than 75,000 colleagues worldwide. Our mission is to enable our customers to make the world healthier, cleaner and safer. We help our customers accelerate life sciences research, solve complex analytical challenges, improve patient diagnostics, deliver medicines to market and increase laboratory productivity. Through our industry-leading brands, including Thermo Scientific, Applied Biosystems, Invitrogen, Fisher Scientific, Unity Lab Services and Patheon – we offer an unmatched combination of innovative technologies, purchasing convenience and comprehensive services. For more information, please visit [www.thermofisher.com](http://www.thermofisher.com).

## Allergy

### Immunoglobulin E

#### Assay categories

Phadiatop, Phadiatop Infant

Total IgE

Specific IgE

#### Relevant disease areas

Allergy, atopy

Allergy

Allergy, allergen sensitization, Molecular Allergology

### Immunoglobulin A

#### Assay categories

Specific IgA

#### Relevant disease areas

Allergy (food-sensitive enteropathies)

### Immunoglobulin G

#### Assay categories

Specific IgG

Specific IgG4

#### Relevant disease areas

Allergy, gastrointestinal disorders, immunotherapy, lung disease

Allergy, immunotherapy

### Cellular Markers (Asthma and Inflammation)

#### Assay categories

ECP

Tryptase

#### Relevant disease areas

Asthma

Allergy, anaphylaxis, hematological disorders, immunotherapy

### Autoimmunity

#### ELIA

#### Assay categories

CCP, RF

ANA / ENA, dsDNA, ssDNA

ANCA, GBM

Cardiolipin,  $\beta$ 2GPI

tTG, Gliadin, Deamidated Gliadin Peptides

Calprotectin, ASCA

anti-TPO, anti-TG, anti-TSH-R

M2

anti-IgA

Intrinsic Factor, Parietal Cell

#### Relevant disease areas

Rheumatoid arthritis

Connective tissue diseases

Vasculitis, Goodpasture syndrome

Antiphospholipid syndrome

Celiac disease

Inflammatory bowel diseases

Autoimmune thyroid diseases

Primary biliary cirrhosis

Immunodeficiency

Pernicious anemia

### ImmunoCAP Rapid

#### Assay category

Specific IgE

#### Relevant disease area

Allergy, allergen sensitization

### ImmunoCAP ISAC

#### Assay category

Specific IgE

#### Relevant disease area

Allergy, Molecular Allergology

## Overview of instruments and assays

|                                           | Phadia<br>100 | Phadia<br>200 | Phadia<br>250 | Phadia<br>1000 | Phadia<br>2500 | Phadia<br>5000 |
|-------------------------------------------|---------------|---------------|---------------|----------------|----------------|----------------|
| <b>Allergy and Asthma</b>                 |               |               |               |                |                |                |
| ImmunoCAP Total IgE                       | ✓             | ✓             | ✓             | ✓              | ✓              | ✓              |
| ImmunoCAP Total IgE Low Range             | ✓             | ✓             | ✓             | ✓              | ✓              | ✓              |
| ImmunoCAP Specific IgE                    | ✓             | ✓             | ✓             | ✓              | ✓              | ✓              |
| ImmunoCAP Phadiatop/<br>Phadiatop Infant  | ✓             | ✓             | ✓             | ✓              | ✓              | ✓              |
| ImmunoCAP Specific IgA                    | ✓             | -             | -             | -              | -              | -              |
| ImmunoCAP Specific IgG/IgG4               | ✓             | ✓*            | ✓             | ✓              | ✓              | ✓              |
| ImmunoCAP ECP                             | ✓             | ✓             | ✓             | ✓              | ✓              | ✓              |
| ImmunoCAP Tryptase                        | ✓             | ✓             | ✓             | ✓              | -              | -              |
| <b>Autoimmunity</b>                       |               |               |               |                |                |                |
| <b>EliA</b>                               |               |               |               |                |                |                |
| CCP, RF                                   | ✓             | ✓             | ✓             | -              | ✓              | ✓              |
| ANA / ENA, dsDNA, ssDNA                   | ✓             | ✓             | ✓             | -              | ✓              | ✓              |
| ANCA, GBM                                 | ✓             | ✓             | ✓             | -              | ✓              | ✓              |
| Cardiolipin, $\beta$ 2GPI                 | ✓             | ✓             | ✓             | -              | ✓              | ✓              |
| tTG, Gliadin, Deamidated Gliadin Peptides | ✓             | ✓             | ✓             | -              | ✓              | ✓              |
| Calprotectin, ASCA                        | ✓             | ✓             | ✓             | -              | ✓              | ✓              |
| anti-TPO, anti-TG                         | -             | ✓             | ✓             | -              | ✓              | ✓              |
| anti-TSH-R                                | -             | -             | ✓             | -              | ✓              | ✓              |
| M2                                        | ✓             | -             | ✓             | -              | ✓              | ✓              |
| anti-IgA                                  | ✓             | -             | ✓             | -              | -              | -              |
| Intrinsic Factor, Parietal Cell           | -             | ✓             | ✓             | -              | ✓              | ✓              |

\* except IgG4



## Total IgE

## Total IgE Low Range

ImmunoCAP Total IgE measures IgE in human serum or plasma in concentrations between 2 to 5000 kU/l. ImmunoCAP Total IgE Low Range measures IgE in human serum or plasma in concentrations between 0.1 to 100 kU/l stimulation. IgE antibodies appear as a result of sensitization to allergens and measurement of circulating total IgE provides an aid in the clinical diagnosis of IgE-mediated allergic disorders.

## Reagents Phadia 5000 / Phadia 2500 / Phadia 1000 / Phadia 250

| Product                                   | Size        | Art. No.   |
|-------------------------------------------|-------------|------------|
| ImmunoCAP Total IgE Conjugate 100         | 6 x 100     | 10-9319-01 |
| ImmunoCAP Total IgE Conjugate 400         | 6 x 400     | 10-9480-01 |
| ImmunoCAP Total IgE Calibrator Strip      | 5 x 1 curve | 10-9387-01 |
| ImmunoCAP Total IgE Curve Control Strip   | 5 x 3 pairs | 10-9325-01 |
| ImmunoCAP Total IgE Anti-IgE              | 16          | 14-4509-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent | 50 ml       | 10-9360-01 |
| System reagents, see page 46-49           |             |            |
| <b>Control</b>                            |             |            |
| ImmunoCAP Total IgE Control LMH           | 3 x 2 x 4   | 10-9447-01 |

## Reagents Phadia 200

| Product                                   | Size        | Art. No.   |
|-------------------------------------------|-------------|------------|
| ImmunoCAP Total IgE Conjugate 100         | 6 x 100     | 10-9319-01 |
| ImmunoCAP Total IgE Conjugate 400         | 6 x 400     | 10-9480-01 |
| ImmunoCAP Total IgE Calibrator Strip      | 5 x 1 curve | 10-9387-01 |
| ImmunoCAP Total IgE Curve Control Strip   | 5 x 3 pairs | 10-9325-01 |
| ImmunoCAP Total IgE Anti-IgE              | 16          | 14-4509-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent | 6 x 20 ml   | 10-9541-01 |
| System reagents, see page 50              |             |            |
| <b>Control</b>                            |             |            |
| ImmunoCAP Total IgE Control LMH           | 3 x 2 x 4   | 10-9447-01 |

## Reagents Phadia 100

| Product                                        | Size       | Art. No.   |
|------------------------------------------------|------------|------------|
| ImmunoCAP Total IgE (Conjugate, Curve Control) | 96, 4CC    | 10-9517-01 |
| ImmunoCAP Total IgE Calibrators                | 1 curve    | 10-9252-01 |
| ImmunoCAP Total IgE Curve Controls             | 3 pairs    | 10-9257-01 |
| ImmunoCAP Total IgE Anti-IgE                   | 16         | 14-4509-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent      | 6 x 3.0 ml | 10-9256-01 |
| System reagents, see page 51                   |            |            |
| <b>Control</b>                                 |            |            |
| ImmunoCAP Total IgE Control LMH                | 3 x 2 x 4  | 10-9447-01 |





**Reagents Phadia 5000 / Phadia 2500**

| Product                                    | Size        | Art. No.   |
|--------------------------------------------|-------------|------------|
| ImmunoCAP Total IgE Low Range              | 3 x 16      | 14-4497-35 |
| ImmunoCAP Specific IgE Conjugate 100       | 6 x 100     | 10-9316-01 |
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 50 ml       | 10-9360-01 |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |
| System reagents, see page 46-47            |             |            |

**Reagents Phadia 1000 / Phadia 250**

| Product                                    | Size        | Art. No.   |
|--------------------------------------------|-------------|------------|
| ImmunoCAP Total IgE Low Range              | 3 x 16      | 14-4497-35 |
| ImmunoCAP Specific IgE Conjugate 100       | 6 x 100     | 10-9316-01 |
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 50 ml       | 10-9360-01 |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |
| System reagents, see page 48-49            |             |            |

**Reagents Phadia 200**

| Product                                    | Size        | Art. No.   |
|--------------------------------------------|-------------|------------|
| ImmunoCAP Total IgE Low Range              | 3 x 16      | 14-4497-35 |
| ImmunoCAP Specific IgE Conjugate 100       | 6 x 100     | 10-9316-01 |
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 6 x 20 ml   | 10-9541-01 |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |
| System reagents, see page 50               |             |            |

**Reagents Phadia 100**

| Product                                            | Size           | Art. No.   |
|----------------------------------------------------|----------------|------------|
| ImmunoCAP Total IgE Low Range                      | 3 x 16         | 14-4497-35 |
| ImmunoCAP Specific IgE (Conjugate, Curve Controls) | 96, 2 pairs CC | 10-9462-01 |
| ImmunoCAP Specific IgE Conjugate                   | 6 x 96         | 10-9463-01 |
| ImmunoCAP Specific IgE Calibrators                 | 1 curve        | 10-9460-01 |
| ImmunoCAP Specific IgE Curve Controls              | 3 pairs        | 10-9408-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent          | 6 x 3.0 ml     | 10-9256-01 |
| ImmunoCAP Specific IgE Anti-IgE                    | 16             | 14-4417-01 |
| System reagents, see page 51                       |                |            |

## Specific IgE

ImmunoCAP Specific IgE provides an objective measurement of the circulating IgE antibodies and the sensitization to a specific allergen. Specific IgE antibodies appear as a result of exposure and following sensitization to an allergen. ImmunoCAP Specific IgE measure IgE antibodies to specific allergens in human serum or plasma and allows quantitative measurements of a wide range of individual allergens and allergen components. Over 650 different allergens and allergen mixes are available for determinations.

### Reagents Phadia 5000 / Phadia 2500

| Product                                    | Size        | Art. No.   |
|--------------------------------------------|-------------|------------|
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 50 ml       | 10-9360-01 |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |
| System reagents, see page 46-47            |             |            |
| <b>Controls</b>                            |             |            |
| ImmunoCAP Specific IgE Negative Control    | 6 x 4       | 10-9445-01 |
| ImmunoCAP Specific IgE Control L           | 6 x 4       | 10-9528-01 |
| ImmunoCAP Specific IgE Control M           | 6 x 4       | 10-9529-01 |
| ImmunoCAP Specific IgE Control H           | 6 x 4       | 10-9530-01 |

### Reagents Phadia 1000 / Phadia 250

| Product                                    | Size        | Art. No.   |
|--------------------------------------------|-------------|------------|
| ImmunoCAP Specific IgE Conjugate 100       | 6 x 100     | 10-9316-01 |
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 50 ml       | 10-9360-01 |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |
| System reagents, see page 48-49            |             |            |
| <b>Controls</b>                            |             |            |
| ImmunoCAP Specific IgE Negative Control    | 6 x 4       | 10-9445-01 |
| ImmunoCAP Specific IgE Control L           | 6 x 4       | 10-9528-01 |
| ImmunoCAP Specific IgE Control M           | 6 x 4       | 10-9529-01 |
| ImmunoCAP Specific IgE Control H           | 6 x 4       | 10-9530-01 |

### Reagents Phadia 200

| Product                                    | Size        | Art. No.   |
|--------------------------------------------|-------------|------------|
| ImmunoCAP Specific IgE Conjugate 100       | 6 x 100     | 10-9316-01 |
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 6 x 20 ml   | 10-9541-01 |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |
| System reagents, see page 50               |             |            |
| <b>Controls</b>                            |             |            |
| ImmunoCAP Specific IgE Negative Control    | 6 x 4       | 10-9445-01 |
| ImmunoCAP Specific IgE Control L           | 6 x 4       | 10-9528-01 |
| ImmunoCAP Specific IgE Control M           | 6 x 4       | 10-9529-01 |
| ImmunoCAP Specific IgE Control H           | 6 x 4       | 10-9530-01 |

### Reagents Phadia 100

| Product                                            | Size           | Art. No.   |
|----------------------------------------------------|----------------|------------|
| ImmunoCAP Specific IgE (Conjugate, Curve Controls) | 96, 2 pairs CC | 10-9462-01 |
| ImmunoCAP Specific IgE Conjugate                   | 6 x 96         | 10-9463-01 |
| ImmunoCAP Specific IgE Calibrators                 | 1 curve        | 10-9460-01 |
| ImmunoCAP Specific IgE Curve Controls              | 3 pairs        | 10-9408-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent          | 6 x 3.0 ml     | 10-9256-01 |
| ImmunoCAP Specific IgE Anti-IgE                    | 16             | 14-4417-01 |
| System reagents, see page 51                       |                |            |
| <b>Controls</b>                                    |                |            |
| ImmunoCAP Specific IgE Negative Control            | 6 x 4          | 10-9445-01 |
| ImmunoCAP Specific IgE Control L                   | 6 x 4          | 10-9528-01 |
| ImmunoCAP Specific IgE Control M                   | 6 x 4          | 10-9529-01 |
| ImmunoCAP Specific IgE Control H                   | 6 x 4          | 10-9530-01 |

ImmunoCAP Allergens, see pages 19-32

## Phadiatop Phadiatop Infant

Phadiatop and Phadiatop Infant are initial, qualitative tests useful for identifying patients with a high likelihood of an allergic disease (so called atopic individuals). Phadiatop and Phadiatop Infant utilize balanced mixtures of relevant allergens, often implicated in causing allergic diseases in adults and in young children, respectively.

Reference: Williams PB, *et al.* Ann Allergy Asthma Immunol. 2001;86:196-202.

### Reagents Phadia 5000 / Phadia 2500

| Product                                    | Size        | Art. No.   | Barcode |
|--------------------------------------------|-------------|------------|---------|
| ImmunoCAP Phadiatop                        | 3 x 16      | 14-4405-35 | 610     |
| ImmunoCAP Phadiatop Infant                 | 3 x 16      | 14-4510-35 | BGZ     |
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |         |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |         |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |         |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 50 ml       | 10-9360-01 |         |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |         |
| System reagents, see page 46-47            |             |            |         |

### Reagents Phadia 1000 / Phadia 250

| Product                                    | Size        | Art. No.   | Barcode |
|--------------------------------------------|-------------|------------|---------|
| ImmunoCAP Phadiatop                        | 3 x 16      | 14-4405-35 | 610     |
| ImmunoCAP Phadiatop Infant                 | 3 x 16      | 14-4510-35 | BGZ     |
| ImmunoCAP Specific IgE Conjugate 100       | 6 x 100     | 10-9316-01 |         |
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |         |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |         |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |         |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 50 ml       | 10-9360-01 |         |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |         |
| System reagents, see page 48-49            |             |            |         |

### Reagents Phadia 200

| Product                                    | Size        | Art. No.   | Barcode |
|--------------------------------------------|-------------|------------|---------|
| ImmunoCAP Phadiatop                        | 3 x 16      | 14-4405-35 | 610     |
| ImmunoCAP Phadiatop Infant                 | 3 x 16      | 14-4510-35 | BGZ     |
| ImmunoCAP Specific IgE Conjugate 100       | 6 x 100     | 10-9316-01 |         |
| ImmunoCAP Specific IgE Conjugate 400       | 6 x 400     | 10-9310-01 |         |
| ImmunoCAP Specific IgE Calibrator Strip    | 5 x 1 curve | 10-9459-01 |         |
| ImmunoCAP Specific IgE Curve Control Strip | 5 x 3 pairs | 10-9312-01 |         |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent  | 6 x 20 ml   | 10-9541-01 |         |
| ImmunoCAP Specific IgE Anti-IgE            | 16          | 14-4417-01 |         |
| System reagents, see page 50               |             |            |         |

### Reagents Phadia 100

| Product                                            | Size           | Art. No.   | Barcode |
|----------------------------------------------------|----------------|------------|---------|
| ImmunoCAP Phadiatop                                | 3 x 16         | 14-4405-35 | 610     |
| ImmunoCAP Phadiatop Infant                         | 3 x 16         | 14-4510-35 | BGZ     |
| ImmunoCAP Specific IgE (Conjugate, Curve Controls) | 96, 2 pairs CC | 10-9462-01 |         |
| ImmunoCAP Specific IgE Conjugate                   | 6 x 96         | 10-9463-01 |         |
| ImmunoCAP Specific IgE Calibrators                 | 1 curve        | 10-9460-01 |         |
| ImmunoCAP Specific IgE Curve Controls              | 3 pairs        | 10-9408-01 |         |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent          | 6 x 3.0 ml     | 10-9256-01 |         |
| ImmunoCAP Specific IgE Anti-IgE                    | 16             | 14-4417-01 |         |
| System reagents, see page 51                       |                |            |         |

## Specific IgG

ImmunoCAP Specific IgG measures antigen-specific IgG antibodies in human serum and plasma. Measurements of specific IgG antibodies have been used in clinical studies of different allergic diseases, gastrointestinal disorders and in various lung diseases. Tests for specific IgG antibodies may be useful to investigate the immune response in patients exposed to antigens either through natural exposure or therapeutic interventions.

### Reagents Phadia 5000 / Phadia 2500 / Phadia 1000 / Phadia 250

| Product                                    | Size      | Art. No.   |
|--------------------------------------------|-----------|------------|
| ImmunoCAP Specific IgG Conjugate 50        | 2 x 50    | 10-9318-01 |
| ImmunoCAP Specific IgG Calibrator Strip    | 1 curve   | 10-9327-01 |
| ImmunoCAP Specific IgG Curve Control Strip | 3 pairs   | 10-9349-01 |
| ImmunoCAP IgA/IgG Calibrator ImmunoCAP     | 16        | 14-4424-01 |
| ImmunoCAP Specific IgA/IgG Sample Diluent  | 6 x 50 ml | 10-9361-01 |
| System reagents, see page 46-49            |           |            |
| <b>Controls</b>                            |           |            |
| ImmunoCAP Specific IgG/IgG4 Control L      | 6 x 4     | 10-9473-01 |
| ImmunoCAP Specific IgG/IgG4 i1 Control H   | 6 x 4     | 10-9475-01 |
| ImmunoCAP Specific IgG m3 Control H        | 6 x 4     | 10-9500-01 |

### Reagents Phadia 200

| Product                                    | Size      | Art. No.   |
|--------------------------------------------|-----------|------------|
| ImmunoCAP Specific IgG Conjugate 50        | 2 x 50    | 10-9318-01 |
| ImmunoCAP Specific IgG Calibrator Strip    | 1 curve   | 10-9327-01 |
| ImmunoCAP Specific IgG Curve Control Strip | 3 pairs   | 10-9349-01 |
| ImmunoCAP IgA/IgG Calibrator ImmunoCAP     | 16        | 14-4424-01 |
| ImmunoCAP Specific IgG Sample Diluent      | 6 x 20 ml | 10-9542-01 |
| System reagents, see page 50               |           |            |
| <b>Controls</b>                            |           |            |
| ImmunoCAP Specific IgG/IgG4 Control L      | 6 x 4     | 10-9473-01 |
| ImmunoCAP Specific IgG/IgG4 i1 Control H   | 6 x 4     | 10-9475-01 |
| ImmunoCAP Specific IgG m3 Control H        | 6 x 4     | 10-9500-01 |

### Reagents Phadia 100

| Product                                   | Size      | Art. No.   |
|-------------------------------------------|-----------|------------|
| ImmunoCAP Specific IgG Conjugate          | 2 x 48    | 10-9455-01 |
| ImmunoCAP Specific IgG Calibrators        | 1 curve   | 10-9305-01 |
| ImmunoCAP Specific IgG Curve Controls     | 3 pairs   | 10-9333-01 |
| ImmunoCAP IgA/IgG Calibrator ImmunoCAP    | 16        | 14-4424-01 |
| ImmunoCAP Specific IgA/IgG Sample Diluent | 6 x 10 ml | 10-9498-01 |
| System reagents, see page 51              |           |            |
| <b>Controls</b>                           |           |            |
| ImmunoCAP Specific IgG/IgG4 Control L     | 6 x 4     | 10-9473-01 |
| ImmunoCAP Specific IgG/IgG4 i1 Control H  | 6 x 4     | 10-9475-01 |
| ImmunoCAP Specific IgG m3 Control H       | 6 x 4     | 10-9500-01 |

ImmunoCAP Antigens, see page 33

ImmunoCAP Allergens, see page 19-32



## Specific IgG4

ImmunoCAP Specific IgG4 measures antigen-specific IgG4 antibodies in human serum and plasma. Measurements of specific IgG and/or specific IgG4 antibodies have been used in clinical studies of many different allergic diseases including: asthma, rhinitis, urticaria, eczema and gastrointestinal disorders. Increased concentrations of specific IgG4 antibodies are typically observed in patients treated with allergen immunotherapy, including immunotherapy with inhalant aeroallergens and hymenoptera venoms, where IgG and IgG4 antibodies are biomarkers of antigen exposure.

Reference: Eifan AO, *et al.* Curr Opin Allergy Clin Immunol. 2011;11(6):586-93.  
Ozdemir C, *et al.* Clin Exp Allergy. 2011;41(9):1226-34.

## Reagents Phadia 5000 / Phadia 2500 / Phadia 1000 / Phadia 250

| Product                                     | Size      | Art. No.   |
|---------------------------------------------|-----------|------------|
| ImmunoCAP Specific IgG4 Conjugate 50        | 2 x 50    | 10-9481-01 |
| ImmunoCAP Specific IgG4 Calibrator Strip    | 1 curve   | 10-9482-01 |
| ImmunoCAP Specific IgG4 Curve Control Strip | 3 pairs   | 10-9483-01 |
| ImmunoCAP IgA/IgG Calibrator ImmunoCAP      | 16        | 14-4424-01 |
| ImmunoCAP Specific IgA/IgG Sample Diluent   | 6 x 50 ml | 10-9361-01 |
| System reagents, see page 46-49             |           |            |
| <b>Controls</b>                             |           |            |
| ImmunoCAP Specific IgG/IgG4 Control L       | 6 x 4     | 10-9473-01 |
| ImmunoCAP Specific IgG/IgG4 i1 Control H    | 6 x 4     | 10-9475-01 |
| <b>Allergens</b>                            |           |            |
| ImmunoCAP Allergens, see page 19-32         |           |            |

## Reagents Phadia 100

| Product                                   | Size      | Art. No.   |
|-------------------------------------------|-----------|------------|
| ImmunoCAP Specific IgG4 Conjugate         | 48        | 10-9465-01 |
| ImmunoCAP Specific IgG4 Calibrators       | 1 curve   | 10-9466-01 |
| ImmunoCAP Specific IgG4 Curve Controls    | 3 pairs   | 10-9467-01 |
| ImmunoCAP IgA/IgG Calibrator ImmunoCAP    | 16        | 14-4424-01 |
| ImmunoCAP Specific IgA/IgG Sample Diluent | 6 x 10 ml | 10-9498-01 |
| System reagents, see page 51              |           |            |
| <b>Controls</b>                           |           |            |
| ImmunoCAP Specific IgG/IgG4 Control L     | 6 x 4     | 10-9473-01 |
| ImmunoCAP Specific IgG/IgG4 i1 Control H  | 6 x 4     | 10-9475-01 |
| <b>Allergens</b>                          |           |            |
| ImmunoCAP Allergens, see page 19-32       |           |            |



Please note that all products are not available in all countries. The article number's two digit suffix (-01) may vary between countries.



**Specific IgA**

ImmunoCAP Specific IgA measures allergen-specific IgA antibodies in human serum and plasma.

**Reagents Phadia 100**

| Product                                   | Code | Size      | Art. No.   | Barcode |
|-------------------------------------------|------|-----------|------------|---------|
| ImmunoCAP Specific IgA Conjugate          |      | 48        | 10-9458-01 |         |
| ImmunoCAP Specific IgA Calibrators        |      | 1 curve   | 10-9304-01 |         |
| ImmunoCAP Specific IgA Curve Controls     |      | 3 pairs   | 10-9308-01 |         |
| ImmunoCAP IgA/IgG Calibrator ImmunoCAP    |      | 16        | 14-4424-01 |         |
| ImmunoCAP Specific IgA/IgG Sample Diluent |      | 6 x 10 ml | 10-9498-01 |         |
| System reagents, see page 51              |      |           |            |         |

**Allergens**

ImmunoCAP Allergens, see page 19-32

**Controls**

|                                     | Code  | Size        | Art. No.   | Barcode |
|-------------------------------------|-------|-------------|------------|---------|
| ImmunoCAP Gliadin IgA/IgG           | AGf98 | 3 x 16      | 14-4425-35 | 882     |
| ImmunoCAP Gliadin IgA/IgG Control L |       | 6 x 4 doses | 10-9484-01 |         |
| ImmunoCAP Gliadin IgA Control H     |       | 6 x 4 doses | 10-9485-01 |         |



Please note that all products are not available in all countries. The article number's two digit suffix (-01) may vary between countries.

**ECP**

ImmunoCAP ECP measures the level of Eosinophil Cationic Protein (ECP) in serum. ECP is a highly cytotoxic protein found in eosinophil granules. Eosinophils are cells chiefly responsible for producing the inflammation characteristic of asthma. When eosinophils in the airway are activated, they undergo degranulation causing airway epithelial damage and desquamation. This can increase hypersensitivity and lead to chronic inflammatory disease of the airway. ECP is released from the activated eosinophils during the inflammation process.

Reference: Koh GC, *et al.* Respir Med. 2007;101:696-705.

