

Order Form for Autoimmune Diagnostics

This form can be downloaded at www.labor-stoecker.de

Patient	Surname:	First name:	Date of birth:	Sex: ☐ Female ☐ Male
	Address:			

Billing details	☐ Medical insurance ☐ Doctor/hospital ☐ Patient Name and address:	Doctor's stamp and signature
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Type of sample: ☐ Serum ☐	Date of collection:	Sample ID of sender/report recipient:
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Comments (diagnosis, presumptive diagnosis, medication, major results, etc.):	E-mail of sender/report recipient:
	Fax no. of sender/report recipient:

Systemic Autoantibodies against	
P A G M ☐ BASIC SPECTRUM ANA (cell nuclei) IF global testing ANA profile for differentiation dsDNA NcX ELISA dsDNA IFT SLE-specific ENA-ProfilePlus 1 ELISA nRNP/Sm, Sm, SS-A, SS-B, Scl-70, Jo-1 SLE Profile ELISA (dsDNA, histones, nucleosomes, nRNP/Sm, Sm, SS-A, SS-B, Scl-70) AMA (mitochondria) ASMA (smooth muscle) cANCA ¹ (granulocytes) pANCA ¹ (granulocytes) Autoantibody profile 30 IF substrates	P A G M ☐ SYSTEMIC LUPUS ERYTHEMATOSUS (SLE) ANA (cell nuclei) IF global testing Nucleosomes dsDNA NcX ELISA dsDNA IFT (C. luciliae) dsDNA RIA ENA PoolPlus ELISA U1-nRNP (70K, A, C) Sm SS-A (Ro) 60 kDa: native Ro-52: recombinant SS-B (La) Ribosomal P-protein Ku Cyclin I (PCNA) Histones (global) ssDNA (single-stranded DNA) pANCA ¹ (granulocytes)
P A G M ☐ ANA DIAGNOSTICS EUROLINE (nucleosomes, dsDNA, histones, SS-A, Ro-52, SS-B, nRNP/Sm, Sm, Mi-2 alpha, Mi-2 beta, Ku, CENP A, CENP B, Sp100, PML, Scl-70, PM-Scl100, PM-Scl75, RP11, RP155, gp210, PCNA, DFS70) ☐ EUROLINE Cytoplasm Profile (AMA M2, M2-3E, rib. P-prot., Jo-1, SRP, PL-7, PL-12, EJ, OJ, Ro-52)	P A G M ☐ SJÖGREN'S SYNDROME ANA (cell nuclei) IF global testing SS-A (Ro) 60 kDa: native Ro-52: recombinant SS-B (La) ssDNA
P A G M ☐ VARIOUS AUTOANTIBODIES DFS70 Centrioles MSA-1 (NuMa, spindle fibres) MSA-2 (HsEg5, spindle fibres) MSA-3 (chromosome-associated antigen) Centromere F protein (CENP-F, mitotin) Midbody Ribosomes Golgi apparatus Lysosomes Cytoskeleton Actin Vimentin Cytokeratin Tropomyosin Vinculin Desmin Laminin (basement membrane) Elastin Vessel endothelium	P A G M ☐ ANTI-PHOSPHOLIPID SYNDROME (APS) ☐ Cardiolipin ☐ β-2-glycoprotein 1 ☐ Phosphatidylserine
P A G M ☐ CIRCULATING IMMUNE COMPLEXES ☐ CIC-C1q ELISA (antigen detection) ☐ C1q ELISA	P A G M ☐ SYSTEMIC SCLEROSIS (DIFFUSE + LIMITED FORM) ANA (cell nuclei) IF global testing Systemic Sclerosis Profile EUROLINE (Scl-70, CENP A, CENP B, RP11, RP155, fibrillarin, NOR90, Th/To, PM-Scl100, PM-Scl75, Ku, PDGFR, Ro-52) ☐ Scl-70 (DNA topoisomerase I) ☐ PM-Scl75 (75 kDa) ☐ PM-Scl100 (100 kDa) ☐ Centromeres ☐ Centromere A protein (recombinant) ☐ Centromere B protein (recombinant) ☐ U3-nRNP (fibrillarin) ☐ RNA polymerase III ☐ 7-2-RNP (Th/To) ☐ NOR (nucleolus organisator region) ☐ Ku
	P A G M ☐ SHARP SYNDROME MCTD ☐ U1-nRNP (70K, A, C) ☐ ANA (cell nuclei) IF global testing ssDNA
	P A G M ☐ POLYMYOSITIS, DERMATOMYOSITIS ☐ ANA (cell nuclei) IF global testing ☐ Myopathy Profile EUROLINE (Mi-2 alpha, Mi-2 beta, TIF1 gamma, MDA5, NXP2, SAE1, Ku, PM100, PM75, Jo-1, SRP, PL-7, PL-12, EJ, OJ, Ro-52, cN-1A) ☐ Jo-1 ☐ PL-7 ☐ PL-12 ☐ OJ ☐ EJ ☐ PM-Scl75, PM-Scl100 ☐ SRP (signal recognition particle) ☐ Ro-52: recombinant ☐ Ku ☐ Mi-2 ☐ cN-1A (Mup44, NT5C1A)
	P A G M ☐ (RHEUMATOID) ARTHRITIS ☐ CCP (cyclic citrullinated peptide) ☐ Sa ☐ CEP-1 ☐ RF (classic rheumatoid factor) ☐ Filaggrin (RA keratin) ☐ GS-ANA (granulocyte-specific ANA) ☐ ANA (cell nuclei) IF global testing ☐ Histones ☐ RANA (rheumatoid arthritis nuclear antigen) ☐ pANCA ¹ (granulocytes) ☐ Cartilage ☐ Therapy monitoring ☐ MabTrack Level Adalimumab ☐ MabTrack Anti-Drug Antibody Adalimumab ☐ MabTrack Level Infliximab ☐ MabTrack Anti-Drug Antibody Infliximab
	P A G M ☐ IMMUNE HAEMATOLOGY ☐ Lymphocytes ☐ Thrombocytes, indirect (free antibodies) ☐ Thrombocytes, direct (bound antibodies) ³ ☐ PCA (parietal cells) ☐ H ⁺ /K ⁺ -ATPase ELISA (PCA)