**Reagents Phadia 5000 / Phadia 2500 / Phadia 1000 / Phadia 250**

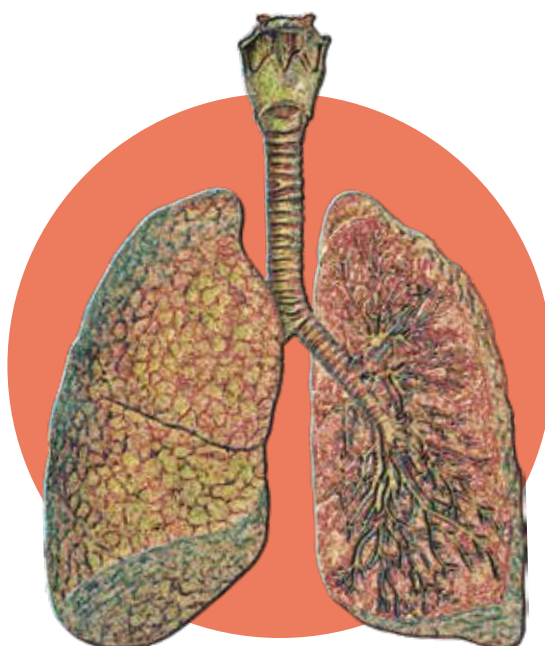
| Product                                   | Size       | Art. No.   |
|-------------------------------------------|------------|------------|
| ImmunoCAP ECP Conjugate 50                | 2 x 50     | 10-9321-01 |
| ImmunoCAP ECP Calibrator Strip            | 1 curve    | 10-9345-01 |
| ImmunoCAP ECP Curve Control Strip         | 6 x 1 CC   | 10-9352-01 |
| ImmunoCAP ECP Anti-ECP                    | 16         | 14-4515-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent | 50 ml      | 10-9360-01 |
| System reagents, see page 46-49           |            |            |
| <b>Control</b>                            |            |            |
| ImmunoCAP ECP Control                     | 6 x 0.5 ml | 10-9269-01 |

**Reagents Phadia 200**

| Product                                   | Size       | Art. No.   |
|-------------------------------------------|------------|------------|
| ImmunoCAP ECP Conjugate 50                | 2 x 50     | 10-9321-01 |
| ImmunoCAP ECP Calibrator Strip            | 1 curve    | 10-9345-01 |
| ImmunoCAP ECP Curve Control Strip         | 6 x 1 CC   | 10-9352-01 |
| ImmunoCAP ECP Anti-ECP                    | 16         | 14-4515-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent | 6 x 20 ml  | 10-9541-01 |
| System reagents, see page 50              |            |            |
| <b>Control</b>                            |            |            |
| ImmunoCAP ECP Control                     | 6 x 0.5 ml | 10-9269-01 |

**Reagents Phadia 100**

| Product                                   | Size       | Art. No.   |
|-------------------------------------------|------------|------------|
| ImmunoCAP ECP (Conjugate, Curve Control)  | 48, 4CC    | 10-9520-01 |
| ImmunoCAP ECP Calibrators                 | 1 curve    | 10-9260-01 |
| ImmunoCAP ECP Curve Control               | 6 vials    | 10-9278-01 |
| ImmunoCAP ECP Anti-ECP                    | 16         | 14-4515-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent | 6 x 3.0 ml | 10-9256-01 |
| System reagents, see page 51              |            |            |
| <b>Control</b>                            |            |            |
| ImmunoCAP ECP Control                     | 6 x 0.5 ml | 10-9269-01 |



## Tryptase

ImmunoCAP Tryptase measures the total level of both alpha-tryptase and beta-tryptase in serum or plasma. Mature beta-tryptase, stored in granula, is only released during mast cell activation. The transiently increased levels serve as a clinical marker confirming severe reactions as anaphylaxis. The continuous release of tryptase reflects the number of mast cells. Elevated levels serve as a biologic marker for certain sensitized patients to get into severe anaphylactic reactions, e.g. after bee/wasp sting or introduction of drugs. Pathological levels of tryptase reflect the increased mast cell burden (mastocytosis) in several haematological disorders.

Reference: Schwartz LB. Immunol Allergy Clin N Am. 2006;26:451-63.

## Reagents Phadia 1000 / Phadia 250

| Product                                   | Size       | Art. No.   |
|-------------------------------------------|------------|------------|
| ImmunoCAP Tryptase Conjugate 50           | 2 x 50     | 10-9522-01 |
| ImmunoCAP Tryptase Calibrator Strip       | 1 curve    | 10-9523-01 |
| ImmunoCAP Tryptase Curve Control Strip    | 6 x 1 CC   | 10-9524-01 |
| ImmunoCAP Tryptase Anti-Tryptase          | 16         | 14-4518-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent | 50 ml      | 10-9360-01 |
| System reagents, see page 48-49           |            |            |
| <b>Control</b>                            |            |            |
| ImmunoCAP Tryptase Control                | 6 x 0.5 ml | 10-9370-01 |

## Reagents Phadia 200

| Product                                   | Size       | Art. No.   |
|-------------------------------------------|------------|------------|
| ImmunoCAP Tryptase Conjugate 50           | 2 x 50     | 10-9522-01 |
| ImmunoCAP Tryptase Calibrator Strip       | 1 curve    | 10-9523-01 |
| ImmunoCAP Tryptase Curve Control Strip    | 6 x 1 CC   | 10-9524-01 |
| ImmunoCAP Tryptase Anti-Tryptase          | 16         | 14-4518-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent | 6 x 20 ml  | 10-9541-01 |
| System reagents, see page 50              |            |            |
| <b>Control</b>                            |            |            |
| ImmunoCAP Tryptase Control                | 6 x 0.5 ml | 10-9370-01 |

## Reagents Phadia 100

| Product                                       | Size       | Art. No.   |
|-----------------------------------------------|------------|------------|
| ImmunoCAP Tryptase (Conjugate, Curve Control) | 48, 4CC    | 10-9525-01 |
| ImmunoCAP Tryptase Calibrators                | 1 curve    | 10-9526-01 |
| ImmunoCAP Tryptase Curve Control              | 6 vials    | 10-9527-01 |
| ImmunoCAP Tryptase Anti-Tryptase              | 16         | 14-4518-01 |
| ImmunoCAP IgE/ECP/Tryptase Sample Diluent     | 6 x 3.0 ml | 10-9256-01 |
| System reagents, see page 51                  |            |            |
| <b>Control</b>                                |            |            |
| ImmunoCAP Tryptase Control                    | 6 x 0.5 ml | 10-9370-01 |





## Allergen components

ImmunoCAP Allergen Components measure specific IgE antibodies to individual molecular allergens in serum or plasma. These allergens, which are purified or recombinant proteins, offer the unique opportunity to assess a person's allergic sensitization pattern at the molecular level. Different component groups often elicit different types of reactions, so testing them can indicate if a patient's prior symptoms or positive test results were caused by allergy to a given substance or by a cross-reaction with another allergen. Component testing also helps the clinician weigh a patient's risk of a systemic reaction versus a more mild or localized response.

Reference: Canonica GW, et al. World Allergy Organ J. 2013;6:17.

### Allergen components, native and recombinant

| Product description                        |                                             | Code | Size | Art. No.   | Barcode |
|--------------------------------------------|---------------------------------------------|------|------|------------|---------|
| <b>Grass pollens</b>                       |                                             |      |      |            |         |
| nCyn d 1 Bermuda grass                     | <i>Cynodon dactylon</i>                     | g216 | 10   | 14-4972-01 | CFA     |
| rPhl p 1 Timothy                           | <i>Phleum pratense</i>                      | g205 | 10   | 14-5234-01 | BSU     |
| rPhl p 2 Timothy                           | <i>Phleum pratense</i>                      | g206 | 10   | 14-5235-01 | COK     |
| nPhl p 4 Timothy                           | <i>Phleum pratense</i>                      | g208 | 10   | 14-5288-01 | COL     |
| rPhl p 5b Timothy                          | <i>Phleum pratense</i>                      | g215 | 10   | 14-5338-01 | BV3     |
| rPhl p 6 Timothy                           | <i>Phleum pratense</i>                      | g209 | 10   | 14-5289-01 | BSV     |
| rPhl p 7 Timothy                           | <i>Phleum pratense</i>                      | g210 | 10   | 14-5290-01 | BSW     |
| rPhl p 11 Timothy                          | <i>Phleum pratense</i>                      | g211 | 10   | 14-5291-01 | BSX     |
| rPhl p 12 Profilin, Timothy                | <i>Phleum pratense</i>                      | g212 | 10   | 14-5292-01 | BSY     |
| rPhl p 1, rPhl p 5b Timothy                | <i>Phleum pratense</i>                      | g213 | 10   | 14-5312-01 | BU1     |
| rPhl p 7, rPhl p 12 Timothy                | <i>Phleum pratense</i>                      | g214 | 10   | 14-5313-01 | BU2     |
| <b>Weed pollens</b>                        |                                             |      |      |            |         |
| nAmb a 1 Ragweed                           | <i>Ambrosia artemisiifolia</i> (A. elatior) | w230 | 10   | 14-4969-01 | CF8     |
| nArt v 1 Mugwort                           | <i>Artemisia vulgaris</i>                   | w231 | 10   | 14-4970-01 | CF9     |
| nArt v 3 LTP, Mugwort                      | <i>Artemisia vulgaris</i>                   | w233 | 10   | 14-4983-01 | CJ2     |
| rPar j 2 LPT, Wall pellitory               | <i>Parietaria judaica</i>                   | w211 | 10   | 14-5311-01 | C2M     |
| rPla l 1 Plantain                          | <i>Plantago lanceolata</i>                  | w234 | 10   | 14-5751-01 | D1H     |
| nSal k 1 Saltwort                          | <i>Salsola kali</i>                         | w232 | 10   | 14-4978-01 | CFE     |
| <b>Tree pollens</b>                        |                                             |      |      |            |         |
| rBet v 1 PR-10, Birch                      | <i>Betula verrucosa</i>                     | t215 | 10   | 14-5225-01 | BPV     |
| rBet v 2 Profilin, Birch                   | <i>Betula verrucosa</i>                     | t216 | 10   | 14-5226-01 | BR1     |
| rBet v 4 Birch                             | <i>Betula verrucosa</i>                     | t220 | 10   | 14-5287-01 | BT7     |
| rBet v 6 Birch                             | <i>Betula verrucosa</i>                     | t225 | 10   | 14-5345-01 | CF1     |
| rBet v 2, rBet v 4 Birch                   | <i>Betula verrucosa</i>                     | t221 | 10   | 14-5310-01 | BU0     |
| nCup a 1 Cypress                           | <i>Cupressus arizonica</i>                  | t226 | 10   | 14-4977-01 | CFD     |
| rOle e 1 Olive                             | <i>Olea europaea</i>                        | t224 | 10   | 14-5705-01 | CTC     |
| nOle e 7 LTP, Olive                        | <i>Olea europaea</i>                        | t227 | 10   | 14-4993-01 | CKT     |
| rOle e 9, Olive                            | <i>Olea europaea</i>                        | t240 | 10   | 14-4999-01 | CTZ     |
| rPla a 1 Maple leaf sycamore, London plane | <i>Platanus acerifolia</i>                  | t241 | 10   | 14-5957-01 | D2H     |
| <b>Microorganisms</b>                      |                                             |      |      |            |         |
| rAlt a 1                                   | <i>Alternaria alternata</i>                 | m229 | 10   | 14-5346-01 | CE0     |
| rAsp f 1                                   | <i>Aspergillus fumigatus</i>                | m218 | 10   | 14-5293-01 | BPL     |
| rAsp f 2                                   | <i>Aspergillus fumigatus</i>                | m219 | 10   | 14-5294-01 | BPM     |
| rAsp f 3                                   | <i>Aspergillus fumigatus</i>                | m220 | 10   | 14-5295-01 | BT4     |
| rAsp f 4                                   | <i>Aspergillus fumigatus</i>                | m221 | 10   | 14-5296-01 | BPN     |
| rAsp f 6                                   | <i>Aspergillus fumigatus</i>                | m222 | 10   | 14-5297-01 | BPP     |
| <b>Epidermals and animal proteins</b>      |                                             |      |      |            |         |
| nBos d 6 BSA, Cow                          | <i>Bos spp.</i>                             | e204 | 10   | 14-5009-01 | BRV     |
| rCan f 1 Dog                               | <i>Canis familiaris</i>                     | e101 | 10   | 14-4955-01 | CBN     |
| rCan f 2 Dog                               | <i>Canis familiaris</i>                     | e102 | 10   | 14-4956-01 | CBP     |
| nCan f 3 Dog serum albumin                 | <i>Canis familiaris</i>                     | e221 | 10   | 14-5241-01 | C14     |
| rCan f 4 Dog                               | <i>Canis familiaris</i>                     | e229 | 10   | 14-5755-01 | CZY     |
| rCan f 5 Dog                               | <i>Canis familiaris</i>                     | e226 | 10   | 14-4998-01 | CMZ     |
| rCan f 6 Dog                               | <i>Canis familiaris</i>                     | e230 | 10   | 14-6081-01 | E2X     |
| rFel d 1 Cat                               | <i>Felis domesticus</i>                     | e94  | 10   | 14-4905-01 | BY0     |
| rFel d 2 Cat serum albumin                 | <i>Felis domesticus</i>                     | e220 | 10   | 14-5240-01 | BRX     |
| rFel d 4 Cat                               | <i>Felis domesticus</i>                     | e228 | 10   | 14-5702-01 | CT9     |
| rFel d 7 Cat                               | <i>Felis domesticus</i>                     | e231 | 10   | 14-6082-01 | E2Y     |
| rEqu c 1 Horse                             | <i>Equus caballus</i>                       | e227 | 10   | 14-5700-01 | CN7     |
| nSus s Pig serum albumin, Swine            | <i>Sus scrofa</i>                           | e222 | 10   | 14-5242-01 | C36     |
| <b>Mites</b>                               |                                             |      |      |            |         |
| rDer p 1 House dust mite                   | <i>Dermatophagoides Pteronyssinus</i>       | d202 | 10   | 14-5996-01 | DP4     |
| rDer p 2 House dust mite                   | <i>Dermatophagoides Pteronyssinus</i>       | d203 | 10   | 14-4967-01 | CG2     |
| rDer p 10 Tropomyosin, House dust mite     | <i>Dermatophagoides Pteronyssinus</i>       | d205 | 10   | 14-4985-01 | CG5     |
| rDer p 23 House dust mite                  | <i>Dermatophagoides Pteronyssinus</i>       | d209 | 10   | 14-6040-01 | DWU     |

## Allergen components, native and recombinant, cont'd

| Product description                                  |                               | Code | Size | Art. No.   | Barcode |
|------------------------------------------------------|-------------------------------|------|------|------------|---------|
| <b>Venoms</b>                                        |                               |      |      |            |         |
| rApi m 1 Phospholipase A2, Honey bee                 | <i>Apis mellifera</i>         | i208 | 10   | 14-4987-01 | CJ7     |
| rApi m 2 Hyaluronidase, Honey bee                    | <i>Apis mellifera</i>         | i214 | 10   | 14-6014-01 | DUD     |
| rApi m 3, Acid phosphatase, Honey bee                | <i>Apis mellifera</i>         | i215 | 10   | 14-6015-01 | DUC     |
| rApi m 5 Dipeptidyl peptidase, Honey bee             | <i>Apis mellifera</i>         | i216 | 10   | 14-6016-01 | DUB     |
| rApi m 10 Icarapin, Honey bee                        | <i>Apis mellifera</i>         | i217 | 10   | 14-6004-01 | DR0     |
| rVes v 1 Phospholipase A1, Common wasp               | <i>Vespula</i>                | i211 | 10   | 14-4995-01 | CMR     |
| rVes v 5 Common wasp                                 | <i>Vespula vulgaris</i>       | i209 | 10   | 14-4992-01 | CJ8     |
| rPol d 5 Paper wasp                                  | <i>Polistes dominulus</i>     | i210 | 10   | 14-4994-01 | CJ9     |
| <b>Occupational</b>                                  |                               |      |      |            |         |
| rHev b 1 Latex                                       | <i>Hevea brasiliensis</i>     | k215 | 10   | 14-5324-01 | C20     |
| rHev b 3 Latex                                       | <i>Hevea brasiliensis</i>     | k217 | 10   | 14-5326-01 | C2A     |
| rHev b 5 Latex                                       | <i>Hevea brasiliensis</i>     | k218 | 10   | 14-5327-01 | C1Z     |
| rHev b 6.02 Latex                                    | <i>Hevea brasiliensis</i>     | k220 | 10   | 14-5329-01 | C22     |
| rHev b 8 Profilin, Latex                             | <i>Hevea brasiliensis</i>     | k221 | 10   | 14-5330-01 | C1V     |
| rHev b 11 Latex                                      | <i>Hevea brasiliensis</i>     | k224 | 10   | 14-5333-01 | C29     |
| <b>Occupational / Enzymes</b>                        |                               |      |      |            |         |
| nAna c 2 Bromelain, Pineapple                        | <i>Ananas comosus</i>         | k202 | 10   | 14-5127-01 | BT1     |
| nAsp o 21 alpha-amylase                              | <i>Aspergillus oryzae</i>     | k87  | 10   | 14-4370-01 | 595     |
| nCar p 1 Papain, Papaya                              | <i>Carica papaya</i>          | k201 | 10   | 14-5130-01 | BT0     |
| nGal d 4 Lysozyme, Egg                               | <i>Gallus spp.</i>            | k208 | 10   | 14-5128-01 | C0T     |
| Savinase                                             | <i>Bacillus spp.</i>          |      | 10   | 14-5132-01 | C2R     |
| nSus s Pepsin, Swine                                 | <i>Sus scrofa</i>             | k213 | 10   | 14-5258-01 | C3B     |
| <b>Foods</b>                                         |                               |      |      |            |         |
| rAct d 8 PR-10, Kiwi                                 | <i>Actinidia deliciosa</i>    | f430 | 10   | 14-4984-01 | CG7     |
| rAna o 3 Cashew nut                                  | <i>Anacardium occidentale</i> | f443 | 10   | 14-5760-01 | D0W     |
| rApi g 1.01 PR-10, Celery                            | <i>Apium graveolens</i>       | f417 | 10   | 14-4957-01 | CBR     |
| rAra h 1 Peanut                                      | <i>Arachis hypogaea</i>       | f422 | 10   | 14-4963-01 | CDF     |
| rAra h 2 Peanut                                      | <i>Arachis hypogaea</i>       | f423 | 10   | 14-4964-01 | CDG     |
| rAra h 3 Peanut                                      | <i>Arachis hypogaea</i>       | f424 | 10   | 14-4965-01 | CDH     |
| rAra h 6 Peanut                                      | <i>Arachis hypogaea</i>       | f447 | 10   | 14-6041-01 | DYU     |
| rAra h 8 PR-10, Peanut                               | <i>Arachis hypogaea</i>       | f352 | 10   | 14-5341-01 | CEZ     |
| rAra h 9 LTP, Peanut                                 | <i>Arachis hypogaea</i>       | f427 | 10   | 14-4980-01 | CFC     |
| rBer e 1 Brazil nut                                  | <i>Bertholletia excelsa</i>   | f354 | 10   | 14-5343-01 | CDS     |
| nBos d 4 alpha-lactalbumin, Milk                     | <i>Bos spp.</i>               | f76  | 10   | 14-4522-01 | CTP     |
| nBos d 5 beta-lactoglobulin, Milk                    | <i>Bos spp.</i>               | f77  | 10   | 14-4523-01 | CTR     |
| nBos d 8 Casein, Milk                                | <i>Bos spp.</i>               | f78  | 10   | 14-4524-01 | CTS     |
| rCor a 1 PR-10, Hazel nut                            | <i>Corylus avellana</i>       | f428 | 10   | 14-4981-01 | CFB     |
| rCor a 8 LTP, Hazel nut                              | <i>Corylus avellana</i>       | f425 | 10   | 14-4968-01 | CDP     |
| nCor a 9, Hazel nut                                  | <i>Corylus avellana</i>       | f440 | 10   | 14-5758-01 | D0M     |
| rCor a 14, Hazel nut                                 | <i>Corylus avellana</i>       | f439 | 10   | 14-5754-01 | CZP     |
| rCyp c 1 Carp                                        | <i>Cyprinus carpio</i>        | f355 | 10   | 14-5344-01 | CF0     |
| rGad c 1 Cod                                         | <i>Gadus morhua</i>           | f426 | 10   | 14-4971-01 | CEY     |
| nGal d 1 Ovomucoid, Egg                              | <i>Gallus spp.</i>            | f233 | 10   | 14-4805-01 | 904     |
| nGal d 2 Ovalbumin, Egg                              | <i>Gallus spp.</i>            | f232 | 10   | 14-4804-01 | 903     |
| nGal d 3 Conalbumin, Egg                             | <i>Gallus spp.</i>            | f323 | 10   | 14-5222-01 | C18     |
| rGly m 4 PR-10, Soy                                  | <i>Glycine max</i>            | f353 | 10   | 14-5340-01 | CDR     |
| nGly m 5 beta-conglycinin, Soy                       | <i>Glycine max</i>            | f431 | 10   | 14-4990-01 | CLV     |
| nGly m 6 Glycinin                                    | <i>Glycine max</i>            | f432 | 10   | 14-4991-01 | CLU     |
| rJug r 1 Walnut                                      | <i>Juglans regia</i>          | f441 | 10   | 14-5762-01 | D0T     |
| rJug r 3 LTP, Walnut                                 | <i>Juglans regia</i>          | f442 | 10   | 14-5954-01 | D11     |
| rMal d 1 PR-10, Apple                                | <i>Malus domestica</i>        | f434 | 10   | 14-5703-01 | CWR     |
| rMal d 3 LTP, Apple                                  | <i>Malus domestica</i>        | f435 | 10   | 14-5704-01 | CWS     |
| rPen a 1 Tropomyosin, Shrimp                         | <i>Penaeus aztecus</i>        | f351 | 10   | 14-5335-01 | C11     |
| rPru p 1 PR-10, Peach                                | <i>Prunus persica</i>         | f419 | 10   | 14-4960-01 | CBV     |
| rPru p 3 LTP, Peach                                  | <i>Prunus persica</i>         | f420 | 10   | 14-4961-01 | CBW     |
| rPru p 4 Profilin, Peach                             | <i>Prunus persica</i>         | f421 | 10   | 14-4962-01 | CBX     |
| rPru p 7 Gibberellin-regulated protein, Peach        | <i>Prunus persica</i>         | f454 | 10   | 14-6086-01 | E3Z     |
| rTri a 14 LTP, Wheat                                 | <i>Triticum aestivum</i>      | f433 | 10   | 14-5701-01 | CN6     |
| rTri a 19 Omega-5 Gliadin, Wheat                     | <i>Triticum aestivum</i>      | f416 | 10   | 14-4954-01 | C8H     |
| Gliadin                                              |                               | f98  | 10   | 14-5752-01 | CXG     |
| <b>Miscellaneous</b>                                 |                               |      |      |            |         |
| nGal-alpha-1,3-Gal (alpha-Gal) Thyroglobulin, bovine |                               | o215 | 10   | 14-5997-01 | DPC     |
| MUXF3 CCD, Bromelain                                 |                               | o214 | 10   | 14-5339-01 | CJU     |

## Allergens

In patients suffering from extrinsic asthma, hay fever or atopic eczema, symptoms develop after exposure to specific allergens. This immediate (atopic or anaphylactic) type of allergy is a function of a special type of serum antibodies belonging to the IgE class of immunoglobulins. The allergen list of more than 650 allergens and allergen mixes will continuously be updated.



### Grass pollens

| Product description         |                                                                                                              | Code | Size | Art. No.   | Barcode |
|-----------------------------|--------------------------------------------------------------------------------------------------------------|------|------|------------|---------|
| Bahia grass                 | <i>Paspalum notatum</i>                                                                                      | g17  | 16   | 14-4189-01 | 432     |
| Barley                      | <i>Hordeum vulgare</i>                                                                                       | g201 | 10   | 14-4821-01 | 920     |
| Bermuda grass               | <i>Cynodon dactylon</i>                                                                                      | g2   | 16   | 14-4131-01 | 379     |
| Brome grass                 | <i>Bromus inermis</i>                                                                                        | g11  | 16   | 14-4238-01 | 479     |
| Canary grass                | <i>Phalaris arundinacea</i>                                                                                  | g71  | 10   | 14-4360-01 | 585     |
| Cocksfoot                   | <i>Dactylis glomerata</i>                                                                                    | g3   | 16   | 14-4117-01 | 366     |
| Common reed                 | <i>Phragmites communis</i>                                                                                   | g7   | 16   | 14-4187-01 | 430     |
| Cultivated oat              | <i>Avena sativa</i>                                                                                          | g14  | 16   | 14-4239-01 | 480     |
| Cultivated rye              | <i>Secale cereale</i>                                                                                        | g12  | 16   | 14-4101-01 | 351     |
| Cultivated wheat            | <i>Triticum aestivum</i>                                                                                     | g15  | 16   | 14-4188-01 | 431     |
| Johnson grass               | <i>Sorghum halepense</i>                                                                                     | g10  | 16   | 14-4138-01 | 384     |
| Maize, Corn                 | <i>Zea mays</i>                                                                                              | g202 | 10   | 14-4822-01 | 921     |
| Meadow fescue               | <i>Festuca elatior</i>                                                                                       | g4   | 16   | 14-4133-01 | 380     |
| Meadow foxtail              | <i>Alopecurus pratensis</i>                                                                                  | g16  | 16   | 14-4240-01 | 481     |
| Meadow grass, Kentucky blue | <i>Poa pratensis</i>                                                                                         | g8   | 16   | 14-4136-01 | 382     |
| Redtop, Bentgrass           | <i>Agrostis stolonifera</i>                                                                                  | g9   | 16   | 14-4137-01 | 383     |
| Rye-grass                   | <i>Lolium perenne</i>                                                                                        | g5   | 16   | 14-4134-01 | 381     |
| Sweet vernal grass          | <i>Anthoxanthum odoratum</i>                                                                                 | g1   | 16   | 14-4130-01 | 378     |
| Timothy grass               | <i>Phleum pratense</i>                                                                                       | g6   | 16   | 14-4100-01 | 350     |
| Velvet grass                | <i>Holcus lanatus</i>                                                                                        | g13  | 16   | 14-4139-01 | 385     |
| Wild rye grass              | <i>Elymus triticoides</i>                                                                                    | g70  | 10   | 14-4344-01 | 569     |
| <b>Allergen components</b>  |                                                                                                              |      |      |            |         |
| nCyn d 1 Bermuda grass      | <i>Cynodon dactylon</i>                                                                                      | g216 | 10   | 14-4972-01 | CFA     |
| rPhl p 1 Timothy            | <i>Phleum pratense</i>                                                                                       | g205 | 10   | 14-5234-01 | BSU     |
| rPhl p 2 Timothy            | <i>Phleum pratense</i>                                                                                       | g206 | 10   | 14-5235-01 | C0K     |
| nPhl p 4 Timothy            | <i>Phleum pratense</i>                                                                                       | g208 | 10   | 14-5288-01 | C0L     |
| rPhl p 5b Timothy           | <i>Phleum pratense</i>                                                                                       | g215 | 10   | 14-5338-01 | BV3     |
| rPhl p 6 Timothy            | <i>Phleum pratense</i>                                                                                       | g209 | 10   | 14-5289-01 | BSV     |
| rPhl p 7 Timothy            | <i>Phleum pratense</i>                                                                                       | g210 | 10   | 14-5290-01 | BSW     |
| rPhl p 11 Timothy           | <i>Phleum pratense</i>                                                                                       | g211 | 10   | 14-5291-01 | BSX     |
| rPhl p 12 Profilin, Timothy | <i>Phleum pratense</i>                                                                                       | g212 | 10   | 14-5292-01 | BSY     |
| rPhl p 1, rPhl p 5b Timothy | <i>Phleum pratense</i>                                                                                       | g213 | 10   | 14-5312-01 | BU1     |
| rPhl p 7, rPhl p 12 Timothy | <i>Phleum pratense</i>                                                                                       | g214 | 10   | 14-5313-01 | BU2     |
| <b>Mixes</b>                |                                                                                                              |      |      |            |         |
| g3, g4, g5, g6, g8          | <i>Dactylis glomerata, Festuca elatior, Lolium perenne, Phleum pratense, Poa pratensis</i>                   | gx1  | 16   | 14-4163-01 | 405     |
| g2, g5, g6, g8, g10, g17    | <i>Cynodon dactylon, Lolium perenne, Phleum pratense, Poa pratensis, Sorghum halepense, Paspalum notatum</i> | gx2  | 16   | 14-4192-01 | 433     |
| g1, g5, g6, g12, g13        | <i>Anthoxanthum odoratum, Lolium perenne, Phleum pratense, Secale cereale, Holcus lanatus</i>                | gx3  | 16   | 14-4193-01 | 434     |
| g1, g5, g7, g12, g13        | <i>Anthoxanthum odoratum, Lolium perenne, Phragmites communis, Secale cereale, Holcus lanatus</i>            | gx4  | 16   | 14-4194-01 | 435     |
| g2, g5, g10, g11, g13, g17  | <i>Cynodon dactylon, Lolium perenne, Sorghum halepense, Bromus inermis, Holcus lanatus, Paspalum notatum</i> | gx6  | 10   | 14-5200-01 | BSZ     |

## Weed pollens

| Product description                 |                                                                                                                                                                   | Code  | Size | Art. No.   | Barcode |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------------|---------|
| Alfalfa                             | <i>Medicago sativa</i>                                                                                                                                            | w45   | 10   | 14-4951-01 | CCR     |
| Camomile                            | <i>Matricaria chamomilla</i>                                                                                                                                      | w206  | 10   | 14-5020-01 | BPZ     |
| Careless weed                       | <i>Amaranthus palmeri</i>                                                                                                                                         | w82   | 10   | 14-4953-01 | CCT     |
| Cocklebur                           | <i>Xanthium commune</i>                                                                                                                                           | w13   | 16   | 14-4251-01 | 489     |
| Common pigweed                      | <i>Amaranthus retroflexus</i>                                                                                                                                     | w14   | 16   | 14-4252-01 | 490     |
| Common ragweed                      | <i>Ambrosia artemisiifolia</i> (A. elatior)                                                                                                                       | w1    | 16   | 14-4531-01 | DWR     |
| Dandelion                           | <i>Taraxacum vulgare</i>                                                                                                                                          | w8    | 16   | 14-4155-01 | 401     |
| Dog fennel                          | <i>Eupatorium capillifolium</i>                                                                                                                                   | w46   | 10   | 14-4952-01 | CCS     |
| False ragweed                       | <i>Franseria acanthicarpa</i>                                                                                                                                     | w4    | 16   | 14-4247-01 | 485     |
| Firebush (Kochia)                   | <i>Kochia scoparia</i>                                                                                                                                            | w17   | 16   | 14-4255-01 | 493     |
| Giant ragweed                       | <i>Ambrosia trifida</i>                                                                                                                                           | w3    | 16   | 14-4153-01 | 399     |
| Goldenrod                           | <i>Solidago virgaurea</i>                                                                                                                                         | w12   | 16   | 14-4250-01 | 488     |
| Goosefoot, Lamb's quarters          | <i>Chenopodium album</i>                                                                                                                                          | w10   | 16   | 14-4157-01 | 403     |
| Japanese Hop                        | <i>Humulus scandens</i>                                                                                                                                           | w22   | 16   | 14-4452-01 | BJT     |
| Lupin                               | <i>Lupinus spp.</i>                                                                                                                                               | w207  | 10   | 14-5022-01 | C1B     |
| Marguerite, Ox-eye daisy            | <i>Chrysanthemum leucanthemum</i>                                                                                                                                 | w7    | 16   | 14-4154-01 | 400     |
| Mugwort                             | <i>Artemisia vulgaris</i>                                                                                                                                         | w6    | 16   | 14-4103-01 | 353     |
| Nettle                              | <i>Urtica dioica</i>                                                                                                                                              | w20   | 16   | 14-4257-01 | 495     |
| Plantain (English), Ribwort         | <i>Plantago lanceolata</i>                                                                                                                                        | w9    | 16   | 14-4156-01 | 402     |
| Rape                                | <i>Brassica napus</i>                                                                                                                                             | w203  | 10   | 14-5024-01 | BPY     |
| Rough marshelder                    | <i>Iva ciliata</i>                                                                                                                                                | w16   | 16   | 14-4254-01 | 492     |
| Saltwort (prickly), Russian thistle | <i>Salsola kali</i> (pestifer)                                                                                                                                    | w11   | 16   | 14-4249-01 | 487     |
| Scale, Lenscale                     | <i>Atriplex lentiformis</i>                                                                                                                                       | w15   | 16   | 14-4253-01 | 491     |
| Sheep sorrel                        | <i>Rumex acetosella</i>                                                                                                                                           | w18   | 16   | 14-4256-01 | 494     |
| Sunflower                           | <i>Helianthus annuus</i>                                                                                                                                          | w204  | 10   | 14-5025-01 | BT8     |
| Wall pellitory                      | <i>Parietaria officinalis</i>                                                                                                                                     | w19   | 16   | 14-4186-01 | 429     |
| Wall pellitory                      | <i>Parietaria judaica</i>                                                                                                                                         | w21   | 16   | 14-4104-01 | 354     |
| Western ragweed                     | <i>Ambrosia psilostachya</i>                                                                                                                                      | w2    | 16   | 14-4152-01 | 398     |
| Wormwood                            | <i>Artemisia absinthium</i>                                                                                                                                       | w5    | 16   | 14-4248-01 | 486     |
| Yellow dock                         | <i>Rumex crispus</i>                                                                                                                                              | w23   | 10   | 14-4950-01 | CCP     |
| <b>Allergen components</b>          |                                                                                                                                                                   |       |      |            |         |
| nAmb a 1 Ragweed                    | <i>Ambrosia artemisiifolia</i> (A. elatior)                                                                                                                       | w230  | 10   | 14-4969-01 | CF8     |
| nArt v 1 Mugwort                    | <i>Artemisia vulgaris</i>                                                                                                                                         | w231  | 10   | 14-4970-01 | CF9     |
| nArt v 3 LTP, Mugwort               | <i>Artemisia vulgaris</i>                                                                                                                                         | w233  | 10   | 14-4983-01 | CJ2     |
| rPar j 2 LTP, Wall pellitory        | <i>Parietaria judaica</i>                                                                                                                                         | w211  | 10   | 14-5311-01 | C2M     |
| rPla l 1 Plantain                   | <i>Plantago lanceolata</i>                                                                                                                                        | w234  | 10   | 14-5751-01 | D1H     |
| nSal k 1 Saltwort                   | <i>Salsola kali</i>                                                                                                                                               | w232  | 10   | 14-4978-01 | CFE     |
| <b>Mixes</b>                        |                                                                                                                                                                   |       |      |            |         |
| w1, w6, w9, w10, w11                | <i>Ambrosia artemisiifolia</i> (A. elatior), <i>Artemisia vulgaris</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Salsola kali</i>              | wx1   | 16   | 14-4195-01 | 436     |
| w2, w6, w9, w10, w15                | <i>Ambrosia psilostachya</i> , <i>Artemisia vulgaris</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Atriplex lentiformis</i>                    | wx2   | 16   | 14-4268-01 | 506     |
| w6, w9, w10, w12, w20               | <i>Artemisia vulgaris</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Solidago virgaurea</i> , <i>Urtica dioica</i>                              | wx3   | 16   | 14-4196-01 | 437     |
| w1, w6, w7, w8, w12                 | <i>Ambrosia artemisiifolia</i> (A. elatior), <i>Artemisia vulgaris</i> , <i>Chrysanthemum leucanthemum</i> , <i>Taraxacum vulgare</i> , <i>Solidago virgaurea</i> | wx5   | 16   | 14-4197-01 | 438     |
| w9, w10, w11, w18                   | <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Salsola kali</i> , <i>Rumex acetosella</i>                                                             | wx6   | 16   | 14-4198-01 | 439     |
| w7, w8, w9, w10, w12                | <i>Chrysanthemum leucanthemum</i> , <i>Taraxacum vulgare</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Solidago virgaurea</i>                  | wx7   | 16   | 14-4269-01 | 507     |
| w1, w2, w3                          | <i>Ambrosia artemisiifolia</i> (A. elatior), <i>Ambrosia psilostachya</i> , <i>Ambrosia trifida</i>                                                               | wx209 | 10   | 14-5026-01 | BR0     |

## Tree pollens

| Product description                                                                        |                                       | Code | Size | Art. No.   | Barcode |
|--------------------------------------------------------------------------------------------|---------------------------------------|------|------|------------|---------|
| Acacia                                                                                     | <i>Acacia longifolia</i>              | t19  | 16   | 14-4233-01 | 474     |
| American beech                                                                             | <i>Fagus grandifolia</i>              | t5   | 16   | 14-4148-01 | 394     |
| Australian pine                                                                            | <i>Casuarina equisetifolia</i>        | t73  | 10   | 14-4374-01 | 599     |
| Bald cypress                                                                               | <i>Taxodium distichum</i>             | t37  | 10   | 14-4941-01 | CCE     |
| Bayberry                                                                                   | <i>Myrica cerifera</i>                | t56  | 10   | 14-4947-01 | CCL     |
| Box-elder                                                                                  | <i>Acer negundo</i>                   | t1   | 16   | 14-4161-01 | 406     |
| Cedar                                                                                      | <i>Libocedrus decurrens</i>           | t212 | 10   | 14-5185-01 | C01     |
| Cedar elm                                                                                  | <i>Ulmus crassifolia</i>              | t45  | 10   | 14-4944-01 | CCH     |
| Chestnut                                                                                   | <i>Castanea sativa</i>                | t206 | 10   | 14-5140-01 | C04     |
| Common silver birch                                                                        | <i>Betula verrucosa</i>               | t3   | 16   | 14-4102-01 | 352     |
| Cottonwood                                                                                 | <i>Populus deltoides</i>              | t14  | 16   | 14-4229-01 | 470     |
| Cypress                                                                                    | <i>Cupressus arizonica</i>            | t222 | 10   | 14-5309-01 | BTZ     |
| Date                                                                                       | <i>Phoenix canariensis</i>            | t214 | 10   | 14-5218-01 | C2P     |
| Douglas fir                                                                                | <i>Pseudotsuga taxifolia</i>          | t207 | 10   | 14-5146-01 | C15     |
| Elder                                                                                      | <i>Sambucus nigra</i>                 | t205 | 10   | 14-5002-01 | C0P     |
| Elm                                                                                        | <i>Ulmus americana</i>                | t8   | 16   | 14-4226-01 | 467     |
| Eucalyptus, Gum-tree                                                                       | <i>Eucalyptus spp.</i>                | t18  | 16   | 14-4232-01 | 473     |
| European ash                                                                               | <i>Fraxinus excelsior</i>             | t25  | 10   | 14-4924-01 | C79     |
| Grey alder                                                                                 | <i>Alnus incana</i>                   | t2   | 16   | 14-4146-01 | 392     |
| Hackberry                                                                                  | <i>Celtis occidentalis</i>            | t44  | 10   | 14-4943-01 | CCG     |
| Hazel                                                                                      | <i>Corylus avellana</i>               | t4   | 16   | 14-4147-01 | 393     |
| Horn beam                                                                                  | <i>Carpinus betulus</i>               | t209 | 10   | 14-5148-01 | C0D     |
| Horse chestnut                                                                             | <i>Aesculus hippocastanum</i>         | t203 | 10   | 14-5003-01 | C0M     |
| Italian/Mediterranean/Funeral cypress                                                      | <i>Cupressus sempervirens</i>         | t23  | 16   | 14-4237-01 | 478     |
| Japanese cedar                                                                             | <i>Cryptomeria japonica</i>           | t17  | 16   | 14-4118-01 | 367     |
| Linden                                                                                     | <i>Tilia cordata</i>                  | t208 | 10   | 14-4823-01 | 922     |
| Maple leaf sycamore, London plane                                                          | <i>Platanus acerifolia</i>            | t11  | 16   | 14-4228-01 | 469     |
| Melaleuca, Cajeput-tree                                                                    | <i>Melaleuca leucadendron</i>         | t21  | 16   | 14-4235-01 | 476     |
| Mesquite                                                                                   | <i>Prosopis juliflora</i>             | t20  | 16   | 14-4234-01 | 475     |
| Mountain juniper                                                                           | <i>Juniperus sabinoides</i>           | t6   | 16   | 14-4225-01 | 466     |
| Mulberry                                                                                   | <i>Morus alba</i>                     | t70  | 10   | 14-4325-01 | 553     |
| Oak                                                                                        | <i>Quercus alba</i>                   | t7   | 16   | 14-4149-01 | 395     |
| Oil Palm                                                                                   | <i>Elaeis guineensis</i>              | t223 | 10   | 14-5308-01 | C3G     |
| Olive                                                                                      | <i>Olea europaea</i>                  | t9   | 16   | 14-4150-01 | 396     |
| Pecan, Hickory                                                                             | <i>Carya pecan</i>                    | t22  | 16   | 14-4236-01 | 477     |
| Peppertree                                                                                 | <i>Schinus molle</i>                  | t217 | 10   | 14-5167-01 | C1N     |
| Pine                                                                                       | <i>Pinus radiata</i>                  | t213 | 10   | 14-5208-01 | C02     |
| Privet                                                                                     | <i>Ligustrum vulgare</i>              | t210 | 10   | 14-4834-01 | 996     |
| Queen palm                                                                                 | <i>Arecastrum romanzoffianum</i>      | t72  | 10   | 14-4373-01 | 598     |
| Red cedar                                                                                  | <i>Juniperus virginiana</i>           | t57  | 10   | 14-4948-01 | CCM     |
| Red mulberry                                                                               | <i>Morus rubra</i>                    | t71  | 10   | 14-4949-01 | CCN     |
| Scotch broom                                                                               | <i>Cytisus scoparius</i>              | t55  | 10   | 14-4946-01 | CCK     |
| Spruce                                                                                     | <i>Picea excelsa</i>                  | t201 | 10   | 14-5005-01 | C0J     |
| Sweet gum                                                                                  | <i>Liquidambar styraciflua</i>        | t211 | 10   | 14-5155-01 | C03     |
| Walnut                                                                                     | <i>Juglans californica</i>            | t10  | 16   | 14-4227-01 | 468     |
| White ash                                                                                  | <i>Fraxinus americana</i>             | t15  | 16   | 14-4230-01 | 471     |
| White hickory                                                                              | <i>Carya tomentosa (syn. C. alba)</i> | t41  | 10   | 14-4942-01 | CCF     |
| White pine                                                                                 | <i>Pinus strobus</i>                  | t16  | 16   | 14-4231-01 | 472     |
| Willow                                                                                     | <i>Salix caprea</i>                   | t12  | 16   | 14-4151-01 | 397     |
| Virginia live oak                                                                          | <i>Quercus virginiana</i>             | t218 | 10   | 14-5252-01 | BZY     |
| <b>Allergen components</b>                                                                 |                                       |      |      |            |         |
| rBet v 1 PR-10, Birch                                                                      | <i>Betula verrucosa</i>               | t215 | 10   | 14-5225-01 | BPV     |
| rBet v 2 Profilin, Birch                                                                   | <i>Betula verrucosa</i>               | t216 | 10   | 14-5226-01 | BR1     |
| rBet v 4 Birch                                                                             | <i>Betula verrucosa</i>               | t220 | 10   | 14-5287-01 | BT7     |
| rBet v 6 Birch                                                                             | <i>Betula verrucosa</i>               | t225 | 10   | 14-5345-01 | CF1     |
| rBet v 2, rBet v 4 Birch                                                                   | <i>Betula verrucosa</i>               | t221 | 10   | 14-5310-01 | BU0     |
| nCup a 1 Cypress                                                                           | <i>Cupressus arizonica</i>            | t226 | 10   | 14-4977-01 | CFD     |
| rOle e 1 Olive                                                                             | <i>Olea europaea</i>                  | t224 | 10   | 14-5705-01 | CTC     |
| nOle e 7 LTP, Olive                                                                        | <i>Olea europaea</i>                  | t227 | 10   | 14-4993-01 | CKT     |
| rOle e 9, Olive                                                                            | <i>Olea europaea</i>                  | t240 | 10   | 14-4999-01 | CTZ     |
| rPla a 1 Maple leaf sycamore, London plane                                                 | <i>Platanus acerifolia</i>            | t241 | 10   | 14-5957-01 | D2H     |
| <b>Mixes</b>                                                                               |                                       |      |      |            |         |
| t1, t3, t7, t8, t10                                                                        |                                       | tx1  | 16   | 14-4199-01 | 440     |
| <i>Acer negundo, Betula verrucosa, Quercus alba, Ulmus americana, Juglans californica</i>  |                                       |      |      |            |         |
| t7, t8, t11, t12, t14                                                                      |                                       | tx4  | 16   | 14-4200-01 | 441     |
| <i>Quercus alba, Ulmus americana, Platanus acerifolia, Salix caprea, Populus deltoides</i> |                                       |      |      |            |         |



## Tree pollens, cont'd

| Product description                                                                                                                          | Code | Size | Art. No.   | Barcode |
|----------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|---------|
| <b>Mixes</b>                                                                                                                                 |      |      |            |         |
| t2, t4, t8, t12, t14<br><i>Alnus incana, Corylus avellana, Ulmus americana, Salix caprea, Populus deltoides</i>                              | tx5  | 16   | 14-4201-01 | 442     |
| t1, t3, t5, t7, t10<br><i>Acer negundo, Betula verrucosa, Fagus grandifolia, Quercus alba, Juglans californica</i>                           | tx6  | 16   | 14-4202-01 | 443     |
| t9, t12, t16, t18, t19, t21<br><i>Olea europaea, Salix caprea, Pinus strobus, Eucalyptus spp., Acacia longifolia, Melaleuca leucadendron</i> | tx7  | 16   | 14-4272-01 | 510     |
| t1, t3, t4, t7, t11<br><i>Acer negundo, Betula verrucosa, Corylus avellana, Quercus alba, Platanus acerifolia</i>                            | tx8  | 16   | 14-4273-01 | 511     |
| t2, t3, t4, t7, t12<br><i>Alnus incana, Betula verrucosa, Corylus avellana, Quercus alba, Salix caprea</i>                                   | tx9  | 16   | 14-4274-01 | 512     |
| t2, t3, t4, t15<br><i>Alnus incana, Betula verrucosa, Corylus avellana, Fraxinus americana</i>                                               | tx10 | 10   | 14-5183-01 | BPX     |

## Microorganisms

| Product description                                                                                                                                                    | Code | Size | Art. No.   | Barcode |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|---------|
| <i>Acremonium kiliense</i>                                                                                                                                             | m202 | 10   | 14-4830-01 | 992     |
| <i>Alternaria alternata</i>                                                                                                                                            | m6   | 16   | 14-4106-01 | 356     |
| <i>Aspergillus flavus</i>                                                                                                                                              | m228 | 10   | 14-5342-01 | BZU     |
| <i>Aspergillus fumigatus</i>                                                                                                                                           | m3   | 16   | 14-4119-01 | 368     |
| <i>Aspergillus niger</i>                                                                                                                                               | m207 | 10   | 14-4831-01 | 993     |
| <i>Aspergillus terreus</i>                                                                                                                                             | m36  | 10   | 14-4920-01 | BYC     |
| <i>Aureobasidium pullulans</i>                                                                                                                                         | m12  | 16   | 14-4263-01 | 501     |
| <i>Botrytis cinerea</i>                                                                                                                                                | m7   | 16   | 14-4258-01 | 496     |
| <i>Candida albicans</i>                                                                                                                                                | m5   | 16   | 14-4120-01 | 369     |
| <i>Chaetomium globosum</i>                                                                                                                                             | m208 | 10   | 14-5202-01 | C00     |
| <i>Cladosporium herbarum</i>                                                                                                                                           | m2   | 16   | 14-4105-01 | 355     |
| <i>Curvularia lunata</i>                                                                                                                                               | m16  | 16   | 14-4267-01 | 505     |
| <i>Epicoecum purpurascens</i>                                                                                                                                          | m14  | 16   | 14-4265-01 | 503     |
| <i>Fusarium proliferatum</i> (F. moniliforme)                                                                                                                          | m9   | 16   | 14-4260-01 | 498     |
| <i>Setomelanomma rostrata</i> (Helminthosporium halodes)                                                                                                               | m8   | 16   | 14-4259-01 | 497     |
| <i>Malassezia</i> spp.                                                                                                                                                 | m227 | 10   | 14-5321-01 | BT6     |
| <i>Mucor racemosus</i>                                                                                                                                                 | m4   | 16   | 14-4145-01 | 391     |
| <i>Penicillium chrysogenum</i> (P. notatum)                                                                                                                            | m1   | 16   | 14-4160-01 | 405     |
| <i>Penicillium glabrum</i>                                                                                                                                             | m209 | 10   | 14-5203-01 | BT3     |
| <i>Phoma betae</i>                                                                                                                                                     | m13  | 16   | 14-4264-01 | 502     |
| <i>Rhizopus nigricans</i>                                                                                                                                              | m11  | 16   | 14-4262-01 | 500     |
| Staphylococcal enterotoxin A                                                                                                                                           | m80  | 10   | 14-4889-01 | BDG     |
| Staphylococcal enterotoxin B                                                                                                                                           | m81  | 10   | 14-4890-01 | BDD     |
| Staphylococcal enterotoxin C                                                                                                                                           | m223 | 10   | 14-5298-01 | BT5     |
| Staphylococcal enterotoxin TSST                                                                                                                                        | m226 | 10   | 14-5301-01 | C0X     |
| <i>Stemphylium herbarum</i> (S. botryosum)                                                                                                                             | m10  | 16   | 14-4261-01 | 499     |
| <i>Tilletia tritici</i>                                                                                                                                                | m201 | 10   | 14-5029-01 | C1C     |
| <i>Trichoderma viride</i>                                                                                                                                              | m15  | 16   | 14-4266-01 | 504     |
| <i>Trichophyton mentagrophytes</i> var. <i>goetzii</i>                                                                                                                 | m210 | 10   | 14-5223-01 | C0Y     |
| <i>Trichophyton mentagrophytes</i> var. <i>interdigitale</i>                                                                                                           | m211 | 10   | 14-5224-01 | C0R     |
| <i>Trichophyton rubrum</i>                                                                                                                                             | m205 | 16   | 14-4483-01 | A2J     |
| <i>Ulocladium chartarum</i>                                                                                                                                            | m204 | 10   | 14-5028-01 | C1Y     |
| <b>Allergen components</b>                                                                                                                                             |      |      |            |         |
| rAlt a 1<br><i>Alternaria alternata</i>                                                                                                                                | m229 | 10   | 14-5346-01 | CE0     |
| rAsp f 1<br><i>Aspergillus fumigatus</i>                                                                                                                               | m218 | 10   | 14-5293-01 | BPL     |
| rAsp f 2<br><i>Aspergillus fumigatus</i>                                                                                                                               | m219 | 10   | 14-5294-01 | BPM     |
| rAsp f 3<br><i>Aspergillus fumigatus</i>                                                                                                                               | m220 | 10   | 14-5295-01 | BT4     |
| rAsp f 4<br><i>Aspergillus fumigatus</i>                                                                                                                               | m221 | 10   | 14-5296-01 | BPN     |
| rAsp f 6<br><i>Aspergillus fumigatus</i>                                                                                                                               | m222 | 10   | 14-5297-01 | BPP     |
| <b>Mixes</b>                                                                                                                                                           |      |      |            |         |
| m1, m2, m3, m6<br><i>Penicillium chrysogenum, Cladosporium herbarum, Aspergillus fumigatus, Alternaria alternata</i>                                                   | mx1  | 16   | 14-4204-01 | 445     |
| m1, m2, m3, m5, m6, m8<br><i>Penicillium chrysogenum, Cladosporium herbarum, Aspergillus fumigatus, Candida albicans, Alternaria alternata, Setomelanomma rostrata</i> | mx2  | 16   | 14-4320-01 | 851     |
| m3, m207, m36, m228<br><i>A. fumigatus, A. niger, A. terreus, A. flavus</i>                                                                                            | mx4  | 10   | 14-4921-01 | BYD     |



| Epidermals and animal proteins                                                                |       |      |            |         |
|-----------------------------------------------------------------------------------------------|-------|------|------------|---------|
| Product description                                                                           | Code  | Size | Art. No.   | Barcode |
| Budgerigar droppings                                                                          | e77   | 10   | 14-4303-01 | 537     |
| Budgerigar feathers                                                                           | e78   | 10   | 14-4304-01 | 538     |
| Canary bird droppings                                                                         | e200  | 10   | 14-4913-01 | BY5     |
| Canary bird feathers                                                                          | e201  | 10   | 14-4824-01 | 923     |
| Cat dander                                                                                    | e1    | 16   | 14-4109-01 | 359     |
| Chicken droppings                                                                             | e218  | 10   | 14-5229-01 | BRW     |
| Chicken feathers                                                                              | e85   | 10   | 14-4170-01 | 517     |
| Chicken, serum proteins                                                                       | e219  | 10   | 14-5230-01 | C24     |
| Chinchilla epithelium                                                                         | e208  | 10   | 14-5011-01 | C1X     |
| Cow dander                                                                                    | e4    | 16   | 14-4166-01 | 411     |
| Dog dander                                                                                    | e5    | 16   | 14-4110-01 | 360     |
| Duck feathers                                                                                 | e86   | 10   | 14-4171-01 | 518     |
| Ferret epithelium                                                                             | e217  | 10   | 14-5157-01 | C1H     |
| Finch feathers                                                                                | e214  | 10   | 14-5013-01 | C2D     |
| Gerbil epithelium                                                                             | e209  | 10   | 14-5015-01 | C1W     |
| Goat epithelium                                                                               | e80   | 10   | 14-4306-01 | 540     |
| Goose feathers                                                                                | e70   | 16   | 14-4169-01 | 414     |
| Guinea pig epithelium                                                                         | e6    | 16   | 14-4167-01 | 412     |
| Hamster epithelium                                                                            | e84   | 10   | 14-4310-01 | 544     |
| Horse dander                                                                                  | e3    | 16   | 14-4122-01 | 371     |
| Mink epithelium                                                                               | e203  | 10   | 14-5030-01 | C39     |
| Mouse epithelium                                                                              | e71   | 10   | 14-4394-01 | 603     |
| Mouse epithelium, serum proteins and urine proteins                                           | e88   | 10   | 14-4327-01 | 555     |
| Mouse serum proteins                                                                          | e76   | 10   | 14-4399-01 | 608     |
| Mouse urine proteins                                                                          | e72   | 10   | 14-4395-01 | 604     |
| Parakeet droppings                                                                            | e197  | 10   | 14-4910-01 | BY2     |
| Parakeet feathers                                                                             |       | 10   | 14-4909-01 | BY1     |
| Parrot feathers                                                                               | e213  | 10   | 14-4832-01 | 994     |
| Pigeon feathers                                                                               | e215  | 10   | 14-5032-01 | BP5     |
| Rabbit epithelium                                                                             | e82   | 10   | 14-4308-01 | 542     |
| Rabbit, serum proteins                                                                        | e206  | 10   | 14-5033-01 | C2H     |
| Rabbit, urine proteins                                                                        | e211  | 10   | 14-5034-01 | C44     |
| Rat epithelium                                                                                | e73   | 10   | 14-4396-01 | 605     |
| Rat epithelium, serum proteins and urine proteins                                             | e87   | 10   | 14-4326-01 | 554     |
| Rat serum proteins                                                                            | e75   | 10   | 14-4398-01 | 607     |
| Rat urine proteins                                                                            | e74   | 10   | 14-4397-01 | 606     |
| Sheep epithelium                                                                              | e81   | 10   | 14-4307-01 | 541     |
| Swine epithelium                                                                              | e83   | 10   | 14-4309-01 | 543     |
| Turkey feathers                                                                               | e89   | 10   | 14-4356-01 | 581     |
| <b>Allergen components</b>                                                                    |       |      |            |         |
| nBos d 6 BSA, Cow                                                                             | e204  | 10   | 14-5009-01 | BRV     |
| rCan f 1 Dog                                                                                  | e101  | 10   | 14-4955-01 | CBN     |
| rCan f 2 Dog                                                                                  | e102  | 10   | 14-4956-01 | CBP     |
| nCan f 3 Dog serum albumin                                                                    | e221  | 10   | 14-5241-01 | C14     |
| rCan f 4 Dog                                                                                  | e229  | 10   | 14-5755-01 | CZY     |
| rCan f 5 Dog                                                                                  | e226  | 10   | 14-4998-01 | CMZ     |
| rCan f 6 Dog                                                                                  | e230  | 10   | 14-6081-01 | E2X     |
| rFel d 1 Cat                                                                                  | e94   | 10   | 14-4905-01 | BY0     |
| rFel d 2 Cat serum albumin                                                                    | e220  | 10   | 14-5240-01 | BRX     |
| rFel d 4 Cat                                                                                  | e228  | 10   | 14-5702-01 | CT9     |
| rFel d 7 Cat                                                                                  | e231  | 10   | 14-6082-01 | E2Y     |
| rEqu c 1 Horse                                                                                | e227  | 10   | 14-5700-01 | CN7     |
| nSus s Pig serum albumin, Swine                                                               | e222  | 10   | 14-5242-01 | C36     |
| <b>Mixes</b>                                                                                  |       |      |            |         |
| e1, e3, e4, e5                                                                                | ex1   | 16   | 14-4203-01 | 444     |
| Cat dander, Horse dander, Cow dander, Dog dander                                              |       |      |            |         |
| e1, e5, e6, e87, e88                                                                          | ex2   | 16   | 14-4512-01 | BN7     |
| Cat dander, Dog dander, Guinea pig epithelium, Rat, Mouse                                     |       |      |            |         |
| e6, e82, e84, e87, e88                                                                        | ex70  | 10   | 14-4276-01 | 519     |
| Guinea pig epithelium, Rabbit epithelium, Hamster epithelium, Rat, Mouse                      |       |      |            |         |
| e70, e85, e86, e89                                                                            | ex71  | 10   | 14-4277-01 | 520     |
| Goose feathers, Chicken feathers, Duck feathers, Turkey feathers                              |       |      |            |         |
| e78, e201, e196, e213, e214                                                                   | ex72  | 10   | 14-4278-01 | 521     |
| Budgerigar feathers, Canary bird feathers, Parakeet feathers, Parrot feathers, Finch feathers |       |      |            |         |
| <b>Allergens for research use only</b>                                                        |       |      |            |         |
| Swine, urine proteins                                                                         | Re212 | 10   | 14-5039-10 | 645     |

## Mites

| Product description                    |                                       | Code | Size | Art. No.   | Barcode |
|----------------------------------------|---------------------------------------|------|------|------------|---------|
| <i>Acarus siro</i>                     | Storage mite                          | d70  | 10   | 14-4300-01 | 534     |
| <i>Blomia tropicalis</i>               | House dust mite                       | d201 | 10   | 14-4896-01 | BHP     |
| <i>Dermatophagoides farinae</i>        | House dust mite                       | d2   | 16   | 14-4108-01 | 358     |
| <i>Dermatophagoides microceras</i>     | House dust mite                       | d3   | 16   | 14-4241-01 | 482     |
| <i>Dermatophagoides pteronyssinus</i>  | House dust mite                       | d1   | 16   | 14-4107-01 | 357     |
| <i>Euroglyphus maynei</i>              | House dust mite                       | d74  | 10   | 14-4342-01 | 567     |
| <i>Glycyphagus domesticus</i>          | Storage mite                          | d73  | 10   | 14-4393-01 | 602     |
| <i>Lepidoglyphus destructor</i>        | Storage mite                          | d71  | 10   | 14-4301-01 | 535     |
| <i>Tyrophagus putrescentiae</i>        | Storage mite                          | d72  | 10   | 14-4302-01 | 536     |
| <b>Allergen components</b>             |                                       |      |      |            |         |
| rDer p 1 House dust mite               | <i>Dermatophagoides Pteronyssinus</i> | d202 | 10   | 14-5996-01 | DP4     |
| rDer p 2 House dust mite               | <i>Dermatophagoides Pteronyssinus</i> | d203 | 10   | 14-4967-01 | CG2     |
| rDer p 10 Tropomyosin, House dust mite | <i>Dermatophagoides Pteronyssinus</i> | d205 | 10   | 14-4985-01 | CG5     |
| rDer p 23 House dust mite              | <i>Dermatophagoides Pteronyssinus</i> | d209 | 10   | 14-6040-01 | DWU     |

## House dust

| Product description                                                                                                        |  | Code | Size | Art. No.   | Barcode |
|----------------------------------------------------------------------------------------------------------------------------|--|------|------|------------|---------|
| Greer Labs., Inc.                                                                                                          |  | h1   | 16   | 14-4116-01 | 365     |
| Hollister-Stier Labs.                                                                                                      |  | h2   | 16   | 14-4140-01 | 386     |
| <b>Mix</b>                                                                                                                 |  |      |      |            |         |
| h2, d1, d2, i6                                                                                                             |  | hx2  | 16   | 14-4205-01 | 446     |
| Hollister-Stier Labs., <i>Dermatophagoides pteronyssinus</i> , <i>Dermatophagoides farinae</i> , <i>Blatella germanica</i> |  |      |      |            |         |

## Insects

| Product description      |                                            | Code | Size | Art. No.   | Barcode |
|--------------------------|--------------------------------------------|------|------|------------|---------|
| Berlin beetle            | <i>Trogoderma angustum (Solier)</i>        | i76  | 10   | 14-4362-01 | 587     |
| Blood worm               | <i>Chironomus thummi (C. riparius)</i>     | i73  | 10   | 14-4328-01 | 556     |
| Cockroach, American      | <i>Periplaneta americana</i>               | i206 | 10   | 14-5274-01 | C07     |
| Cockroach, German        | <i>Blatella germanica</i>                  | i6   | 16   | 14-4224-01 | 465     |
| Fire ant                 | <i>Solenopsis invicta</i>                  | i70  | 10   | 14-4343-01 | 568     |
| Horse fly                | <i>Tabanus spp.</i>                        | i204 | 10   | 14-5207-01 | BPJ     |
| Mediterranean flour moth | <i>Ephestia (syn. Anagasta) kuehniella</i> | i203 | 10   | 14-5151-01 | C2J     |
| Mosquito                 | <i>Aedes communis</i>                      | i71  | 10   | 14-4316-01 | 550     |
| Moth                     | <i>Bombyx mori</i>                         | i8   | 16   | 14-4474-01 | 829     |

## Occupational, cont'd

| Allergens for research use only |                           | Code | Size | Art. No.   | Barcode |
|---------------------------------|---------------------------|------|------|------------|---------|
| Confused flour beetle*          | <i>Tribolium confusum</i> | U15  | 10   | 14-5718-10 | CYC     |

## Venoms

| Product description                      |                                | Code | Size | Art. No.   | Barcode |
|------------------------------------------|--------------------------------|------|------|------------|---------|
| Bumblebee                                | <i>Bombus terrestris</i>       | i205 | 10   | 14-5270-01 | C06     |
| Common wasp (Yellow jacket)              | <i>Vespula spp.</i>            | i3   | 16   | 14-4525-01 | CVA     |
| European Paper Wasp                      | <i>Polistes dominulus</i>      | i77  | 10   | 14-4527-01 | CVB     |
| European hornet                          | <i>Vespa crabro</i>            | i75  | 10   | 14-4340-01 | 565     |
| Honey bee                                | <i>Apis mellifera</i>          | i1   | 16   | 14-4143-01 | 389     |
| Paper wasp                               | <i>Polistes spp.</i>           | i4   | 16   | 14-4526-01 | CWX     |
| White-faced hornet                       | <i>Dolichovespula maculata</i> | i2   | 16   | 14-4221-01 | 462     |
| Yellow hornet                            | <i>Dolichovespula arenaria</i> | i5   | 16   | 14-4223-01 | 464     |
| <b>Allergen components</b>               |                                |      |      |            |         |
| rApi m 1 Phospholipase A2, Honey bee     | <i>Apis mellifera</i>          | i208 | 10   | 14-4987-01 | CJ7     |
| rApi m 2 Hyaluronidase, Honey bee        | <i>Apis mellifera</i>          | i214 | 10   | 14-6014-01 | DUD     |
| rApi m 3, Acid phosphatase, Honey bee    | <i>Apis mellifera</i>          | i215 | 10   | 14-6015-01 | DUC     |
| rApi m 5 Dipeptidyl peptidase, Honey bee | <i>Apis mellifera</i>          | i216 | 10   | 14-6016-01 | DUB     |
| rApi m 10 Icarapin, Honey bee            | <i>Apis mellifera</i>          | i217 | 10   | 14-6004-01 | DR0     |
| rVes v 1 Phospholipase A1, Common wasp   | <i>Vespula vulgaris</i>        | i211 | 10   | 14-4995-01 | CMR     |
| rVes v 5 Common wasp                     | <i>Vespula vulgaris</i>        | i209 | 10   | 14-4992-01 | CJ8     |
| rPol d 5 European Paper Wasp             | <i>Polistes dominulus</i>      | i210 | 10   | 14-4994-01 | CJ9     |

\*Manufactured against specific customer order. Shelf life discrepancy compared to standard products.

## Drugs

| Product description                    | Code  | Size | Art. No.   | Barcode |
|----------------------------------------|-------|------|------------|---------|
| Amoxicilloyl                           | c6    | 16   | 14-4451-01 | 991     |
| Ampicilloyl                            | c5    | 16   | 14-4450-01 | 990     |
| Cefaclor                               | c7    | 10   | 14-5336-01 | BP4     |
| Chlorhexidine                          | c8    | 10   | 14-4926-01 | C8S     |
| Gelatin bovine                         | c74   | 10   | 14-4854-01 | A2X     |
| Insulin human                          | c73   | 10   | 14-4347-01 | 572     |
| Penicilloyl G                          | c1    | 16   | 14-4164-01 | 409     |
| Penicilloyl V                          | c2    | 16   | 14-4165-01 | 410     |
| Pholcodine                             | c261  | 10   | 14-4975-01 | CF6     |
| Morphine                               | c260  | 10   | 14-4974-01 | CF7     |
| Suxamethonium (succinylcholine)        | c202  | 10   | 14-5266-01 | BRU     |
| <b>Allergens for research use only</b> |       |      |            |         |
| ACTH (Adrenocorticotrophic hormone)    | Rc206 | 10   | 14-5162-10 | 758     |
| Tetanus toxoid                         | Rc208 | 10   | 14-5227-10 | 902     |
| Penicillin minor determinant*          | U233  | 10   | 14-5730-10 | CY1     |
| Rocuronium*                            | U254  | 10   | 14-5717-10 | CYD     |
| Pancreatin*                            | U523  | 10   | 14-5720-10 | CYA     |

## Occupational

| Product description                           |                           | Code | Size | Art. No.   | Barcode |
|-----------------------------------------------|---------------------------|------|------|------------|---------|
| Bougainvillea                                 | <i>Bougainvillea spp.</i> | k214 | 10   | 14-5286-01 | C3L     |
| Cotton seed                                   |                           | k83  | 10   | 14-4366-01 | 591     |
| Ethylene oxide                                |                           | k78  | 10   | 14-4314-01 | 548     |
| Ficus                                         | <i>Ficus spp.</i>         | k81  | 10   | 14-4365-01 | 590     |
| Formaldehyde/Formalin                         |                           | k80  | 10   | 14-4341-01 | 566     |
| Green coffee bean                             | <i>Coffea spp.</i>        | k70  | 10   | 14-4363-01 | 588     |
| Hexahydrophthalic anhydrid                    |                           | k209 | 10   | 14-5189-01 | C1J     |
| Isocyanate HDI (Hexamethylene diisocyanate)   |                           | k77  | 10   | 14-4313-01 | 547     |
| Isocyanate MDI (Diphenylmethane diisocyanate) |                           | k76  | 10   | 14-4312-01 | 546     |
| Isocyanate TDI (Toluene diisocyanate)         |                           | k75  | 10   | 14-4311-01 | 545     |
| Ispaghula                                     |                           | k72  | 10   | 14-4348-01 | 573     |
| Latex                                         | <i>Hevea brasiliensis</i> | k82  | 10   | 14-4511-01 | BJ1     |
| Phthalic anhydride                            |                           | k79  | 10   | 14-4315-01 | 549     |
| Silk                                          | <i>Bombyx mori</i>        | k74  | 10   | 14-4333-01 | 560     |
| Silk waste                                    |                           | k73  | 10   | 14-4400-01 | 609     |
| Sunflower seed                                |                           | k84  | 10   | 14-4367-01 | 592     |
| Trimellitic anhydride, TMA                    |                           | k86  | 10   | 14-4369-01 | 594     |
| <b>Allergen components</b>                    |                           |      |      |            |         |
| nAna c 2 Bromelain, Pineapple                 |                           | k202 | 10   | 14-5127-01 | BT1     |
| nAsp o 21 alpha-amylase                       | <i>Aspergillus oryzae</i> | k87  | 10   | 14-4370-01 | 595     |
| nCar p 1 Papain, Papaya                       |                           | k201 | 10   | 14-5130-01 | BT0     |
| nGal d 4 Lysozyme, Egg                        |                           | k208 | 10   | 14-5128-01 | C0T     |
| rHev b 1 Latex                                | <i>Hevea brasiliensis</i> | k215 | 10   | 14-5324-01 | C20     |
| rHev b 3 Latex                                | <i>Hevea brasiliensis</i> | k217 | 10   | 14-5326-01 | C2A     |
| rHev b 5 Latex                                | <i>Hevea brasiliensis</i> | k218 | 10   | 14-5327-01 | C1Z     |
| rHev b 6.02 Latex                             | <i>Hevea brasiliensis</i> | k220 | 10   | 14-5329-01 | C22     |
| rHev b 8 Profilin, Latex                      | <i>Hevea brasiliensis</i> | k221 | 10   | 14-5330-01 | C1V     |
| rHev b 11 Latex                               | <i>Hevea brasiliensis</i> | k224 | 10   | 14-5333-01 | C29     |
| nSus s Pepsin, Swine                          |                           | k213 | 10   | 14-5258-01 | C3B     |

\*Manufactured against specific customer order. Shelf life discrepancy compared to standard products.

## Occupational, cont'd

| Product description                                                                 | Code  | Size | Art. No.   | Barcode |
|-------------------------------------------------------------------------------------|-------|------|------------|---------|
| <b>Mixes</b>                                                                        |       |      |            |         |
| k75, k76, k77, k79<br>Isocyanates (TDI, MDI, HDI), Phthalic anhydride               | pax5  | 10   | 14-4354-01 | 579     |
| k78, k79, k80, k85<br>Ethylene oxide, Phthalic anhydride, Formaldehyde, Chloramin T | pax6  | 10   | 14-4355-01 | 580     |
| <b>Allergens for research use only</b>                                              |       |      |            |         |
| Maleic anhydrid                                                                     | Rk210 | 10   | 14-5190-10 | 796     |
| Peroxidase*                                                                         | U395  | 10   | 14-5726-10 | CY5     |

## Parasites

| Product description | Code | Size | Art. No.   | Barcode |
|---------------------|------|------|------------|---------|
| Anisakis            | p4   | 16   | 14-4475-01 | 830     |
| Ascaris             | p1   | 16   | 14-4244-01 | 483     |

## Miscellaneous

| Product description                                  | Code  | Size | Art. No.   | Barcode |
|------------------------------------------------------|-------|------|------------|---------|
| Cotton, crude fibers                                 | o1    | 16   | 14-4476-01 | 831     |
| nGal-alpha-1,3-Gal (alpha-Gal) Thyroglobulin, bovine | o215  | 10   | 14-5997-01 | DPC     |
| Mealworm <i>Tenebrio molitor</i>                     | o211  | 10   | 14-5251-01 | C3C     |
| MUXF3 CCD, Bromelain                                 | o214  | 10   | 14-5339-01 | CJU     |
| Seminal fluid                                        | o70   | 10   | 14-4371-01 | 596     |
| Streptavidin                                         | o212  | 10   | 14-5320-01 | BZV     |
| <b>Allergens for research use only</b>               |       |      |            |         |
| MBP (maltose binding protein)                        | Ro213 | 10   | 14-5334-10 | BN3     |
| Hemp* <i>Cannabis sativa</i>                         | U901  | 10   | 14-5711-10 | CYK     |

## Other mixes – Regional

| Product description                                                                                                                                                                     | Code | Size | Art. No.   | Barcode |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|---------|
| g6, w6, w9, w21, t3<br><i>Phleum pratense</i> , <i>Artemisia vulgaris</i> , <i>Plantago lanceolata</i> , <i>Parietaria judaica</i> , <i>Betula verrucosa</i>                            | rx1  | 10   | 14-5193-01 | BRN     |
| d2, e1, e3, e5, m6<br><i>Dermatophagoides farinae</i> , Cat dander, Horse dander, Dog dander, <i>Alternaria alternata</i>                                                               | rx2  | 10   | 14-5184-01 | BPS     |
| g2, g5, g17, w1, w9, w10<br><i>Cynodon dactylon</i> , <i>Lolium perenne</i> , <i>Paspalum notatum</i> , <i>Ambrosia elatior</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> | rx3  | 10   | 14-5198-01 | BTT     |
| d1, e1, m3, i6<br><i>Dermatophagoides pteronyssinus</i> , Cat dander, <i>Aspergillus fumigatus</i> , <i>Blatella germanica</i>                                                          | rx5  | 10   | 14-5246-01 | BPT     |
| t3, g6, w6, m2, m6<br><i>Betula verrucosa</i> , <i>Phleum pratense</i> , <i>Artemisia vulgaris</i> , <i>Cladosporium herbarum</i> , <i>Alternaria alternata</i>                         | rx6  | 10   | 14-5322-01 | BPU     |
| d1, e1, e3, e5, e82<br><i>Dermatophagoides pteronyssinus</i> , Cat dander, Horse dander, Dog dander, Rabbit epithelium                                                                  | rx7  | 10   | 14-5323-01 | BPW     |

\*Manufactured against specific customer order. Shelf life discrepancy compared to standard products.

## Foods – Fruits &amp; vegetables

| Product description                           |                                         | Code  | Size | Art. No.   | Barcode |
|-----------------------------------------------|-----------------------------------------|-------|------|------------|---------|
| Apple                                         | <i>Malus x domestica</i>                | f49   | 16   | 14-4220-01 | 461     |
| Apricot                                       | <i>Prunus armeniaca</i>                 | f237  | 10   | 14-4812-01 | 911     |
| Asparagus                                     | <i>Asparagus officinalis</i>            | f261  | 10   | 14-5046-01 | C0B     |
| Aubergine, eggplant                           | <i>Solanum melongena</i>                | f262  | 10   | 14-5047-01 | BZZ     |
| Avocado                                       | <i>Persea americana</i>                 | f96   | 10   | 14-4346-01 | 571     |
| Bamboo shoot                                  | <i>Phyllostachys pubescens</i>          | f51   | 16   | 14-4455-01 | 815     |
| Banana                                        | <i>Musa spp.</i>                        | f92   | 10   | 14-4334-01 | 561     |
| Beetroot                                      | <i>Beta vulgaris</i>                    | f319  | 10   | 14-5216-01 | C1A     |
| Blackberry                                    | <i>Rubus fruticosus</i>                 | f211  | 10   | 14-5051-01 | C0E     |
| Blueberry                                     | <i>Vaccinium myrtillus</i>              | f288  | 10   | 14-5052-01 | BTF     |
| Broccoli                                      | <i>Brassica oleracea var. italica</i>   | f260  | 10   | 14-4841-01 | AAD     |
| Brussel sprouts                               | <i>Brassica oleracea var. gemmifera</i> | f217  | 10   | 14-5054-01 | C1S     |
| Cabbage                                       | <i>Brassica oleracea var. capitata</i>  | f216  | 10   | 14-4814-01 | 913     |
| Carrot                                        | <i>Daucus carota</i>                    | f31   | 16   | 14-4210-01 | 451     |
| Cauliflower                                   | <i>Brassica oleracea var. botrytis</i>  | f291  | 10   | 14-5060-01 | C05     |
| Celery                                        | <i>Apium graveolens</i>                 | f85   | 10   | 14-4296-01 | 530     |
| Cherry                                        | <i>Prunus avium</i>                     | f242  | 10   | 14-4811-01 | 910     |
| Cucumber                                      | <i>Cucumis sativus</i>                  | f244  | 10   | 14-4839-01 | AAB     |
| Date                                          | <i>Phoenix dactylifera</i>              | f289  | 10   | 14-5068-01 | BSF     |
| Fennel, fresh                                 | <i>Foeniculum vulgare</i>               | f276  | 10   | 14-5071-01 | BTG     |
| Fig                                           | <i>Ficus carica</i>                     | f328  | 10   | 14-5244-01 | BSR     |
| Garlic                                        | <i>Allium sativum</i>                   | f47   | 16   | 14-4218-01 | 459     |
| Grape                                         | <i>Vitis vinifera</i>                   | f259  | 10   | 14-4809-01 | 908     |
| Grapefruit                                    | <i>Citrus paradisi</i>                  | f209  | 16   | 14-4431-01 | 680     |
| Jack fruit                                    | <i>Artocarpus heterophyllus</i>         | f318  | 10   | 14-5215-01 | C3F     |
| Jujube                                        | <i>Ziziphus jujuba</i>                  | f336  | 10   | 14-5255-01 | C32     |
| Kiwi                                          | <i>Actinidia deliciosa</i>              | f84   | 10   | 14-4295-01 | 529     |
| Lemon                                         | <i>Citrus limon</i>                     | f208  | 10   | 14-4829-01 | 685     |
| Lettuce                                       | <i>Lactuca sativa</i>                   | f215  | 10   | 14-4813-01 | 912     |
| Lime                                          | <i>Citrus aurantifolia</i>              | f306  | 10   | 14-5188-01 | BTN     |
| Mandarin (tangerine, clementine, satsumas)    | <i>Citrus reticulata</i>                | f302  | 10   | 14-5160-01 | BPB     |
| Mango                                         | <i>Mangifera indica</i>                 | f91   | 10   | 14-4331-01 | 559     |
| Melon                                         | <i>Cucumis melo spp.</i>                | f87   | 10   | 14-4298-01 | 532     |
| Olive (black, fresh)                          | <i>Olea europaea</i>                    | f342  | 10   | 14-5279-01 | C0F     |
| Onion                                         | <i>Allium cepa</i>                      | f48   | 16   | 14-4219-01 | 460     |
| Orange                                        | <i>Citrus sinensis</i>                  | f33   | 16   | 14-4129-01 | 377     |
| Papaya                                        | <i>Carica papaya</i>                    | f293  | 10   | 14-5089-01 | BSG     |
| Passion fruit                                 | <i>Passiflora edulis</i>                | f294  | 10   | 14-5091-01 | C0W     |
| Peach                                         | <i>Prunus persica</i>                   | f95   | 10   | 14-4337-01 | 564     |
| Pear                                          | <i>Pyrus communis</i>                   | f94   | 10   | 14-4336-01 | 563     |
| Persimon (kaki fruit, sharon)                 | <i>Diospyros kaki</i>                   | f301  | 10   | 14-5161-01 | C2B     |
| Pineapple                                     | <i>Ananas comosus</i>                   | f210  | 10   | 14-4810-01 | 909     |
| Plum                                          | <i>Prunus domestica</i>                 | f255  | 10   | 14-4840-01 | AAC     |
| Potato                                        | <i>Solanum tuberosum</i>                | f35   | 16   | 14-4211-01 | 452     |
| Pumpkin                                       | <i>Cucurbita pepo</i>                   | f225  | 16   | 14-4433-01 | 705     |
| Raspberry                                     | <i>Rubus idaeus</i>                     | f343  | 10   | 14-5280-01 | C09     |
| Red currant                                   | <i>Ribes sylvestre</i>                  | f322  | 10   | 14-5221-01 | C21     |
| Spinach                                       | <i>Spinachia oleracea</i>               | f214  | 16   | 14-4432-01 | 707     |
| Strawberry                                    | <i>Fragaria vesca</i>                   | f44   | 16   | 14-4216-01 | 457     |
| Sweet potato                                  | <i>Ipomea batatas</i>                   | f54   | 16   | 14-4458-01 | 823     |
| Tomato                                        | <i>Lycopersicon lycopersicum</i>        | f25   | 16   | 14-4182-01 | 425     |
| Watermelon                                    | <i>Citrullus lanatus</i>                | f329  | 10   | 14-5245-01 | BSS     |
| <b>Allergen components</b>                    |                                         |       |      |            |         |
| rAct d 8 PR-10, Kiwi                          | <i>Actinidia deliciosa</i>              | f430  | 10   | 14-4984-01 | CG7     |
| rApi g 1.01 PR-10, Celery                     | <i>Apium graveolens</i>                 | f417  | 10   | 14-4957-01 | CBR     |
| rMal d 1 PR-10, Apple                         | <i>Malus domestica</i>                  | f434  | 10   | 14-5703-01 | CWR     |
| rMal d 3 LTP, Apple                           | <i>Malus domestica</i>                  | f435  | 10   | 14-5704-01 | CWS     |
| rPru p 1 PR-10, Peach                         | <i>Prunus persica</i>                   | f419  | 10   | 14-4960-01 | CBV     |
| rPru p 3 LTP, Peach                           | <i>Prunus persica</i>                   | f420  | 10   | 14-4961-01 | CBW     |
| rPru p 4 Profilin, Peach                      | <i>Prunus persica</i>                   | f421  | 10   | 14-4962-01 | CBX     |
| rPru p 7 Gibberellin-regulated protein, Peach | <i>Prunus persica</i>                   | f454  | 10   | 14-6086-01 | E3Z     |
| <b>Allergens for research use only</b>        |                                         |       |      |            |         |
| Cranberry                                     | <i>Vaccinium oxycoccus</i>              | Rf341 | 10   | 14-5269-10 | AKT     |

## Foods – Seed, legumes &amp; nuts

| Product description              |                                  | Code | Size | Art. No.   | Barcode |
|----------------------------------|----------------------------------|------|------|------------|---------|
| Almond                           | <i>Amygdalus communis</i>        | f20  | 16   | 14-4179-01 | 422     |
| Barley                           | <i>Hordeum vulgare</i>           | f6   | 16   | 14-4172-01 | 415     |
| Blue vetch                       | <i>Lathyrus sativus</i>          | f310 | 10   | 14-5197-01 | C3A     |
| Brazil nut                       | <i>Bertholletia excelsa</i>      | f18  | 16   | 14-4178-01 | 421     |
| Buckwheat                        | <i>Fagopyrum esculentum</i>      | f11  | 16   | 14-4125-01 | 374     |
| Cashew nut                       | <i>Anacardium occidentale</i>    | f202 | 10   | 14-4835-01 | 997     |
| Chick pea                        | <i>Cicer arietinus</i>           | f309 | 10   | 14-5196-01 | BTS     |
| Coconut                          | <i>Cocos nucifera</i>            | f36  | 16   | 14-4212-01 | 453     |
| Common millet                    | <i>Panicum miliaceum</i>         | f55  | 16   | 14-4459-01 | 813     |
| Fenugreek                        | <i>Trigonella foenum-graecum</i> | f305 | 10   | 14-5187-01 | C3D     |
| Foxtail millet                   | <i>Setaria italica</i>           | f56  | 16   | 14-4460-01 | 824     |
| Gluten                           |                                  | f79  | 10   | 14-4291-01 | 525     |
| Green bean                       | <i>Phaseolus vulgaris</i>        | f315 | 10   | 14-5211-01 | BSM     |
| Hazel nut                        | <i>Corylus avellana</i>          | f17  | 16   | 14-4528-01 | D2F     |
| Lentil                           | <i>Lens esculenta</i>            | f235 | 10   | 14-4815-01 | 914     |
| Lima bean                        | <i>Phaseolus lunatus</i>         | f182 | 10   | 14-4929-01 | CC3     |
| Linseed                          | <i>Linum usitatissimum</i>       | f333 | 10   | 14-5250-01 | C13     |
| Lupin seed                       | <i>Lupinus albus</i>             | f335 | 10   | 14-5254-01 | BST     |
| Macadamia nut                    | <i>Macadamia spp.</i>            | f345 | 10   | 14-5282-01 | BTX     |
| Maize, Corn                      | <i>Zea mays</i>                  | f8   | 16   | 14-4124-01 | 373     |
| Oat                              | <i>Avena sativa</i>              | f7   | 16   | 14-4173-01 | 416     |
| Pea                              | <i>Pisum sativum</i>             | f12  | 16   | 14-4176-01 | 419     |
| Peanut                           | <i>Arachis hypogaea</i>          | f13  | 16   | 14-4126-01 | 375     |
| Pecan nut                        | <i>Carya illinoensis</i>         | f201 | 10   | 14-4807-01 | 906     |
| Pine nut, pignoles               | <i>Pinus edulis</i>              | f253 | 10   | 14-5093-01 | BS3     |
| Pistachio                        | <i>Pistacia vera</i>             | f203 | 10   | 14-4836-01 | 998     |
| Poppy seed                       | <i>Papaver somniferum</i>        | f224 | 10   | 14-5097-01 | BS1     |
| Pumpkin seed                     | <i>Cucurbita pepo</i>            | f226 | 10   | 14-5098-01 | C1U     |
| Quinoa                           | <i>Chenopodium quinoa</i>        | f347 | 10   | 14-5284-01 | C1T     |
| Rape seed                        | <i>Brassica napus</i>            | f316 | 10   | 14-5213-01 | C10     |
| Red kidney bean                  | <i>Phaseolus vulgaris</i>        | f287 | 10   | 14-5100-01 | BSE     |
| Rice                             | <i>Oryza sativa</i>              | f9   | 16   | 14-4174-01 | 417     |
| Rye                              | <i>Secale cereale</i>            | f5   | 16   | 14-4123-01 | 372     |
| Sesame seed                      | <i>Sesamum indicum</i>           | f10  | 16   | 14-4175-01 | 418     |
| Soybean                          | <i>Glycine max</i>               | f14  | 16   | 14-4115-01 | 364     |
| Spelt wheat                      | <i>Triticum spelta</i>           | f124 | 10   | 14-4914-01 | BY6     |
| Sugar-beet seed                  | <i>Beta vulgaris</i>             | f227 | 10   | 14-5102-01 | BTK     |
| Sweet chestnut                   | <i>Castanea sativa</i>           | f299 | 10   | 14-4843-01 | AAF     |
| Walnut                           | <i>Juglans spp.</i>              | f256 | 16   | 14-4521-01 | CME     |
| Wheat                            | <i>Triticum aestivum</i>         | f4   | 16   | 14-4113-01 | 363     |
| White bean                       | <i>Phaseolus vulgaris</i>        | f15  | 16   | 14-4177-01 | 420     |
| <b>Allergen components</b>       |                                  |      |      |            |         |
| rAna o 3 Cashew nut              | <i>Anacardium occidentale</i>    | f443 | 10   | 14-5760-01 | D0W     |
| rAra h 1 Peanut                  | <i>Arachis hypogaea</i>          | f422 | 10   | 14-4963-01 | CDF     |
| rAra h 2 Peanut                  | <i>Arachis hypogaea</i>          | f423 | 10   | 14-4964-01 | CDG     |
| rAra h 3 Peanut                  | <i>Arachis hypogaea</i>          | f424 | 10   | 14-4965-01 | CDH     |
| rAra h 6 Peanut                  | <i>Arachis hypogaea</i>          | f447 | 10   | 14-6041-01 | DYU     |
| rAra h 8 PR-10, Peanut           | <i>Arachis hypogaea</i>          | f352 | 10   | 14-5341-01 | CEZ     |
| rAra h 9 LTP, Peanut             | <i>Arachis hypogaea</i>          | f427 | 10   | 14-4980-01 | CFC     |
| rBer e 1 Brazil nut              | <i>Bertholletia excelsa</i>      | f354 | 10   | 14-5343-01 | CDS     |
| rCor a 1 PR-10, Hazel nut        | <i>Corylus avellana</i>          | f428 | 10   | 14-4981-01 | CFB     |
| rCor a 8 LTP, Hazel nut          | <i>Corylus avellana</i>          | f425 | 10   | 14-4968-01 | CDP     |
| nCor a 9, Hazel nut              | <i>Corylus avellana</i>          | f440 | 10   | 14-5758-01 | D0M     |
| rCor a 14, Hazel nut             | <i>Corylus avellana</i>          | f439 | 10   | 14-5754-01 | CZP     |
| rGly m 4 PR-10, Soy              | <i>Glycine max</i>               | f353 | 10   | 14-5340-01 | CDR     |
| nGly m 5 beta-conglycinin, Soy   | <i>Glycine max</i>               | f431 | 10   | 14-4990-01 | CLV     |
| nGly m 6 Glycinin                | <i>Glycine max</i>               | f432 | 10   | 14-4991-01 | CLU     |
| rJug r 1 Walnut                  | <i>Juglans regia</i>             | f441 | 10   | 14-5762-01 | D0T     |
| rJug r 3 LTP, Walnut             | <i>Juglans regia</i>             | f442 | 10   | 14-5954-01 | D11     |
| rTri a 14 LTP, Wheat             | <i>Triticum aestivum</i>         | f433 | 10   | 14-5701-01 | CN6     |
| rTri a 19 Omega-5 Gliadin, Wheat | <i>Triticum spp.</i>             | f416 | 10   | 14-4954-01 | C8H     |
| Gliadin                          |                                  | f98  | 10   | 14-5752-01 | CXG     |



## Foods – Spices

| Product description                    |                              | Code  | Size | Art. No.   | Barcode |
|----------------------------------------|------------------------------|-------|------|------------|---------|
| Allspice                               | <i>Pimenta dioica</i>        | f339  | 10   | 14-5267-01 | C17     |
| Anise                                  | <i>Pimpinella anisum</i>     | f271  | 10   | 14-5044-01 | BP9     |
| Basil                                  | <i>Ocimum basilicum</i>      | f269  | 10   | 14-5048-01 | BS7     |
| Bay leaf                               | <i>Laurus nobilis</i>        | f278  | 10   | 14-5049-01 | BSC     |
| Black pepper                           | <i>Piper nigrum</i>          | f280  | 10   | 14-4817-01 | 916     |
| Caraway                                | <i>Carum carvi</i>           | f265  | 10   | 14-5057-01 | BP8     |
| Cardamon                               | <i>Elettaria cardamomum</i>  | f267  | 10   | 14-5058-01 | C2G     |
| Chili pepper                           | <i>Capsicum frutescens</i>   | f279  | 10   | 14-5062-01 | BSD     |
| Clove                                  | <i>Syzygium aromaticum</i>   | f268  | 10   | 14-5064-01 | BS6     |
| Coriander                              | <i>Coriandrum sativum</i>    | f317  | 10   | 14-5214-01 | BSN     |
| Curry (Santa Maria)                    |                              | f281  | 10   | 14-5067-01 | BPA     |
| Dill                                   | <i>Anethum graveolens</i>    | f277  | 10   | 14-5069-01 | C0S     |
| Ginger                                 | <i>Zingiber officinale</i>   | f270  | 10   | 14-5072-01 | BS8     |
| Green pepper (unripe seed)             | <i>Piper nigrum</i>          | f263  | 10   | 14-5075-01 | BS5     |
| Lovage                                 | <i>Levisticum officinale</i> | f275  | 10   | 14-5082-01 | C2Z     |
| Mace                                   | <i>Myristica fragrans</i>    | f266  | 10   | 14-5083-01 | C2X     |
| Marjoram                               | <i>Origanum majorana</i>     | f274  | 10   | 14-5084-01 | BSB     |
| Mint                                   | <i>Mentha piperita</i>       | f332  | 10   | 14-5249-01 | C1G     |
| Mustard                                | <i>Brassica/Sinapis spp.</i> | f89   | 10   | 14-4329-01 | 557     |
| Oregano                                | <i>Origanum vulgare</i>      | f283  | 10   | 14-5088-01 | BTJ     |
| Paprika, Sweet pepper                  | <i>Capsicum annuum</i>       | f218  | 10   | 14-4816-01 | 915     |
| Parsley                                | <i>Petroselinum crispum</i>  | f86   | 10   | 14-4297-01 | 531     |
| Tarragon                               | <i>Artemisia dracunculus</i> | f272  | 10   | 14-5103-01 | BS9     |
| Thyme                                  | <i>Thymus vulgaris</i>       | f273  | 10   | 14-5105-01 | BSA     |
| Vanilla                                | <i>Vanilla planifolia</i>    | f234  | 10   | 14-5106-01 | BS2     |
| <b>Allergens for research use only</b> |                              |       |      |            |         |
| Cinnamon                               | <i>Cinnamomum spp.</i>       | Rf220 | 10   | 14-5063-10 | 669     |
| Nutmeg                                 | <i>Myristica fragrans</i>    | Rf282 | 10   | 14-5087-10 | 693     |

## Foods – Fish, shellfish &amp; mollusks

| Product description        |                                   | Code | Size | Art. No.   | Barcode |
|----------------------------|-----------------------------------|------|------|------------|---------|
| Abalone                    | <i>Haliotis spp.</i>              | f346 | 10   | 14-5283-01 | BTY     |
| Anchovy                    | <i>Engraulis encrasicolus</i>     | f313 | 10   | 14-5209-01 | BSL     |
| Blue mussel                | <i>Mytilus edulis</i>             | f37  | 16   | 14-4213-01 | 454     |
| Cat fish                   | <i>Ictalurus punctatus</i>        | f369 | 10   | 14-4930-01 | CC4     |
| Chub mackerel              | <i>Scomber japonicus</i>          | f50  | 16   | 14-4454-01 | 812     |
| Clam                       | <i>Ruditapes spp.</i>             | f207 | 10   | 14-4820-01 | 919     |
| Crab                       | <i>Chionoecetes spp.</i>          | f23  | 16   | 14-4180-01 | 423     |
| Crayfish                   | <i>Astacus astacus</i>            | f320 | 10   | 14-5219-01 | BSP     |
| Eel                        | <i>Anguilla anguilla</i>          | f264 | 10   | 14-5042-01 | C26     |
| Fish (cod)                 | <i>Gadus morhua</i>               | f3   | 16   | 14-4159-01 | 404     |
| Grouper                    | <i>Epinephelus spp.</i>           | f410 | 10   | 14-4933-01 | CC7     |
| Gulf flounder              | <i>Paralichthys albigutta</i>     | f147 | 10   | 14-4928-01 | CC2     |
| Haddock                    | <i>Melanogrammus aeglefinus</i>   | f42  | 10   | 14-4939-01 | CCC     |
| Hake                       | <i>Merluccius merluccius</i>      | f307 | 10   | 14-5194-01 | BTP     |
| Halibut                    | <i>Hippoglossus hippoglossus</i>  | f303 | 10   | 14-5158-01 | BZX     |
| Herring                    | <i>Clupea harengus</i>            | f205 | 10   | 14-4837-01 | 999     |
| Jack mackerel, Scad        | <i>Trachurus japonicus</i>        | f60  | 16   | 14-4464-01 | 827     |
| Langust (spiny lobster)    | <i>Palinurus spp.</i>             | f304 | 10   | 14-5159-01 | BTM     |
| Lobster                    | <i>Homarus gammarus</i>           | f80  | 10   | 14-4292-01 | 526     |
| Mackerel                   | <i>Scomber scombrus</i>           | f206 | 10   | 14-5019-01 | BRY     |
| Megrim                     | <i>Lepidorhombus whiffiagonis</i> | f311 | 10   | 14-5204-01 | BSK     |
| Octopus                    | <i>Octopus vulgaris</i>           | f59  | 16   | 14-4463-01 | 826     |
| Orange roughy              | <i>Hoplostethus atlanticus</i>    | f412 | 10   | 14-4935-01 | CC8     |
| Oyster                     | <i>Ostrea edulis</i>              | f290 | 10   | 14-4842-01 | AAE     |
| Pacific squid              | <i>Todarodes pacificus</i>        | f58  | 16   | 14-4462-01 | 814     |
| Plaice                     | <i>Pleuronectes platessa</i>      | f254 | 16   | 14-4434-01 | 647     |
| Pollock                    | <i>Pollachius virens</i>          | f413 | 10   | 14-4936-01 | CC9     |
| Red snapper                | <i>Lutjanus campechanus</i>       | f381 | 10   | 14-4931-01 | CC5     |
| Salmon                     | <i>Salmo salar</i>                | f41  | 16   | 14-4215-01 | 456     |
| Sardine (Pilchard)         | <i>Sardina pilchardus</i>         | f308 | 10   | 14-5195-01 | BTR     |
| Sardine, Japanese Pilchard | <i>Sardinops melanosticta</i>     | f61  | 16   | 14-4465-01 | 828     |
| Scallop                    | <i>Pecten spp.</i>                | f338 | 10   | 14-4895-01 | BHN     |

## Foods – Fish, shellfish &amp; mollusks, cont'd

| Product description                    |                                                                                                                      | Code | Size | Art. No.   | Barcode |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------|------|------|------------|---------|
| Shrimp                                 | <i>Pandalus borealis</i> , <i>Penaeus monodon</i> ,<br><i>Metapenaeopsis barbata</i> ,<br><i>Metapenaeus joyneri</i> | f24  | 16   | 14-4181-01 | 424     |
| Snail                                  | <i>Helix aspersa</i>                                                                                                 | f314 | 10   | 14-5210-01 | BU0     |
| Sole                                   | <i>Solea solea</i>                                                                                                   | f337 | 10   | 14-5256-01 | BTv     |
| Squid                                  | <i>Loligo spp.</i>                                                                                                   | f258 | 10   | 14-5142-01 | BS4     |
| Swordfish                              | <i>Xiphias gladius</i>                                                                                               | f312 | 10   | 14-5205-01 | C08     |
| Tilapia                                | <i>Oreochromis spp.</i>                                                                                              | f414 | 10   | 14-4937-01 | CCA     |
| Trout                                  | <i>Oncorhynchus mykiss</i> ( <i>Salmo gairdneri</i> )                                                                | f204 | 10   | 14-4819-01 | 918     |
| Tuna                                   | <i>Thunnus albacares</i>                                                                                             | f40  | 16   | 14-4214-01 | 455     |
| Walleye pike                           | <i>Sander vitreus</i> ( <i>Stizostedion vitreum</i> )                                                                | f415 | 10   | 14-4938-01 | CCB     |
| Whitefish (Inconnu)                    | <i>Stenodus spp.</i>                                                                                                 | f384 | 10   | 14-4932-01 | CC6     |
| <b>Allergen components</b>             |                                                                                                                      |      |      |            |         |
| rCyp c 1 Carp                          | <i>Cyprinus carpio</i>                                                                                               | f355 | 10   | 14-5344-01 | CF0     |
| rGad c 1 Cod                           | <i>Gadus morhua</i>                                                                                                  | f426 | 10   | 14-4971-01 | CEY     |
| rPen a 1 Tropomyosin, Shrimp           |                                                                                                                      | f351 | 10   | 14-5335-01 | C11     |
| <b>Allergens for research use only</b> |                                                                                                                      |      |      |            |         |
| Mahi Mahi*                             | <i>Coryphaena hippurus</i>                                                                                           | U510 | 10   | 14-5802-10 | DAJ     |

## Foods – Egg &amp; fowl

| Product description        |                            | Code | Size | Art. No.   | Barcode |
|----------------------------|----------------------------|------|------|------------|---------|
| Chicken                    | <i>Gallus spp.</i>         | f83  | 16   | 14-4185-01 | 428     |
| Egg                        |                            | f245 | 10   | 14-4826-01 | 925     |
| Egg white                  |                            | f1   | 16   | 14-4111-01 | 361     |
| Egg yolk                   |                            | f75  | 16   | 14-4184-01 | 427     |
| Turkey meat                | <i>Meleagris gallopavo</i> | f284 | 10   | 14-4818-01 | 917     |
| <b>Allergen components</b> |                            |      |      |            |         |
| nGal d 1 Ovomucoid, Egg    |                            | f233 | 10   | 14-4805-01 | 904     |
| nGal d 2 Ovalbumin, Egg    |                            | f232 | 10   | 14-4804-01 | 903     |
| nGal d 3 Conalbumin, Egg   |                            | f323 | 10   | 14-5222-01 | C18     |

## Foods – Meat

| Product description |                         | Code | Size | Art. No.   | Barcode |
|---------------------|-------------------------|------|------|------------|---------|
| Beef                | <i>Bos spp.</i>         | f27  | 16   | 14-4209-01 | 450     |
| Elk/moose meat      |                         | f285 | 10   | 14-5115-01 | C3E     |
| Mutton              | <i>Ovis spp.</i>        | f88  | 10   | 14-4299-01 | 533     |
| Pork                | <i>Sus spp.</i>         | f26  | 16   | 14-4183-01 | 426     |
| Rabbit              | <i>Oryctolagus spp.</i> | f213 | 10   | 14-4838-01 | AAA     |

\*Manufactured against specific customer order. Shelf life discrepancy compared to standard products.

**Foods – Milk**

| Product description               | Code | Size | Art. No.   | Barcode |
|-----------------------------------|------|------|------------|---------|
| Cheese, cheddar type              | f81  | 10   | 14-4293-01 | 527     |
| Cheese, mold type                 | f82  | 10   | 14-4294-01 | 528     |
| Cow's whey                        | f236 | 10   | 14-5114-01 | BP6     |
| Goat milk                         | f300 | 10   | 14-5144-01 | BSJ     |
| Mare's milk                       | f286 | 10   | 14-5109-01 | C2K     |
| Milk                              | f2   | 16   | 14-4112-01 | 362     |
| Milk, boiled                      | f231 | 10   | 14-4806-01 | 905     |
| Sheep milk                        | f325 | 10   | 14-5237-01 | C0C     |
| Sheep whey                        | f326 | 10   | 14-5238-01 | C2U     |
| <b>Allergen components</b>        |      |      |            |         |
| nBos d 4 alpha-lactalbumin, Milk  | f76  | 10   | 14-4522-01 | CTP     |
| nBos d 5 beta-lactoglobulin, Milk | f77  | 10   | 14-4523-01 | CTR     |
| nBos d 8 Casein, Milk             | f78  | 10   | 14-4524-01 | CTS     |

**Foods – Additives**

| Product description                    |                                 | Code | Size | Art. No.   | Barcode |
|----------------------------------------|---------------------------------|------|------|------------|---------|
| Carob (E410)                           | <i>Ceratonia siliqua</i>        | f296 | 10   | 14-5137-01 | C0U     |
| Guar, guar gum (E412)                  | <i>Cyamopsis tetragonolobus</i> | f246 | 10   | 14-5076-01 | C0H     |
| Gum arabic (E414)                      | <i>Acacia spp.</i>              | f297 | 10   | 14-5138-01 | BSH     |
| Tragacanth (E413)                      | <i>Astragalus spp.</i>          | f298 | 10   | 14-5139-01 | C12     |
| Cochineal extract (Carmine red) (E120) | <i>Dactylopius coccus</i>       | f340 | 10   | 14-5268-01 | C0V     |

**Foods – Miscellaneous**

| Product description   |                                 | Code | Size | Art. No.   | Barcode |
|-----------------------|---------------------------------|------|------|------------|---------|
| Cacao                 | <i>Theobroma cacao</i>          | f93  | 10   | 14-4335-01 | 562     |
| Coffee                | <i>Coffea spp.</i>              | f221 | 10   | 14-5065-01 | BRZ     |
| Honey                 |                                 | f247 | 10   | 14-5078-01 | BP7     |
| Hop (fruit cone)      | <i>Humulus lupulus</i>          | f324 | 10   | 14-5228-01 | C0N     |
| Malt                  |                                 | f90  | 10   | 14-4330-01 | 558     |
| Mushroom (champignon) | <i>Agaricus hortensis</i>       | f212 | 10   | 14-5086-01 | BTH     |
| Tea                   | <i>Camellia sinensis</i>        | f222 | 10   | 14-5104-01 | BS0     |
| Yeast                 | <i>Saccharomyces cerevisiae</i> | f45  | 16   | 14-4217-01 | 458     |

## Food – Mixes

| Product description                                                          | Code | Size | Art. No.   | Barcode |
|------------------------------------------------------------------------------|------|------|------------|---------|
| f13, f17, f18, f20, f36<br>Peanut, Hazel nut, Brazil nut, Almond, Coconut    | fx1  | 16   | 14-4206-01 | 447     |
| f3, f24, f37, f40, f41<br>Fish, Shrimp, Blue mussel, Tuna, Salmon            | fx2  | 16   | 14-4207-01 | 448     |
| f4, f7, f8, f10, f11<br>Wheat, Oat, Maize, Sesame seed, Buckwheat            | fx3  | 16   | 14-4208-01 | 449     |
| f1, f2, f3, f4, f13, f14<br>Egg white, Milk, Fish, Wheat, Peanut, Soybean    | fx5  | 16   | 14-4275-01 | 513     |
| f25, f45, f47, f48, f85<br>Tomato, Yeast, Garlic, Onion, Celery              | fx7  | 10   | 14-4844-01 | AAG     |
| f12, f15, f31, f35<br>Pea, White bean, Carrot, Potato                        | fx13 | 10   | 14-4848-01 | AAL     |
| f25, f214, f216, f218<br>Tomato, Spinach, Cabbage, Paprika                   | fx14 | 10   | 14-4849-01 | AAM     |
| f33, f49, f92, f95<br>Orange, Apple, Banana, Peach                           | fx15 | 10   | 14-4850-01 | AAN     |
| f44, f94, f208, f210<br>Strawberry, Pear, Lemon, Pineapple                   | fx16 | 10   | 14-4851-01 | AAP     |
| f49, f92, f94, f95<br>Apple, Banana, Pear, Peach                             | fx17 | 10   | 14-5179-01 | BPE     |
| f12, f13, f14<br>Pea, Peanut, Soybean                                        | fx18 | 10   | 14-4852-01 | AAR     |
| f4, f5, f6, f9<br>Wheat, Rye, Barley, Rice                                   | fx20 | 10   | 14-4853-01 | AAS     |
| f84, f87, f92, f95, f210<br>Kiwi, Melon, Banana, Peach, Pineapple            | fx21 | 10   | 14-5206-01 | BPG     |
| f201, f202, f203, f256<br>Pecan nut, Cashew nut, Pistachio, Walnut           | fx22 | 10   | 14-5212-01 | BPH     |
| f17, f24, f84, f92<br>Hazel nut, Shrimp, Kiwi, Banana                        | fx24 | 10   | 14-4856-01 | A7F     |
| f10, f45, f47, f85<br>Sesame seed, Yeast, Garlic, Celery                     | fx25 | 10   | 14-4857-01 | A7G     |
| f1, f2, f13, f89<br>Egg white, Cow's milk, Peanut, Mustard                   | fx26 | 10   | 14-4894-01 | BEX     |
| f3, f4, f14, f17<br>Fish (cod), Wheat, Soybean, Hazel nut                    | fx27 | 10   | 14-4893-01 | BEW     |
| f10, f24, f27, f84<br>Sesame seed, Shrimp, Beef, Kiwi                        | fx28 | 10   | 14-4892-01 | BEV     |
| f33, f208, f209, f302<br>Orange, Lemon, Grapefruit, Mandarin                 | fx29 | 10   | 14-4915-01 | BY7     |
| f84, f91, f92, f96, f293<br>Kiwi, Mango, Banana, Avocado, Papaya             | fx30 | 10   | 14-4916-01 | BY8     |
| f49, f94, f95, f242, f255<br>Apple, Pear, Peach, Cherry, Plum                | fx31 | 10   | 14-4917-01 | BY9     |
| f272, f274, f273, f275<br>Tarragon, Marjoram, Thyme, Lovage                  | fx70 | 10   | 14-4357-01 | 582     |
| f265, f266, f267, f268<br>Caraway, Mace, Cardamom, Clove                     | fx71 | 10   | 14-4358-01 | 583     |
| f269, f219, f270, f271<br>Basil, Fennel seed, Ginger, Anise                  | fx72 | 10   | 14-4359-01 | 584     |
| f26, f27, f83<br>Pork, Beef, Chicken                                         | fx73 | 10   | 14-4825-01 | 924     |
| f3, f205, f206, f254<br>Cod, Herring, Mackerel, Plaice                       | fx74 | 10   | 14-4827-01 | 926     |
| f10, f17, f25, f84, f202<br>Sesame seed, Hazel nut, Tomato, Kiwi, Cashew nut | fx77 | 16   | 14-4988-01 | CJ5     |

## IgG Antigens

| Product description                                                                                                                         | Code  | Size | Art. No.   | Barcode |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------------|---------|
| <b>Microorganisms</b>                                                                                                                       |       |      |            |         |
| <i>Micropolyspora faeni</i>                                                                                                                 | Gm22  | 10   | 14-5302-01 | BT9     |
| <i>Stachybotrys atra</i>                                                                                                                    | Gm24  | 10   | 14-5304-01 | BTB     |
| <i>Thermoactinomyces vulgaris</i>                                                                                                           | Gm23  | 10   | 14-5303-01 | BTA     |
| <b>Antigens for research use only</b>                                                                                                       |       |      |            |         |
| <i>Aspergillus versicolor</i> *                                                                                                             | U1084 | 10   | 14-5941-10 | CZZ     |
| <i>Cladosporium cladosporioides</i> *                                                                                                       | U1085 | 10   | 14-5942-10 | DER     |
| <i>Penicillium spp.</i> *                                                                                                                   | U1086 | 10   | 14-5943-10 | DES     |
| <b>Epidermals and animal proteins</b>                                                                                                       |       |      |            |         |
| Budgerigar serum proteins, feathers and droppings                                                                                           | Ge90  | 10   | 14-5316-01 | BU4     |
| Parrot serum proteins, feathers and droppings                                                                                               | Ge92  | 10   | 14-5317-01 | BU5     |
| Pigeon serum proteins                                                                                                                       | Ge93  | 10   | 14-5337-01 | BU9     |
| Pigeon serum proteins, feathers and droppings                                                                                               | Ge91  | 10   | 14-5315-01 | BU3     |
| <b>Mixes</b>                                                                                                                                |       |      |            |         |
| m1, Gm2, m4, Gm6                                                                                                                            | Gmx6  | 10   | 14-5319-01 | BU7     |
| <i>Penicillium chrysogenum</i> , <i>Cladosporium herbarum</i> ( <i>Hormodendrum</i> ), <i>Mucor racemosus</i> , <i>Alternaria alternata</i> |       |      |            |         |

\*Manufactured against specific customer order. Shelf life discrepancy compared to standard products.



## ImmunoCAP™ tests for research use only

## Allergens

## Drugs

| Product description                 | Code  | Size | Art. No.   | Barcode |
|-------------------------------------|-------|------|------------|---------|
| ACTH (Adrenocorticotrophic hormone) | Rc206 | 10   | 14-5162-10 | 758     |
| Pancreatin*                         | U523  | 10   | 14-5720-10 | CYA     |
| Penicillin minor determinant*       | U233  | 10   | 14-5730-10 | CY1     |
| Rocuronium*                         | U254  | 10   | 14-5717-10 | CYD     |
| Tetanus toxoid                      | Rc208 | 10   | 14-5227-10 | 902     |

## Foods

| Product description | Code  | Size | Art. No.   | Barcode |
|---------------------|-------|------|------------|---------|
| Cranberry           | Rf341 | 10   | 14-5269-10 | AKT     |
| Cinnamon            | Rf220 | 10   | 14-5063-10 | 669     |
| Mahi Mahi*          | U510  | 10   | 14-5802-10 | DAJ     |
| Nutmeg              | Rf282 | 10   | 14-5087-10 | 693     |

## Insects

| Product description    | Code | Size | Art. No.   | Barcode |
|------------------------|------|------|------------|---------|
| Confused flour beetle* | U15  | 10   | 14-5718-10 | CYC     |

## Miscellaneous

| Product description           | Code  | Size | Art. No.   | Barcode |
|-------------------------------|-------|------|------------|---------|
| Hemp*                         | U901  | 10   | 14-5711-10 | CYK     |
| MBP (maltose binding protein) | Ro213 | 10   | 14-5334-10 | BN3     |

## Occupational

| Product description | Code  | Size | Art. No.   | Barcode |
|---------------------|-------|------|------------|---------|
| Maleic anhydrid     | Rk210 | 10   | 14-5190-10 | 796     |
| Peroxidase*         | U395  | 10   | 14-5726-10 | CY5     |

\*Manufactured against specific customer order. Shelf life discrepancy compared to standard products.

## IgG Antigens

| Product description                   | Code  | Size | Art. No.   | Barcode |
|---------------------------------------|-------|------|------------|---------|
| <b>Microorganisms</b>                 |       |      |            |         |
| <i>Aspergillus versicolor</i> *       | U1084 | 10   | 14-5941-10 | CZZ     |
| <i>Cladosporium cladosporioides</i> * | U1085 | 10   | 14-5942-10 | DER     |
| <i>Penicillium spp.</i> *             | U1086 | 10   | 14-5943-10 | DES     |

Products may be manufactured against customer order. Delivery time and shelf life may differ compared to other products.



## ImmunoCAP Rapid

ImmunoCAP Rapid is a point-of-care test for *in vitro* qualitative determination of allergen-specific IgE in human capillary blood or heparinized whole venous blood.

ImmunoCAP Rapid offers a comprehensive solution from capillary blood sampling to the evaluation of test results, including all necessary equipment such as Blood Sampling Device, Assay Device and Developer Solution in each package. The Assay Device, with a symptom-oriented allergen profile, is a single use, disposable test device. It contains all the allergens to be tested and the necessary reagents for the reaction to occur.

Ten allergens are included in each Assay Device. Results are read visually within 20 minutes. A pink-red line next to the allergen code indicates presence of specific IgE antibodies to that particular allergen. ImmunoCAP Rapid gives results directly – clear and simple.



## ImmunoCAP Rapid

### ImmunoCAP Rapid Wheeze/Rhinitis Child

| Product description                                                                                                             | Size | Art. No.   |
|---------------------------------------------------------------------------------------------------------------------------------|------|------------|
| e1, t3, w6, g6, f1, e5, t9, w21, d1, f2<br>Cat, Birch, Mugwort, Timothy, Egg, Dog, Olive, Wall pellitory, House dust mite, Milk | 10   | 82-1000-01 |

### ImmunoCAP Rapid Asthma/Rhinitis Adult

| Product description                                                                                                                    | Size | Art. No    |
|----------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| e1, t3, w6, g6, i6, e5, t9, w21, d1, m6<br>Cat, Birch, Mugwort, Timothy, Cochroach, Dog, Olive, Wall pellitory, House dust mite, Mould | 10   | 82-1001-01 |

## ImmunoCAP ISAC

ImmunoCAP ISAC is a miniaturized immunoassay platform that allows for simultaneous measurement of specific IgE antibodies to 112 different allergen components using only 30 µl of serum or plasma. Capillary blood sampling can be used, thus enabling a less invasive procedure for testing young children. Purified natural or recombinant molecular allergen components are immobilized on a solid support (biochip). In a two step assay, antibodies from the patient serum bind to the immobilized allergen components; and after a washing step, allergen-bound antibodies are detected by a fluorescence-labeled antibody. ImmunoCAP ISAC is a semi-quantitative test. Results are reported in ISAC Standardized Units (ISU).



## ImmunoCAP ISAC

| Product                                                           | Size  | Art. No.   |
|-------------------------------------------------------------------|-------|------------|
| ImmunoCAP ISAC Starter Pack                                       | 1     | 81-1010-01 |
| Washing dish, 2 dishes, 10 chips each,                            |       |            |
| Humidity chamber, 1 chamber for 26 chips,                         |       |            |
| Magnetic stir bar, 2                                              |       |            |
| ImmunoCAP ISAC <sub>E112i</sub>                                   | 20    | 81-1020-01 |
| ImmunoCAP ISAC Control                                            | 1 x 1 | 81-1021-01 |
| ImmunoCAP ISAC Detection Antibody                                 | 1 x 1 | 81-1022-01 |
| Phadia MIA Enabling interpretation to ImmunoCAP ISAC test results |       | 81-1013-01 |
| Phadia MIA Data management and analysis software                  |       | 81-1009-01 |
| LuxScan™ 10K Microarray Scanner                                   |       | 81-1002-01 |

## ImmunoCAP ISAC<sub>E112i</sub> Allergen Components

| Allergen component    | Allergen source<br>COMMON NAME | LATIN NAME                    | PROTEIN<br>GROUP                |
|-----------------------|--------------------------------|-------------------------------|---------------------------------|
| <b>Food Allergens</b> |                                |                               |                                 |
| nGal d 1              | Egg white                      | <i>Gallus domesticus</i>      | Ovomucoid                       |
| nGal d 2              | Egg white                      | <i>Gallus domesticus</i>      | Ovalbumin                       |
| nGal d 3              | Egg white                      | <i>Gallus domesticus</i>      | Conalbumin/Ovotransferrin       |
| nGal d 5              | Egg yolk/chicken meat          | <i>Gallus domesticus</i>      | Livetin/Serum albumin           |
| nBos d 4              | Cow's milk                     | <i>Bos domesticus</i>         | Alpha-lactalbumin               |
| nBos d 5              | Cow's milk                     | <i>Bos domesticus</i>         | Beta-lactoglobulin              |
| nBos d 6              | Cow's milk and meat            | <i>Bos domesticus</i>         | Serum albumin                   |
| nBos d 8              | Cow's milk                     | <i>Bos domesticus</i>         | Casein                          |
| nBos d lactoferrin    | Cow's milk                     | <i>Bos domesticus</i>         | Transferrin                     |
| rGad c 1              | Cod                            | <i>Gadus callarias</i>        | Parvalbumin                     |
| nPen m 1              | Shrimp                         | <i>Penaeus monodon</i>        | Tropomyosin                     |
| nPen m 2              | Shrimp                         | <i>Penaeus monodon</i>        | Arginine kinase                 |
| nPen m 4              | Shrimp                         | <i>Penaeus monodon</i>        | Sarcoplasmic Ca-binding protein |
| rAna o 2              | Cashew nut                     | <i>Anacardium occidentale</i> | Storage protein, 11S globulin   |
| rAna o 3              | Cashew nut                     | <i>Anacardium occidentale</i> | Storage protein, 2S albumin     |
| rBer e 1              | Brazil nut                     | <i>Bertholletia excelsa</i>   | Storage protein, 2S albumin     |
| rCor a 1.0401         | Hazelnut                       | <i>Corylus avellana</i>       | PR-10 protein                   |
| rCor a 8              | Hazelnut                       | <i>Corylus avellana</i>       | Lipid transfer protein (nsLTP)  |
| nCor a 9              | Hazelnut                       | <i>Corylus avellana</i>       | Storage protein, 11S globulin   |
| rCor a 14             | Hazelnut                       | <i>Corylus avellana</i>       | Storage protein, 2S albumin     |
| rJug r 1              | Walnut                         | <i>Juglans regia</i>          | Storage protein, 2S albumin     |
| nJug r 3              | Walnut                         | <i>Juglans regia</i>          | Lipid transfer protein (nsLTP)  |
| rSes i 1              | Sesame seed                    | <i>Sesamum indicum</i>        | Storage protein, 2S albumin     |

## ImmunoCAP ISACE<sub>112</sub> Allergen Components, cont'd

| Allergen component    | Allergen source<br>COMMON NAME | LATIN NAME                     | PROTEIN<br>GROUP                  |
|-----------------------|--------------------------------|--------------------------------|-----------------------------------|
| <b>Food Allergens</b> |                                |                                |                                   |
| rAra h 1              | Peanut                         | <i>Arachis hypogaea</i>        | Storage protein, 7S globulin      |
| rAra h 2              | Peanut                         | <i>Arachis hypogaea</i>        | Storage protein, 2S albumin       |
| rAra h 3              | Peanut                         | <i>Arachis hypogaea</i>        | Storage protein, 11S globulin     |
| nAra h 6              | Peanut                         | <i>Arachis hypogaea</i>        | Storage protein, 2S albumin       |
| rAra h 8              | Peanut                         | <i>Arachis hypogaea</i>        | PR-10 protein                     |
| rAra h 9              | Peanut                         | <i>Arachis hypogaea</i>        | Lipid transfer protein (nsLTP)    |
| rGly m 4              | Soybean                        | <i>Glycine max</i>             | PR-10 protein                     |
| nGly m 5              | Soybean                        | <i>Glycine max</i>             | Storage protein, Beta-conglycinin |
| nGly m 6              | Soybean                        | <i>Glycine max</i>             | Storage protein, Glycinin         |
| nFag e 2              | Buckwheat                      | <i>Fagopyrum esculentum</i>    | Storage protein, 2S albumin       |
| rTri a 14             | Wheat                          | <i>Triticum aestivum</i>       | Lipid transfer protein (nsLTP)    |
| rTri a 19.0101        | Wheat                          | <i>Triticum aestivum</i>       | Omega-5 gliadin                   |
| nTri a aA_Tl          | Wheat                          | <i>Triticum aestivum</i>       | Alpha-amylase/Trypsin inhibitor   |
| nAct d 1              | Kiwi                           | <i>Actinidia deliciosa</i>     | Thaumatococcal protein            |
| nAct d 2              | Kiwi                           | <i>Actinidia deliciosa</i>     |                                   |
| nAct d 5              | Kiwi                           | <i>Actinidia deliciosa</i>     |                                   |
| rAct d 8              | Kiwi                           | <i>Actinidia deliciosa</i>     | PR-10 protein                     |
| rApi g 1              | Celery                         | <i>Apium graveolens</i>        | PR-10 protein                     |
| rMal d 1              | Apple                          | <i>Malus domestica</i>         | PR-10 protein                     |
| rPru p 1              | Peach                          | <i>Prunus persica</i>          | PR-10 protein                     |
| rPru p 3              | Peach                          | <i>Prunus persica</i>          | Lipid transfer protein (nsLTP)    |
| <b>Aeroallergens</b>  |                                |                                |                                   |
| nCyn d 1              | Bermuda grass                  | <i>Cynodon dactylon</i>        | Grass group 1                     |
| rPhl p 1              | Timothy                        | <i>Phleum pratense</i>         | Grass group 1                     |
| rPhl p 2              | Timothy                        | <i>Phleum pratense</i>         | Grass group 2                     |
| nPhl p 4              | Timothy                        | <i>Phleum pratense</i>         | Grass group 5                     |
| rPhl p 5b             | Timothy                        | <i>Phleum pratense</i>         |                                   |
| rPhl p 6              | Timothy                        | <i>Phleum pratense</i>         |                                   |
| rPhl p 7              | Timothy                        | <i>Phleum pratense</i>         | Polcalcin                         |
| rPhl p 11             | Timothy                        | <i>Phleum pratense</i>         | Profilin                          |
| rPhl p 12             | Timothy                        | <i>Phleum pratense</i>         |                                   |
| rAln g 1              | Alder                          | <i>Alnus glutinosa</i>         | PR-10 protein                     |
| rBet v 1              | Birch                          | <i>Betula verrucosa</i>        | PR-10 protein                     |
| rBet v 2              | Birch                          | <i>Betula verrucosa</i>        | Profilin                          |
| rBet v 4              | Birch                          | <i>Betula verrucosa</i>        | Polcalcin                         |
| rCor a 1.0101         | Hazel pollen                   | <i>Corylus avellana</i>        | PR-10 protein                     |
| nCry j 1              | Japanese cedar                 | <i>Cryptomeria japonica</i>    | Lipid transfer protein (nsLTP)    |
| nCup a 1              | Cypress                        | <i>Cupressus arizonica</i>     |                                   |
| rOle e 1              | Olive                          | <i>Olea europaea</i>           |                                   |
| nOle e 7              | Olive                          | <i>Olea europaea</i>           | Lipid transfer protein (nsLTP)    |
| rOle e 9              | Olive                          | <i>Olea europaea</i>           |                                   |
| rPla a 1              | Plane tree                     | <i>Platanus acerifolia</i>     | Lipid transfer protein (nsLTP)    |
| rPla a 3              | Plane tree                     | <i>Platanus acerifolia</i>     |                                   |
| nAmb a 1              | Ragweed                        | <i>Ambrosia artemisiifolia</i> | Lipid transfer protein (nsLTP)    |
| nArt v 1              | Mugwort                        | <i>Artemisia vulgaris</i>      |                                   |
| nArt v 3              | Mugwort                        | <i>Artemisia vulgaris</i>      |                                   |
| rChe a 1              | Goosefoot                      | <i>Chenopodium album</i>       | Profilin                          |
| rMer a 1              | Annual mercury                 | <i>Mercurialis annua</i>       | Lipid transfer protein (nsLTP)    |
| rPar j 2              | Wall pellitory                 | <i>Parietaria judaica</i>      |                                   |
| rPla l 1              | Plantain (English)             | <i>Plantago lanceolata</i>     |                                   |
| nSal k 1              | Saltwort                       | <i>Salsola kali</i>            |                                   |

**ImmunoCAP ISAC<sub>112i</sub> Allergen Components, cont'd**

| Allergen component | Allergen source<br>COMMON NAME | LATIN NAME                     | PROTEIN<br>GROUP          |
|--------------------|--------------------------------|--------------------------------|---------------------------|
| Aeroallergens      |                                |                                |                           |
| rCan f 1           | Dog                            | Canis familiaris               | Lipocalin                 |
| rCan f 2           | Dog                            | Canis familiaris               | Lipocalin                 |
| nCan f 3           | Dog                            | Canis familiaris               | Serum albumin             |
| rCan f 4           | Dog                            | Canis familiaris               | Lipocalin                 |
| rCan f 5           | Dog                            | Canis familiaris               | Arginine esterase         |
| rCan f 6           | Dog                            | Canis familiaris               | Lipocalin                 |
| rEqu c 1           | Horse                          | Equus caballus                 | Lipocalin                 |
| nEqu c 3           | Horse                          | Equus caballus                 | Serum albumin             |
| rFel d 1           | Cat                            | Felis domesticus               | Uteroglobin               |
| rFel d 2           | Cat                            | Felis domesticus               | Serum albumin             |
| rFel d 4           | Cat                            | Felis domesticus               | Lipocalin                 |
| nMus m 1           | Mouse                          | Mus musculus                   | Lipocalin                 |
|                    |                                |                                |                           |
| rAlt a 1           | Alternaria                     | Alternaria alternata           | Enolase                   |
| rAlt a 6           | Alternaria                     | Alternaria alternata           |                           |
| rAsp f 1           | Aspergillus                    | Aspergillus fumigatus          | Mn superoxide dismutase   |
| rAsp f 3           | Aspergillus                    | Aspergillus fumigatus          |                           |
| rAsp f 6           | Aspergillus                    | Aspergillus fumigatus          |                           |
| rCla h 8           | Cladosporium                   | Cladosporium herbarum          |                           |
|                    |                                |                                |                           |
| rBlo t 5           | House dust mite                | Blomia tropicalis              | Tropomyosin               |
| nDer f 1           | House dust mite                | Dermatophagoides farinae       |                           |
| rDer f 2           | House dust mite                | Dermatophagoides farinae       |                           |
| nDer p 1           | House dust mite                | Dermatophagoides pteronyssinus |                           |
| rDer p 2           | House dust mite                | Dermatophagoides pteronyssinus |                           |
| rDer p 10          | House dust mite                | Dermatophagoides pteronyssinus |                           |
| rDer p 23          | House dust mite                | Dermatophagoides pteronyssinus |                           |
| rLep d 2           | Storage mite                   | Lepidoglyphus destructor       |                           |
|                    |                                |                                |                           |
| rBla g 1           | Cockroach                      | Blattella germanica            | Tropomyosin               |
| rBla g 2           | Cockroach                      | Blattella germanica            |                           |
| rBla g 5           | Cockroach                      | Blattella germanica            |                           |
| nBla g 7           | Cockroach                      | Blattella germanica            |                           |
|                    |                                |                                |                           |
| Other              |                                |                                |                           |
| rAni s 1           | Anisakis                       | Anisakis simplex               | Serine protease inhibitor |
| rAni s 3           | Anisakis                       | Anisakis simplex               | Tropomyosin               |
|                    |                                |                                |                           |
| rHev b 1           | Latex                          | Hevea brasiliensis             | Profilin                  |
| rHev b 3           | Latex                          | Hevea brasiliensis             |                           |
| rHev b 5           | Latex                          | Hevea brasiliensis             |                           |
| rHev b 6.01        | Latex                          | Hevea brasiliensis             |                           |
| rHev b 8           | Latex                          | Hevea brasiliensis             |                           |
| nGal-alpha-1,3-Gal | (alpha-Gal)                    | Thyroglobuline, bovine         |                           |
| nMUXF3             | Sugar epitope from Bromelain   |                                |                           |

## EliA™ Tests for Diagnostic Use<sup>(x)</sup>

EliA is an enzyme immunoassay to measure autoantibodies as an aid in the diagnosis of autoimmune diseases such as rheumatoid arthritis, celiac disease or systemic lupus erythematosus. EliA runs on the fully automated Phadia™ Laboratory Systems (Phadia 100, Phadia 200, Phadia 250, Phadia 2500+ and Phadia 5000+) and makes the measurement of a broad panel of autoantibodies easy, reliable and economic.

| Product                         | Art. No.   | Size   | Antigen                                                                                                                                                                                                 | Cut-Off     |               |             | Shortname |
|---------------------------------|------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|-----------|
|                                 |            |        |                                                                                                                                                                                                         | Negative    | Equivocal     | Positive    |           |
| Connective tissue diseases      |            |        |                                                                                                                                                                                                         |             |               |             |           |
| EliA CTD Screen Well            | 14-5596-01 | 4 x 12 | human recombinant U1RNP (RNP70, A, C), SS-A/Ro (60 kDa, 52 kDa), SS-B/La, Centromere B, Scl-70, Jo-1, fibrillarin, RNA Pol III, Rib-P, PM-Scl, PCNA, Mi-2 proteins, Sm proteins and native purified DNA | < 0.7 Ratio | 0.7-1.0 Ratio | > 1.0 Ratio | ctd       |
| EliA Symphony Well              | 14-5508-01 | 4 x 12 | human recombinant U1RNP (RNP70, A, C), SS-A/Ro (60 kDa, 52 kDa), SS-B/La, Centromere B, Scl-70 and Jo-1 proteins, native purified Sm proteins                                                           | < 0.7 Ratio | 0.7-1.0 Ratio | > 1.0 Ratio | sy        |
| EliA Symphony <sup>s</sup> Well | 14-5671-01 | 4 x 16 | human recombinant U1RNP (RNP70, A, C), SS-A/Ro (60 kDa, 52 kDa), SS-B/La, Centromere B, Scl-70 and Jo-1 proteins, synthetic SmD <sub>3</sub> peptide                                                    | < 0.7 Ratio | 0.7-1.0 Ratio | > 1.0 Ratio | sys       |
| EliA dsDNA Well                 | 14-5500-01 | 4 x 12 | double-stranded plasmid DNA                                                                                                                                                                             | < 10 IU/ml  | 10-15 IU/ml   | > 15 IU/ml  | dn        |
| EliA ssDNA Well                 | 14-5629-01 | 2 x 12 | synthetic ssDNA                                                                                                                                                                                         | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | sdn       |
| EliA U1RNP Well                 | 14-5501-01 | 4 x 12 | human recombinant U1RNP (RNP70, A, C) proteins                                                                                                                                                          | < 5 U/ml    | 5-10 U/ml     | > 10 U/ml   | rn        |
| EliA RNP70 Well                 | 14-5511-01 | 4 x 12 | human recombinant RNP70 protein                                                                                                                                                                         | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | 70        |
| EliA SmD <sup>p</sup> Well      | 14-5624-01 | 4 x 12 | synthetic SmD <sub>3</sub> peptide                                                                                                                                                                      | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | smd       |
| EliA SmDP-S Well                | 14-5672-01 | 4 x 16 | synthetic SmD3 peptide                                                                                                                                                                                  | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | sms       |
| EliA Ro Well                    | 14-5503-01 | 4 x 12 | human recombinant SS-A/Ro (60 kDa, 52 kDa) proteins                                                                                                                                                     | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | ro        |
| EliA Ro52 Well                  | 14-5598-01 | 2 x 12 | human recombinant SS-A/Ro (52 kDa) protein                                                                                                                                                              | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | ro52      |
| EliA Ro60 Well                  | 14-5525-01 | 4 x 12 | human recombinant SS-A/Ro (60 kDa) protein                                                                                                                                                              | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | ro60      |
| EliA La Well                    | 14-5504-01 | 4 x 12 | human recombinant SS-B/La protein                                                                                                                                                                       | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | la        |
| EliA CENP Well                  | 14-5505-01 | 2 x 12 | human recombinant centromere protein B                                                                                                                                                                  | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | ce        |
| EliA Scl-70 <sup>s</sup> Well   | 14-5637-01 | 2 x 12 | human recombinant Scl-70 protein                                                                                                                                                                        | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | scs       |
| EliA RNA Pol III Well*          | 14-5599-01 | 2 x 12 | human recombinant RNA polymerase III protein                                                                                                                                                            | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | pol3      |
| EliA Jo-1 Well                  | 14-5507-01 | 2 x 12 | human recombinant Jo-1 protein                                                                                                                                                                          | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | jo        |
| EliA Fibrillarin Well           | 14-5605-01 | 2 x 12 | human recombinant fibrillarin protein                                                                                                                                                                   | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | fib       |
| EliA Rib-P Well                 | 14-5521-01 | 2 x 12 | human recombinant Rib-P proteins (P0, P1, P2)                                                                                                                                                           | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | rp        |
| EliA PM-Scl Well                | 14-5602-01 | 2 x 12 | human recombinant PM-Scl protein                                                                                                                                                                        | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | pmsc      |
| EliA PCNA Well                  | 14-5603-01 | 2 x 12 | human recombinant PCNA protein                                                                                                                                                                          | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | pcna      |
| EliA Mi-2 Well                  | 14-5604-01 | 2 x 12 | human recombinant Mi-2 protein                                                                                                                                                                          | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | mi        |
| EliA DFS70 Well*/***            | 14-5673-01 | 2 x 16 | human recombinant DFS70 protein                                                                                                                                                                         | < 7 U/ml    | 7-10 U/ml     | > 10 U/ml   | dfs       |

| Product                             | Art. No.   | Size   | Antigen                                                      | Cut-Off       |                             |              | Shortname |
|-------------------------------------|------------|--------|--------------------------------------------------------------|---------------|-----------------------------|--------------|-----------|
|                                     |            |        |                                                              | Negative      | Equivocal                   | Positive     |           |
| Rheumatoid arthritis                |            |        |                                                              |               |                             |              |           |
| EliA CCP Well                       | 14-5515-01 | 4 x 12 | citrullinated synthetic peptides, second generation antigen  | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | cp        |
| EliA CCP IgA Well                   | 14-5615-01 | 2 x 12 | citrullinated synthetic peptides, second generation antigen  | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Acp       |
| EliA RF IgM Well                    | 14-5600-01 | 4 x 12 | aggregated rabbit IgG                                        | < 3.5 IU/ml   | 3.5-5.0 IU/ml               | > 5.0 IU/ml  | Mrf       |
| EliA RF IgA Well                    | 14-5601-01 | 4 x 12 | aggregated rabbit IgG                                        | < 14 IU/ml    | 14-20 IU/ml                 | > 20 IU/ml   | Arf       |
| EliA RF IgG Well                    | 14-5617-01 | 4 x 12 | rabbit IgG                                                   | < 28 IU/ml    | 28-40 IU/ml                 | > 40 IU/ml   | Grf       |
| Vasculitis and Goodpasture syndrome |            |        |                                                              |               |                             |              |           |
| EliA PR3 <sup>S</sup> Well          | 14-5536-01 | 4 x 12 | human purified proteinase 3                                  | < 2.0 IU/ml   | 2.0-3.0 IU/ml               | > 3.0 IU/ml  | prs       |
| EliA MPO <sup>S</sup> Well          | 14-5537-01 | 4 x 12 | human purified myeloperoxidase                               | < 3.5 IU/ml   | 3.5-5.0 IU/ml               | > 5.0 IU/ml  | mps       |
| EliA GBM Well                       | 14-5514-01 | 2 x 12 | human recombinant α3 chain of collagen IV                    | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | gb        |
| Antiphospholipid syndrome           |            |        |                                                              |               |                             |              |           |
| EliA Cardiolipin IgG Well           | 14-5529-01 | 4 x 12 | bovine cardiolipin and bovine β2-glycoprotein I as co-factor | < 10 GPL-U/ml | 10-40 GPL-U/ml <sup>#</sup> | >40 GPL-U/ml | Gcl       |
| EliA Cardiolipin IgM Well           | 14-5530-01 | 4 x 12 | bovine cardiolipin and bovine β2-glycoprotein I as co-factor | < 10 MPL-U/ml | 10-40 MPL-U/ml <sup>#</sup> | >40 MPL-U/ml | Mcl       |
| EliA Cardiolipin IgA Well           | 14-5528-01 | 2 x 12 | bovine cardiolipin and bovine β2-glycoprotein I as co-factor | < 14 APL-U/ml | 14-20 APL-U/ml              | >20 APL-U/ml | Acl       |
| EliA β2-Glycoprotein I IgG Well     | 14-5532-01 | 4 x 12 | human purified β2-glycoprotein I antigen                     | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Gb2       |
| EliA β2-Glycoprotein I IgM Well     | 14-5533-01 | 4 x 12 | human purified β2-glycoprotein I antigen                     | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Mb2       |
| EliA β2-Glycoprotein I IgA Well     | 14-5531-01 | 2 x 12 | human purified β2-glycoprotein I antigen                     | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Ab2       |
| Celiac disease                      |            |        |                                                              |               |                             |              |           |
| EliA Celikey IgA Well               | 14-5517-01 | 4 x 12 | human recombinant tissue transglutaminase                    | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Acy       |
| EliA Celikey IgG Well               | 14-5518-01 | 2 x 12 | human recombinant tissue transglutaminase                    | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Gcy       |
| EliA Gliadin IgA Well               | 14-5519-01 | 4 x 12 | wheat gliadin antigen                                        | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | AgI       |
| EliA Gliadin IgG Well               | 14-5520-01 | 4 x 12 | wheat gliadin antigen                                        | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Ggl       |
| EliA Gliadin <sup>DP</sup> IgA Well | 14-5538-01 | 4 x 12 | synthetic deamidated gliadin peptides                        | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Agp       |
| EliA Gliadin <sup>DP</sup> IgG Well | 14-5539-01 | 4 x 12 | synthetic deamidated gliadin peptides                        | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Ggp       |
| Inflammatory bowel diseases         |            |        |                                                              |               |                             |              |           |
| EliA Calprotectin Well <sup>™</sup> | 14-5610-01 | 4 x 12 | monoclonal antibodies to calprotectin                        | ≤ 50 mg/kg    | -                           | > 50 mg/kg   | cn        |
| EliA Calprotectin 2 Well            | 14-6748-01 | 4 x 16 | monoclonal antibodies to calprotectin                        | ≤ 50 mg/kg    | -                           | > 50 mg/kg   | cn2       |
| EliA ASCA IgG Well                  | 14-5635-01 | 4 x 12 | mannan of <i>S. cerevisiae</i>                               | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Gsc       |
| EliA ASCA IgA Well                  | 14-5633-01 | 4 x 12 | mannan of <i>S. cerevisiae</i>                               | < 7 U/ml      | 7-10 U/ml                   | > 10 U/ml    | Asc       |



| Product                              | Art. No.   | Size   | Antigen                                                                                  | Cut-Off    |              |            | Shortname |
|--------------------------------------|------------|--------|------------------------------------------------------------------------------------------|------------|--------------|------------|-----------|
|                                      |            |        |                                                                                          | Negative   | Equivocal    | Positive   |           |
| Pernicious anemia                    |            |        |                                                                                          |            |              |            |           |
| EliA Intrinsic Factor Well           | 14-5668-01 | 2 x 12 | human gastric intrinsic factor                                                           | < 7 U/ml   | 7-10 U/ml    | > 10 U/ml  | inf       |
| EliA Parietal Cell Well              | 14-5669-01 | 2 x 12 | H <sup>+</sup> /K <sup>+</sup> ATPase of gastric cells                                   | < 7 U/ml   | 7-10 U/ml    | > 10 U/ml  | par       |
| Thyroid diseases                     |            |        |                                                                                          |            |              |            |           |
| EliA anti-TG Well                    | 14-5642-01 | 4 x 16 | human thyroglobulin antigen                                                              | < 40 IU/ml | 40-60 IU/ml  | > 60 IU/ml | thg       |
| EliA anti-TPO Well                   | 14-5641-01 | 4 x 16 | human recombinant thyroid peroxidase                                                     | < 25 IU/ml | 25-35 IU/ml  | > 35 IU/ml | tpo       |
| EliA anti-TSH-R Well <sup>*/**</sup> | 14-5639-01 | 4 x 16 | human recombinant TSH receptor antigen                                                   | < 2.9 IU/L | 2.9-3.3 IU/L | > 3.3 IU/L | tsr       |
| Liver disease                        |            |        |                                                                                          |            |              |            |           |
| EliA M2 Well                         | 14-5649-01 | 4 x 12 | native pyruvate dehydrogenase complex from mitochondria and human recombinant M2 protein | < 4 IU/ml  | 4-6 IU/ml    | > 6 IU/ml  | m2G       |
| Immunodeficiency                     |            |        |                                                                                          |            |              |            |           |
| EliA Anti-IgA Well                   | 14-5535-01 | 2 x 12 | purified human IgA                                                                       | < 7 U/ml   | 7-10 U/ml    | > 10 U/ml  | aiga      |

\* not available on Phadia 100

\*\* not available on Phadia 200

\*\*\* not available on Phadia 2500/5000

<sup>(n)</sup> product availability not guaranteed in all countries

\* Cut-off weak positive



**Test Specific Reagents for EliA tests (Phadia 2500 / Phadia 5000)**

| <b>Product</b>                               | <b>Size</b> | <b>Art. No.</b> |
|----------------------------------------------|-------------|-----------------|
| EliA ANA Positive Control 2500/5000          | 6 x 2       | 83-1073-01      |
| EliA CCP Positive Control 2500/5000          | 6 x 2       | 83-1076-01      |
| EliA RF Positive Control 2500/5000           | 6 x 2       | 83-1087-01      |
| EliA APS Positive Control 2500/5000          | 6 x 2       | 83-1078-01      |
| EliA ANCA/GBM Positive Control 2500/5000     | 6 x 2       | 83-1075-01      |
| EliA Celiac Positive Control 2500/5000       | 6 x 2       | 83-1077-01      |
| EliA Calprotectin Positive Control 2500/5000 | 6 x 2       | 83-1084-01      |
| EliA Calprotectin Negative Control 2500/5000 | 6 x 2       | 83-1086-01      |
| EliA ASCA Positive Control 2500/5000         | 6 x 2       | 83-1108-01      |
| EliA Thyroid Positive Control 2500/5000      | 6 x 2       | 83-1114-01      |
| EliA M2 Positive Control 2500/5000           | 6 x 2       | 83-1105-01      |
| EliA ssDNA Positive Control 2500/5000        | 6 x 2       | 83-1143-01      |
| EliA IgG/IgM/IgA Negative Control 2500/5000  | 6 x 2       | 83-1074-01      |
| EliA Gastric Positive Control 2500/5000      | 6 x 2       | 83-1146-01      |

**Method Specific Reagents for EliA tests (Phadia 2500 / Phadia 5000)**

| <b>Product</b>                           | <b>Size</b> | <b>Art. No.</b> |
|------------------------------------------|-------------|-----------------|
| EliA IgG Calibrator Well                 | 4 x 12      | 14-5509-01      |
| EliA IgG Calibrator Strips               | 5 x 1 curve | 83-1015-01      |
| EliA IgG Curve Control Strips            | 5 x 6 runs  | 83-1016-01      |
| EliA IgG Conjugate 50                    | 6 x 50      | 83-1017-01      |
| EliA IgG Conjugate 200                   | 6 x 200     | 83-1018-01      |
| EliA IgA Calibrator Well                 | 4 x 12      | 14-5516-01      |
| EliA IgA Calibrator Strips               | 5 x 1 curve | 83-1019-01      |
| EliA IgA Curve Control Strips            | 5 x 6 runs  | 83-1020-01      |
| EliA IgA Conjugate 50                    | 6 x 50      | 83-1021-01      |
| EliA IgA Conjugate 200                   | 6 x 200     | 83-1022-01      |
| EliA IgM Calibrator Well                 | 4 x 12      | 14-5527-01      |
| EliA IgM Calibrator Strips               | 5 x 1 curve | 83-1052-01      |
| EliA IgM Curve Control Strips            | 5 x 6 runs  | 83-1053-01      |
| EliA IgM Conjugate 50                    | 6 x 50      | 83-1051-01      |
| EliA IgM Conjugate 200                   | 6 x 200     | 83-1072-01      |
| EliA Calprotectin Calibrator Well        | 4 x 12      | 14-5618-01      |
| EliA Calprotectin Calibrator Strips      | 5 x 1 curve | 83-1062-01      |
| EliA Calprotectin Curve Control Strips   | 5 x 6 runs  | 83-1063-01      |
| EliA Calprotectin Conjugate 50           | 6 x 50      | 83-1064-01      |
| EliA Calprotectin Conjugate 200          | 6 x 200     | 83-1065-01      |
| EliA Stool Extraction Kit                | 50 tubes    | 14-5638-01      |
| EliA Calprotectin Extraction Buffer      | 6 x 23      | 83-1068-01      |
| EliA Calprotectin 2 Calibrator Well      | 4 x 16      | 14-5667-01      |
| EliA Calprotectin 2 Calibrator Strips    | 5 x 1 curve | 83-1123-01      |
| EliA Calprotectin 2 Curve Control Strips | 5 x 6 runs  | 83-1129-01      |
| EliA Calprotectin 2 Conjugate 50         | 6 x 50      | 83-1127-01      |
| EliA Calprotectin 2 Conjugate 200        | 6 x 200     | 83-1128-01      |
| EliA Stool Extraction Kit 2              | 50 tubes    | 14-5651-01      |
| EliA Calprotectin 2 Extraction Buffer    | 6 x 15      | 83-1147-01      |
| Faecal sample preparation kit            | 50 tubes    | 14-5619-01      |
| EliA Sample Diluent                      | 6 x 400 ml  | 83-1071-01      |
| EliA anti-TSH-R Sample Diluent           | 6 x 48 ml   | 83-1122-01      |
| EliA anti-TSH-R Calibrator Strips        | 5 x 1 curve | 83-1111-01      |
| EliA anti-TSH-R Curve Control Strips     | 5 x 6 runs  | 83-1112-01      |
| EliA anti-TSH-R Conjugate 50             | 6 x 50      | 83-1109-01      |
| EliA anti-TSH-R Conjugate 200            | 6 x 200     | 83-1110-01      |

**Test Specific Reagents for EliA tests (Phadia 250)**

| <b>Product</b>                         | <b>Size</b> | <b>Art. No.</b> |
|----------------------------------------|-------------|-----------------|
| EliA ANA Positive Control 250          | 6 x 2       | 83-1033-01      |
| EliA CCP Positive Control 250          | 6 x 2       | 83-1035-01      |
| EliA RF Positive Control 250           | 6 x 2       | 83-1070-01      |
| EliA APS Positive Control 250          | 6 x 2       | 83-1055-01      |
| EliA ANCA/GBM Positive Control 250     | 6 x 2       | 83-1034-01      |
| EliA Celiac Positive Control 250       | 6 x 2       | 83-1036-01      |
| EliA Calprotectin Positive Control 250 | 6 x 2       | 83-1083-01      |
| EliA Calprotectin Negative Control 250 | 6 x 2       | 83-1085-01      |
| EliA ASCA Positive Control 250         | 6 x 2       | 83-1107-01      |
| EliA Thyroid Positive Control 250      | 6 x 2       | 83-1113-01      |
| EliA M2 Positive Control 250           | 6 x 2       | 83-1104-01      |
| EliA Anti-IgA Positive Control 250     | 6 x 2       | 83-1080-01      |
| EliA ssDNA Positive Control 250        | 6 x 2       | 83-1142-01      |
| EliA IgG/IgM/IgA Negative Control 250  | 6 x 2       | 83-1037-01      |
| EliA Gastric Positive Control 250      | 6 x 2       | 83-1145-01      |

**Method Specific Reagents for EliA tests (Phadia 250)**

| <b>Product</b>                           | <b>Size</b> | <b>Art. No.</b> |
|------------------------------------------|-------------|-----------------|
| EliA IgG Calibrator Well                 | 4 x 12      | 14-5509-01      |
| EliA IgG Calibrator Strips               | 5 x 1 curve | 83-1015-01      |
| EliA IgG Curve Control Strips            | 5 x 6 runs  | 83-1016-01      |
| EliA IgG Conjugate 50                    | 6 x 50      | 83-1017-01      |
| EliA IgG Conjugate 200                   | 6 x 200     | 83-1018-01      |
| EliA IgA Calibrator Well                 | 4 x 12      | 14-5516-01      |
| EliA IgA Calibrator Strips               | 5 x 1 curve | 83-1019-01      |
| EliA IgA Curve Control Strips            | 5 x 6 runs  | 83-1020-01      |
| EliA IgA Conjugate 50                    | 6 x 50      | 83-1021-01      |
| EliA IgA Conjugate 200                   | 6 x 200     | 83-1022-01      |
| EliA IgM Calibrator Well                 | 4 x 12      | 14-5527-01      |
| EliA IgM Calibrator Strips               | 5 x 1 curve | 83-1052-01      |
| EliA IgM Curve Control Strips            | 5 x 6 runs  | 83-1053-01      |
| EliA IgM Conjugate 50                    | 6 x 50      | 83-1051-01      |
| EliA IgM Conjugate 200                   | 6 x 200     | 83-1072-01      |
| EliA Calprotectin Calibrator Well        | 4 x 12      | 14-5618-01      |
| EliA Calprotectin Calibrator Strips      | 5 x 1 curve | 83-1062-01      |
| EliA Calprotectin Curve Control Strips   | 5 x 6 runs  | 83-1063-01      |
| EliA Calprotectin Conjugate 50           | 6 x 50      | 83-1064-01      |
| EliA Calprotectin Conjugate 200          | 6 x 200     | 83-1065-01      |
| EliA Stool Extraction Kit                | 50 tubes    | 14-5638-01      |
| EliA Calprotectin Extraction Buffer      | 6 x 23      | 83-1068-01      |
| EliA Calprotectin 2 Calibrator Well      | 4 x 16      | 14-5667-01      |
| EliA Calprotectin 2 Calibrator Strips    | 5 x 1 curve | 83-1123-01      |
| EliA Calprotectin 2 Curve Control Strips | 5 x 6 runs  | 83-1129-01      |
| EliA Calprotectin 2 Conjugate 50         | 6 x 50      | 83-1127-01      |
| EliA Calprotectin 2 Conjugate 200        | 6 x 200     | 83-1128-01      |
| EliA Stool Extraction Kit 2              | 50 tubes    | 14-5651-01      |
| EliA Calprotectin 2 Extraction Buffer    | 6 x 15      | 83-1147-01      |
| Faecal sample preparation kit            | 50 tubes    | 14-5619-01      |
| EliA Sample Diluent                      | 6 x 48 ml   | 83-1023-01      |
| EliA anti-TSH-R Sample Diluent           | 6 x 48 ml   | 83-1121-01      |
| EliA anti-TSH-R Calibrator Strips        | 5 x 1 curve | 83-1111-01      |
| EliA anti-TSH-R Curve Control Strips     | 5 x 6 runs  | 83-1112-01      |
| EliA anti-TSH-R Conjugate 50             | 6 x 50      | 83-1109-01      |
| EliA anti-TSH-R Conjugate 200            | 6 x 200     | 83-1110-01      |

**Test Specific Reagents for EliA tests (Phadia 200)**

| Product                                | Size  | Art. No.   |
|----------------------------------------|-------|------------|
| EliA ANA Positive Control 200          | 6 x 2 | 83-1148-01 |
| EliA CCP Positive Control 200          | 6 x 2 | 83-1155-01 |
| EliA RF Positive Control 200           | 6 x 2 | 83-1159-01 |
| EliA APS Positive Control 200          | 6 x 2 | 83-1151-01 |
| EliA ANCA/GBM Positive Control 200     | 6 x 2 | 83-1149-01 |
| EliA Celiac Positive Control 200       | 6 x 2 | 83-1156-01 |
| EliA Calprotectin Positive Control 200 | 6 x 2 | 83-1154-01 |
| EliA Calprotectin Negative Control 200 | 6 x 2 | 83-1153-01 |
| EliA Thyroid Positive Control 200      | 6 x 2 | 83-1160-01 |
| EliA IgG/IgM/IgA Negative Control 200  | 6 x 2 | 83-1157-01 |
| EliA Gastric Positive Control 200      | 6 x 2 | 83-1168-01 |

**Method Specific Reagents for EliA tests (Phadia 200)**

| Product                                  | Size        | Art. No.   |
|------------------------------------------|-------------|------------|
| EliA IgG Calibrator Well                 | 4 x 12      | 14-5509-01 |
| EliA IgG Calibrator Strips               | 5 x 1 curve | 83-1015-01 |
| EliA IgG Curve Control Strips            | 5 x 6 runs  | 83-1016-01 |
| EliA IgG Conjugate 50                    | 6 x 50      | 83-1017-01 |
| EliA IgG Conjugate 200                   | 6 x 200     | 83-1018-01 |
| EliA IgA Calibrator Well                 | 4 x 12      | 14-5516-01 |
| EliA IgA Calibrator Strips               | 5 x 1 curve | 83-1019-01 |
| EliA IgA Curve Control Strips            | 5 x 6 runs  | 83-1020-01 |
| EliA IgA Conjugate 50                    | 6 x 50      | 83-1021-01 |
| EliA IgA Conjugate 200                   | 6 x 200     | 83-1022-01 |
| EliA IgM Calibrator Well                 | 4 x 12      | 14-5527-01 |
| EliA IgM Calibrator Strips               | 5 x 1 curve | 83-1052-01 |
| EliA IgM Curve Control Strips            | 5 x 6 runs  | 83-1053-01 |
| EliA IgM Conjugate 50                    | 6 x 50      | 83-1051-01 |
| EliA IgM Conjugate 200                   | 6 x 200     | 83-1072-01 |
| EliA Calprotectin 2 Calibrator Well      | 4 x 16      | 14-5667-01 |
| EliA Calprotectin 2 Calibrator Strips    | 5 x 1 curve | 83-1123-01 |
| EliA Calprotectin 2 Curve Control Strips | 5 x 6 runs  | 83-1129-01 |
| EliA Calprotectin 2 Conjugate 50         | 6 x 50      | 83-1127-01 |
| EliA Calprotectin 2 Conjugate 200        | 6 x 200     | 83-1128-01 |
| EliA Stool Extraction Kit 2              | 50 tubes    | 14-5651-01 |
| EliA Calprotectin 2 Extraction Buffer    | 6 x 15      | 83-1147-01 |
| Faecal sample preparation kit            | 50 tubes    | 14-5619-01 |
| EliA Sample Diluent                      | 6 x 20 ml   | 83-1144-01 |

**Test Specific Reagents for EliA tests (Phadia 100)**

| Product                                | Size  | Art. No.   |
|----------------------------------------|-------|------------|
| EliA ANA Positive Control 100          | 6 x 2 | 83-1038-01 |
| EliA CCP Positive Control 100          | 6 x 2 | 83-1040-01 |
| EliA RF Positive Control 100           | 6 x 2 | 83-1069-01 |
| EliA APS Positive Control 100          | 6 x 2 | 83-1054-01 |
| EliA ANCA/GBM Positive Control 100     | 6 x 2 | 83-1039-01 |
| EliA Celiac Positive Control 100       | 6 x 2 | 83-1041-01 |
| EliA Calprotectin Positive Control 100 | 6 x 2 | 83-1066-01 |
| EliA Calprotectin Negative Control 100 | 6 x 2 | 83-1067-01 |
| EliA ASCA Positive Control 100         | 6 x 2 | 83-1106-01 |
| EliA M2 Positive Control 100           | 6 x 2 | 83-1103-01 |
| EliA Anti-IgA Positive Control 100     | 6 x 2 | 83-1079-01 |
| EliA IgG/IgM/IgA Negative Control 100  | 6 x 2 | 83-1042-01 |

**Method Specific Reagents for EliA tests (Phadia 100)**

| Product                             | Size     | Art. No.   |
|-------------------------------------|----------|------------|
| EliA IgG Calibrator Well            | 4 x 12   | 14-5509-01 |
| EliA IgG Calibrators                | 1 curve  | 83-1000-01 |
| EliA IgG Curve Control              | 6 runs   | 83-1001-01 |
| EliA IgG Conjugate                  | 2 x 48   | 83-1005-01 |
| EliA IgG Conjugate                  | 6 x 48   | 83-1002-01 |
| EliA IgA Calibrator Well            | 4 x 12   | 14-5516-01 |
| EliA IgA Calibrators                | 1 curve  | 83-1013-01 |
| EliA IgA Curve Control              | 6 runs   | 83-1010-01 |
| EliA IgA Conjugate                  | 2 x 48   | 83-1012-01 |
| EliA IgA Conjugate                  | 6 x 48   | 83-1014-01 |
| EliA IgM Calibrator Well            | 4 x 12   | 14-5527-01 |
| EliA IgM Calibrators                | 1 curve  | 83-1049-01 |
| EliA IgM Curve Control              | 6 runs   | 83-1050-01 |
| EliA IgM Conjugate                  | 2 x 48   | 83-1031-01 |
| EliA IgM Conjugate                  | 6 x 48   | 83-1048-01 |
| EliA Calprotectin Calibrator Well   | 4 x 12   | 14-5618-01 |
| EliA Calprotectin Calibrators       | 1 curve  | 83-1058-01 |
| EliA Calprotectin Curve Control     | 6 runs   | 83-1059-01 |
| EliA Calprotectin Conjugate         | 2 x 48   | 83-1060-01 |
| EliA Calprotectin Conjugate         | 6 x 48   | 83-1061-01 |
| EliA Stool Extraction Kit           | 50       | 14-5638-01 |
| EliA Calprotectin Extraction Buffer | 6 x 24   | 83-1068-01 |
| Faecal sample preparation kit       | 50       | 14-5619-01 |
| EliA Sample Diluent                 | 6 x 9 ml | 83-1003-01 |
| EliA Dummy Well                     | 4 x 12   | 14-5510-01 |

## Performance Control for EliA Tests

| Name                            | REF        | EliA IgG<br>Curve<br>Control | EliA IgA<br>Curve<br>Control | EliA IgM<br>Curve<br>Control | EliA Cal-<br>protectin<br>Curve<br>Control | EliA Cal-<br>protectin<br>2 Curve<br>Control | EliA anti-<br>TSH-R<br>Curve<br>Control | EliA IgG/<br>IgM/IgA<br>Negative<br>Control | EliA Cal-<br>protectin<br>Negative<br>Control | EliA<br>ANA<br>Positive<br>Control |
|---------------------------------|------------|------------------------------|------------------------------|------------------------------|--------------------------------------------|----------------------------------------------|-----------------------------------------|---------------------------------------------|-----------------------------------------------|------------------------------------|
| EliA CTD Screen Well            | 14-5596-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA Symphony Well              | 14-5508-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA SymphonyS Well             | 14-5671-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA dsDNA Well                 | 14-5500-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA ssDNA Well                 | 14-5629-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA U1RNP Well                 | 14-5501-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA RNP70 Well                 | 14-5511-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA SmDP Well                  | 14-5624-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA SmDP-S Well                | 14-5672-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA Ro Well                    | 14-5503-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA Ro52 Well                  | 14-5598-01 | ✓                            |                              |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA Ro60 Well                  | 14-5525-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA La Well                    | 14-5504-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA CENP Well                  | 14-5505-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA Scl-70S Well               | 14-5637-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA RNA Pol III Well           | 14-5599-01 | ✓                            |                              |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA Jo-1 Well                  | 14-5507-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               | ✓                                  |
| EliA Fibrillarin Well           | 14-5605-01 | ✓                            |                              |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA Rib-P Well                 | 14-5521-01 | ✓                            |                              |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA PM-Scl Well                | 14-5602-01 | ✓                            |                              |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA PCNA Well                  | 14-5603-01 | ✓                            |                              |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA Mi-2 Well                  | 14-5604-01 | ✓                            |                              |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA DFS70 Well                 | 14-5673-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA CCP Well                   | 14-5515-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA CCP IgA Well               | 14-5615-01 |                              | ✓                            |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA RF IgM Well                | 14-5600-01 |                              |                              | ✓                            |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA RF IgA Well                | 14-5601-01 |                              | ✓                            |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA RF IgG Well                | 14-5617-01 | ✓                            |                              |                              |                                            |                                              |                                         |                                             |                                               |                                    |
| EliA PR3S Well                  | 14-5536-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA MPOS Well                  | 14-5537-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA GBM Well                   | 14-5514-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Cardiolipin IgG Well       | 14-5529-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Cardiolipin IgM Well       | 14-5530-01 |                              |                              | ✓                            |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Cardiolipin IgA Well       | 14-5528-01 |                              | ✓                            |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA β2-Glycoprotein I IgG Well | 14-5532-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA β2-Glycoprotein I IgM Well | 14-5533-01 |                              |                              | ✓                            |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA β2-Glycoprotein I IgA Well | 14-5531-01 |                              | ✓                            |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Celikey IgA Well           | 14-5517-01 |                              | ✓                            |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Celikey IgG Well           | 14-5518-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Gliadin IgA Well           | 14-5519-01 |                              | ✓                            |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Gliadin IgG Well           | 14-5520-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA GliadinDP IgA Well         | 14-5538-01 |                              | ✓                            |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA GliadinDP IgG Well         | 14-5539-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Calprotectin Well          | 14-5610-01 |                              |                              |                              | ✓                                          |                                              |                                         |                                             | ✓                                             |                                    |
| EliA Calprotectin 2 Well        | 14-6748-01 |                              |                              |                              |                                            | ✓                                            |                                         |                                             | ✓                                             |                                    |
| EliA ASCA IgG Well              | 14-5635-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA ASCA IgA Well              | 14-5633-01 |                              | ✓                            |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Intrinsic Factor Well      | 14-5668-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Parietal Cell Well         | 14-5669-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA anti-TG Well               | 14-5642-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA anti-TPO Well              | 14-5641-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Anti-TSH-R                 | 14-5639-01 |                              |                              |                              |                                            |                                              | ✓                                       | ✓                                           |                                               |                                    |
| EliA M2 Well                    | 14-5649-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |
| EliA Anti-IgA Well              | 14-5535-01 | ✓                            |                              |                              |                                            |                                              |                                         | ✓                                           |                                               |                                    |



Autoimmunity ELIA™ Products



### High productivity, automation and cost effectiveness

- Allergy and Autoimmunity testing in one run
- Throughput:
 

|                 |                            |
|-----------------|----------------------------|
| Phadia 5000:    | 960 ImmunoCAP results/hour |
| Phadia 5000E:   | 720 ImmunoCAP results/hour |
|                 | 150 EliA results/hour      |
| Phadia 5000E+E: | 480 ImmunoCAP results/hour |
|                 | 300 EliA results/hour      |
- Onboard dilutions (EliA)
- Continuous random access
- All reagents available onboard
- 28-day storage of calibrator curves
- Automatic start-up and shutdown function
- Remote diagnostics via Phadia LabCommunity
- Phadia Prime, Art. No. 12-4101-00

### True accuracy, high precision and outstanding quality

- Excellent consistency over time and between countries, systems, laboratories and users
- An allergen panel detecting sensitization to more than 650 allergens including more than 100 allergen components
- An autoimmunity panel for evaluation of over 20 diseases
- One of the largest quality assessment programs in the world

### Phadia 5000+ – System reagents and consumables

| Product                                       | ImmunoCAP   | EliA        | Art. No.   |
|-----------------------------------------------|-------------|-------------|------------|
|                                               | Size        | Size        |            |
| Development Solution                          | 6 x 2200    | 6 x > 1165  | 10-9314-01 |
| Stop Solution                                 | ~ 4600      | > 13100     | 34-2337-11 |
| Washing Solution Concentrate                  | 2800 ml     | 2800 ml     | 34-2337-21 |
| Washing Solution Additive                     | 4 x 850 ml  | 4 x 850 ml  | 10-9518-01 |
| Pipette Tips (5000), Phadia 1000              | 10 x 500    |             | 12-3805-03 |
| Pipette Tips in Racks (3840), Phadia 1000     | 24 x 160    |             | 12-3805-04 |
| Dilution well                                 | 50 x 18     |             | 12-4005-69 |
| Maintenance Bottle, Diluent, Phadia 2500/5000 | 1           |             | 12-4005-70 |
| Maintenance Solution Kit Large                | 1 procedure | 1 procedure | 10-9537-01 |

### Phadia 5000+ Instruments

| Product        | Size | Art. No.   |
|----------------|------|------------|
| Phadia 5000    | 1    | 12-4000-00 |
| Phadia 5000E   | 1    | 12-4000-01 |
| Phadia 5000E+E | 1    | 12-4000-02 |

### Phadia 5000+ Accessories

| Product                                        | Size | Art. No.   |
|------------------------------------------------|------|------------|
| Conjugate Storage Tray, Phadia 2500/5000       | 1    | 12-4005-71 |
| Carrier Waste Container, Phadia 2500/5000      | 1    | 12-4005-72 |
| Solid Waste Container, Phadia 2500/5000        | 1    | 12-4005-73 |
| Carrier Waste Container Tray, Phadia 2500/5000 | 1    | 12-4005-74 |
| Solid Waste Container Tray, Phadia 2500/5000   | 1    | 12-4005-75 |
| Sample Rack, Phadia 2500/5000                  | 10   | 12-4005-76 |
| QC Rack, Fixed Position, Phadia 2500/5000      | 2    | 12-4005-77 |
| Carrier Rack, Phadia 2500/5000                 | 5    | 12-4005-78 |
| Strip Rack, Phadia 2500/5000                   | 4    | 12-4005-79 |
| Pipette Tip Rack, Phadia 2500/5000             | 4    | 12-4005-80 |
| Loading Tray, Phadia 2500/5000                 | 1    | 12-4005-81 |
| QC Rack, Phadia 2500/5000                      | 4    | 12-4005-82 |
| Cleaning Solution Tank, Phadia 2500/5000       | 1    | 12-4005-83 |

Please note that all products are not available in all countries. The article number's two digit suffix (-01) may vary between countries.



### High productivity, automation and cost effectiveness

- Allergy and Autoimmunity testing in one run
- Throughput:
  - Phadia 2500: 480 ImmunoCAP results/hour
  - Phadia 2500E: 240 ImmunoCAP results/hour
  - Phadia 2500EE: 150 EliA results/hour
  - Phadia 2500EE: 300 EliA results/hour
- Onboard dilutions (EliA)
- Continuous random access
- All reagents available onboard
- 28-day storage of calibrator curves
- Automatic start-up and shutdown function
- Remote diagnostics via Phadia LabCommunity
- Phadia Prime, Art. No. 12-4101-00

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- An autoimmunity panel for evaluation of over 20 diseases
- One of the largest quality assessment programs in the world

### Phadia 2500<sup>+</sup> –System reagents and consumables

| Product                                       | ImmunoCAP    | EliA         | Art. No.   |
|-----------------------------------------------|--------------|--------------|------------|
|                                               | Size         | Size         |            |
| Development Solution                          | 6 x 2200     | 6 x > 1165   | 10-9314-01 |
| Stop Solution                                 | ~ 4600       | > 13100      | 34-2337-11 |
| Washing Solution Concentrate                  | 2800 ml      | 2800 ml      | 34-2337-21 |
| Washing Solution Additive                     | 4 x 850 ml   | 4 x 850 ml   | 10-9518-01 |
| Pipette Tips (5000), Phadia 1000              | 10 x 500     |              | 12-3805-03 |
| Pipette Tips in Racks (3840), Phadia 1000     | 24 x 160     |              | 12-3805-04 |
| Dilution well                                 |              | 50 x 18      | 12-4005-69 |
| Maintenance Bottle, Diluent, Phadia 2500/5000 | 1            |              | 12-4005-70 |
| Maintenance Solution Kit Large                | 2 procedures | 2 procedures | 10-9537-01 |

### Phadia 2500<sup>+</sup> Instruments

| Product       | Size | Art. No.   |
|---------------|------|------------|
| Phadia 2500   | 1    | 12-4100-00 |
| Phadia 2500E  | 1    | 12-4100-01 |
| Phadia 2500EE | 1    | 12-4100-02 |

### Phadia 2500<sup>+</sup> Accessories

| Product                                        | Size | Art. No.   |
|------------------------------------------------|------|------------|
| Conjugate Storage Tray, Phadia 2500/5000       | 1    | 12-4005-71 |
| Carrier Waste Container, Phadia 2500/5000      | 1    | 12-4005-72 |
| Solid Waste Container, Phadia 2500/5000        | 1    | 12-4005-73 |
| Carrier Waste Container Tray, Phadia 2500/5000 | 1    | 12-4005-74 |
| Solid Waste Container Tray, Phadia 2500/5000   | 1    | 12-4005-75 |
| Sample Rack, Phadia 2500/5000                  | 10   | 12-4005-76 |
| QC Rack, Fixed Position, Phadia 2500/5000      | 2    | 12-4005-77 |
| Carrier Rack, Phadia 2500/5000                 | 5    | 12-4005-78 |
| Strip Rack, Phadia 2500/5000                   | 4    | 12-4005-79 |
| Pipette Tip Rack, Phadia 2500/5000             | 4    | 12-4005-80 |
| Loading Tray, Phadia 2500/5000                 | 1    | 12-4005-81 |
| QC Rack, Phadia 2500/5000                      | 4    | 12-4005-82 |
| Cleaning Solution Tank, Phadia 2500/5000       | 1    | 12-4005-83 |

Please note that all products are not available in all countries. The article number's two digit suffix (-01) may vary between countries.



### High productivity, automation and cost effectiveness

- Throughput: 240 results/hour
- Continuous random access
- All reagents available onboard
- 28-day storage of calibrations curves
- Automatic start-up and shutdown function
- Connectable to Laboratory Automation Systems
- Remote diagnostics via Phadia LabCommunity
- Phadia Prime, Art. No. 12-4101-00

### True accuracy, high precision and outstanding quality

- Excellent consistency over time and between countries, systems, laboratories and users
- An allergen panel detecting sensitization to more than 650 allergens including more than 100 allergen components
- One of the largest quality assessment programs in the world

### Phadia 1000 – System reagents and consumables

| Product                        | Size         | Art. No.   |
|--------------------------------|--------------|------------|
| Development Solution           | 6 x ~1200    | 10-9439-01 |
| Development Solution           | 6 x ~2200    | 10-9314-01 |
| Stop Solution                  | ~1200        | 34-2271-51 |
| Washing Solution               | 2 x 5 l      | 10-9202-01 |
| Maintenance Solution Kit       | 2 procedures | 10-9476-01 |
| Maintenance Solution Kit Large | 4 procedures | 10-9537-01 |

### Phadia 1000 Instrument

| Product     | Size | Art. No.   |
|-------------|------|------------|
| Phadia 1000 | 1    | 12-3800-01 |

### Phadia 1000 Accessories

| Product                                      | Size     | Art. No.   |
|----------------------------------------------|----------|------------|
| Sample Rack, Phadia 1000                     | 10       | 12-4805-02 |
| Sample Rack Red, Phadia 1000                 | 5        | 12-4807-37 |
| Pipette Tips (5000), Phadia 1000             | 10 x 500 | 12-3805-03 |
| Pipette Tips in Racks (3840), Phadia 1000    | 24 x 160 | 12-3805-04 |
| Sample Rack Labels (1-100), Phadia 1000      | 100      | 12-4805-05 |
| Sample Rack Holder, Phadia 1000              | 1        | 12-3807-41 |
| Sample Rack, Narrow Tubes, Phadia 1000       | 5        | 12-4807-87 |
| Covering, Solid Waste Container, Phadia 1000 | 25       | 12-3807-25 |
| Rinse/Wash Bottle, Phadia 1000               | 1 x 5 l  | 12-4806-82 |
| Waste Bottle, Phadia 1000                    | 1 x 10 l | 12-4806-83 |



### High productivity, automation and cost effectiveness

- Throughput: 60 tests/hour
- ImmunoCAP and EliA tests in one run
- Onboard dilutions
- Continuous random access
- All reagents available onboard
- 28-day storage of calibrations curves
- Connectable to Laboratory Automation Systems
- Remote diagnostics via Phadia LabCommunity
- Phadia Prime, Art. No. 12-4101-00

### True accuracy, high precision and outstanding quality

- Excellent consistency over time and between countries, systems, laboratories and users
- An allergen panel detecting sensitization to more than 650 allergens including more than 100 allergen components
- An autoimmunity panel for evaluation of over 20 diseases
- One of the largest quality assessment programs in the world

### Phadia 250 – System reagents and consumables

| Product                        | ImmunoCAP<br>Size | EliA<br>Size | Art. No.   |
|--------------------------------|-------------------|--------------|------------|
| Development Solution           | 6 x ~315          | 6 x >170     | 10-9440-01 |
| Development Solution           | 6 x ~200          | 6 x >110     | 10-9441-01 |
| Stop Solution                  | 6 x ~185          | 6 x >560     | 10-9442-01 |
| Stop Solution                  |                   | 6 x >292     | 10-9479-01 |
| Washing Solution               | 2 x 5 l           | 2 x 5 l      | 10-9202-01 |
| Washing Solution               | 6 x 1 l           | 6 x 1 l      | 10-9422-01 |
| Maintenance Solution Kit       | 3 procedures      | 3 procedures | 10-9476-01 |
| Maintenance Solution Kit Large | 8 procedures      | 8 procedures | 10-9537-01 |

### Phadia 250 Instrument

| Product    | Size | Art. No.   |
|------------|------|------------|
| Phadia 250 | 1    | 12-3900-01 |

### Phadia 250 Accessories

| Product                                       | Size   | Art. No.   |
|-----------------------------------------------|--------|------------|
| Carrier Storage Tray, Phadia 250              | 1      | 12-4906-75 |
| Conjugate Storage Insert, Phadia 250          | 1      | 12-4906-76 |
| Development Storage Insert, Phadia 250        | 1      | 12-4906-77 |
| Diluent Storage Insert, Phadia 250            | 1      | 12-4906-78 |
| Carrier Loading Tray, Phadia 250              | 1      | 12-4906-79 |
| Sample Rack, Phadia 250                       | 5      | 12-4906-80 |
| Sample Rack Holder, Phadia 250                | 1      | 12-3907-09 |
| Elution Wells, Phadia 250                     | 1 set  | 12-4906-81 |
| Strip Storage Insert, Phadia 250              | 1      | 12-4906-82 |
| Rack/Tray Bar Code Labels, Phadia 250         | 100    | 12-4906-83 |
| Dilution Plate, Phadia 250                    | 100    | 12-3907-08 |
| Sample Rack Adapter, Phadia 250               | 5      | 12-4906-95 |
| Sample Rack Adapter, Narrow Tubes, Phadia 250 | 10     | 12-4907-06 |
| Wash Bottle, Phadia 250                       | 1 x 10 | 12-4906-41 |
| Rinse Bottle, Phadia 250                      | 1 x 10 | 12-4906-44 |
| Waste Bottle, Phadia 250                      | 1 x 20 | 12-4906-45 |



### Made to Measure – whatever your lab size, Phadia 200 plays an important role

- Flexible placement, requires less than 0.5 m<sup>2</sup> of benchtop space
- Define test menus for your customers' unique diagnostic needs, choosing from up to 700 different ImmunoCAP and EliA tests
- Increase operational efficiency through long walk-away time, full automated barcode traceability of reagents.
- Minimize downtime through LabCommunity supported remote diagnostic and trouble-shooting

### Up to 700 automated ImmunoCAP and EliA tests on your benchtop

- Throughput: up to 96 ImmunoCAP or 48 EliA results in one 3-4h assay
- Batch processing with 42 sample tube positions
- Fully automated reagent and sample traceability and handling
- Network connectivity to LIS, Phadia Laboratory Systems cluster and LabCommunity
- Phadia Prime operator software, art no 12-4101-00

### Phadia 200 – System reagents and consumables

| Product              | ImmunoCAP<br>Size | EliA<br>Size | Art. No.   |
|----------------------|-------------------|--------------|------------|
| Development Solution | 6 x ~315          | 6 x >170     | 10-9440-01 |
| Development Solution | 6 x ~200          | 6 x >110     | 10-9441-01 |
| Stop Solution        | 6 x ~185          | 6 x >560     | 10-9442-01 |
| Stop Solution        |                   | 6 x >292     | 10-9479-01 |
| Washing Solution     | 2 x 5 l           | 2 x 5 l      | 10-9202-01 |
| Washing Solution     | 6 x 1 l           | 6 x 1 l      | 10-9422-01 |
| Maintenance Solution |                   |              | 10-9537-01 |

### Phadia 200 Instrument

| Product    | Art. No.   |
|------------|------------|
| Phadia 200 | 12-4300-00 |

### Phadia 200 Accessories

| Product                                 | Size  | Art. No.   |
|-----------------------------------------|-------|------------|
| Carrier Tray, Phadia 200                | 1 pcs | 12-4302-74 |
| Wash/Rinse Bottle, Phadia 200           | 1 pcs | 12-4302-78 |
| Rinse Bottle Cap, Phadia 200            | 1 pcs | 12-4302-79 |
| Wash Bottle Cap, Phadia 200             | 1 pcs | 12-4302-80 |
| Waste Bottle, Phadia 200                | 1 pcs | 12-4302-81 |
| Waste Bottle Cap, Phadia 200            | 1 pcs | 12-4302-82 |
| Carrier Tray Barcode Labels, Phadia 200 | 1 pcs | 12-4303-02 |



### Phadia 100 – System reagents and consumables

| Product                  | ImmunoCAP<br>Size | EliA<br>Size  | Art. No.   |
|--------------------------|-------------------|---------------|------------|
| Development Solution     | 6 x 100           | 6 x 48        | 10-9478-01 |
| Stop Solution            | 6 x 100           | 6 x 240       | 10-9479-01 |
| Washing Solution         | 2 x 5 l           | 2 x 5 l       | 10-9202-01 |
| Washing Solution         | 6 x 1 l           | 6 x 1 l       | 10-9422-01 |
| Maintenance Solution Kit | 10 procedures     | 10 procedures | 10-9476-01 |

### Phadia 100 Instrument

#### Product

Phadia 100 is discontinued and replaced by Phadia 200

### Phadia 100 Accessories

| Product                         | Size    | Art. No.   |
|---------------------------------|---------|------------|
| Printer paper, Phadia 100       | 2 rolls | 12-3501-05 |
| Paper Holder Pin, Phadia 100    | 1       | 12-3500-93 |
| Carrier Rack, Phadia 100        | 1       | 12-3250-01 |
| Carrier Rack Stand, Phadia 100  | 1       | 12-3251-01 |
| Communication Cable, Phadia 100 | 1       | 12-3500-94 |



## Compare your lab performance

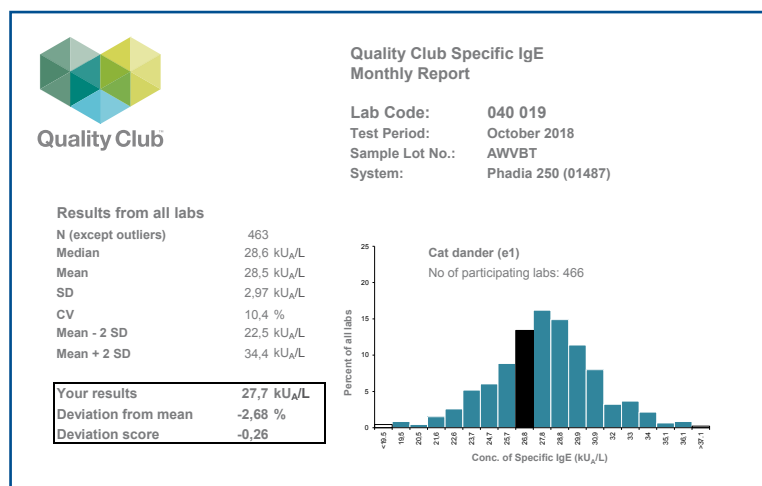
Demands for better quality assessment and performance standards are growing. So is Quality Club.

Health authorities throughout the world are striving to create performance and comparability standards. These ambitions require that diagnostic testing laboratories continuously assess their performance. Thermo Scientific™ Quality Club is an international quality assessment program that helps participating laboratories meet this need. Today, the available programs are Specific IgE, Total IgE, ECP and EliA Autoimmunity and more than 1500 testing laboratories are active members.

Every month, these laboratories receive a detailed, confidential report of their performance so that they can compare their test results with others.

The well-documented Quality Club information helps them to monitor performance and secure high standards of accuracy and reliability. Furthermore, it also helps gain the confidence of the physicians who send in samples for testing. All that's required is that once a month the laboratory technicians assay a small number of control samples and return the results to us.

Quality Club membership gives priority access to local and international support teams. These experts are on ready to discuss quality issues and lend direct, hands-on assistance if necessary.



Monthly reports show exactly how your testing measures up to results from other laboratories.



### How to become a member

Quality Club membership is open to all public and private sector laboratories operating Phadia Laboratory Systems.

For more information, contact your local sales representative or distributor.

## Quality Club

| Product                        | Size                 | Art. No.   |
|--------------------------------|----------------------|------------|
| Quality Club Specific IgE      | Samples for 4 months | 10-9298-01 |
| Quality Club Total IgE         | Samples for 4 months | 10-9297-01 |
| Quality Club ECP               | Samples for 4 months | 10-9344-01 |
| Quality Club EliA Autoimmunity | Samples for 4 months | 83-1006-01 |

**ImmunoCAP – Specifications**

| Product                             | Measuring range                          | Calibrators                                          |
|-------------------------------------|------------------------------------------|------------------------------------------------------|
| Total IgE                           | 2 - 5000 kU/l                            | 2, 10, 50, 200, 1000, 5000 kU/l                      |
| Total IgE Low Range                 | 0-100 kU/l                               | 0, 0.35, 0.7, 3.5, 17.5, 100 kU/l                    |
| Specific IgE                        | 0 - 100 kU <sub>A</sub> /l               | 0, 0.35, 0.7, 3.5, 17.5, 100 kU/l                    |
| Phadiatop / Phadiatop Infant        | Positive/Negative<br>or<br>0 - 100 PAU/l | 0.35 kU/l<br>or<br>0, 0.35, 0.7, 3.5, 17.5, 100 kU/l |
| Specific IgA                        | 1.0 - 100 mg <sub>A</sub> /l             | 0.01, 0.02, 0.04, 0.1, 0.3, 1.0 mg/l                 |
| Specific IgG                        | 2.0 - 200 mg <sub>A</sub> /l             | 0.02, 0.04, 0.1, 0.3, 1.0, 2.0 mg/l                  |
| Specific IgG4                       | 0.07 - 30 mg <sub>A</sub> /l             | 0, 3.0, 15, 35, 120, 300 µg/l                        |
| ECP                                 | 2 - 200 µg/l                             | 2, 5, 15, 100, 200 µg/l                              |
| Tryptase                            | 1 - 200 µg/l                             | 1, 5, 12.5, 50, 200 µg/l                             |
| Thyroglobulin IgG (Phadia 100)      | 280 - 28000 IU/ml                        | 0.02, 0.04, 0.1, 0.3, 1.0, 2.0 mg/l                  |
| Thyroid Peroxidase IgG (Phadia 100) | 36 - 3600 IU/ml                          | 0.02, 0.04, 0.1, 0.3, 1.0, 2.0 mg/l                  |
| Thyroglobulin IgG (Phadia 250)      | 244 - 24400 IU/ml                        | 0.02, 0.04, 0.1, 0.3, 1.0, 2.0 mg/l                  |
| Thyroid Peroxidase IgG (Phadia 250) | 33.4 - 3340 IU/ml                        | 0.02, 0.04, 0.1, 0.3, 1.0, 2.0 mg/l                  |
| Gliadin IgA                         | 1.0 - 100 mg <sub>A</sub> /l             | 0.01, 0.02, 0.04, 0.1, 0.3, 1.0 mg/l                 |
| Gliadin IgG                         | 2.0 - 200 mg <sub>A</sub> /l             | 0.02, 0.04, 0.1, 0.3, 1.0, 2.0 mg/l                  |

**EliA – Specifications**

| Product                    | Calibrators                     |
|----------------------------|---------------------------------|
| EliA IgG Method            | 0, 4, 10, 20, 100, 600 µg/l     |
| EliA IgA Method            | 0, 0.3, 1.5, 5, 15, 80 µg/l     |
| EliA IgM Method            | 0, 10, 35, 80, 500, 1000 µg/l   |
| EliA Calprotectin Method   | 0, 3, 10, 20, 200, 750 ng/ml    |
| EliA Calprotectin 2 Method | 0, 3, 10, 20, 200, 750 ng/ml    |
| EliA anti-TSH-R Method     | 0, 1.5, 3.5, 6.5, 12.5, 40 IU/l |

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