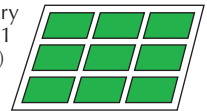
☐ Grey boxes: standard analysis. Immunoglobulin classes: P=IgA, A=IgA, G=IgG, M=IgM

¹) ANCA diagnostics in acute cases within one hour ²) Send frozen sample(s) ³) Use special sampling procedure

PLEASE ENTER AGAIN!

Sample ID of sender/report recipient:

Clinical Immunological Laboratory
Seekamp 31
D-23560 Lübeck (Germany)
Telephone +49 451 58 55 100
Fax 58 55 101



Organ /Tissue-Specific Autoimmunity: Autoantibodies against

P	A	G	M	
☐	☐	☐	☐	THYROID GLAND TRAb (TSH receptors) TPO (thyroidea peroxidase) TAb (thyroglobulin) MAb (microsomes)
☐	☐	☐	☐	DIABETES MELLITUS ICA (islet cells) GAD (glutamic acid decarboxylase) IA2 (tyrosin phosphatase) Insulin, human Glucagon-producing cells Zinc transporter 8 Lipocytes
☐	☐	☐	☐	(POLY-)ENDOCRINOPATHY Adrenal cortex 21-Hydroxylase Ovary: theca cells Ovary: corpus luteum Testis: Leydig cells Steroid hormone-producing cells Parathyroid gland ICA (islet cells) TPO (thyroidea peroxidase) PCA (parietal cells) H⁺/K⁺-ATPase ELISA (PCA) Pituitary gland: anterior lobe Pituitary gland: posterior lobe MAB (thyroid microsomes) Adrenal medulla Placenta Vasopressin-producing cells
☐	☐	☐	☐	INFERTILITY Cardiolipin Ovary: theca cells, c. luteum, zona pellucida Testis: Leydig cells Spermatozoa Pituitary gland: anterior lobe Placenta Prostate
☐	☐	☐	☐	EPIDERMIS Desmosomes Desmoglein 1 Desmoglein 3 Envoplakin Epidermal basement membrane BP180 (NC16A-4X) BP230 Oral mucosa Transitional epithelium (urinary bladder) Epidermal keratin Endomysium Deamidated gliadin (CD-AGFA, GAF-3X) Melanocytes Hair follicle Collagen type VII NC1 p200
☐	☐	☐	☐	EYE Recoverin Tunica choroidea Cornea Retina Lens oculi Corpus ciliare Eye muscle cANCA ¹ (granulocytes) ANA (cell nuclei) IF global testing
☐	☐	☐	☐	SKELETAL MUSCLE, THYMUS Acetylcholine receptors MuSK Calcium channel (VGCC), PQ type Potassium channel (VGKC) CASPR2 Thymus Titin Skeletal muscle Sarcolemma Myosin
☐	☐	☐	☐	HEART AMA M7 (myocard-specific) Heart muscle Heart: intercalated disc Heart: myolemma
☐	☐	☐	☐	KIDNEY, LUNG cANCA IFT ¹ granulocytes pANCA IFT ¹ granulocytes Kidney IF global testing GBM ELISA glomerular basement membrane PLA2R THSD7A ANA (cell nuclei) IF global testing dsDNA IFT TBM (tubular basement membrane) Lung alveolar basement membrane
☐	☐	☐	☐	NERVOUS SYSTEM Neural Antigens IFT Hu, Ri, ANNA-3, Yo, Tr/DNER, myelin, Ma/Ta, GAD65, amphiphysin, aquaporin-4, glutamate receptors (type NMDA, AMPA), GABA _A receptors, LGI1, CASPR2, ZIC4, DPPX, glycine receptors, mGluR1, mGluR5, Rho-GTPase activating protein 26, ITPR1, Homer 3, MOG, recoverin, neurochondrin, GluRD2, flotillin 1/2, IgLON5 Paraneoplastic neurological syndromes Neuronal Antigens Profile EUROLINE amphiphysin, CV2, PNMA2 (Ma-2), Ri, Yo, Hu, recoverin, SOX1, titin, Zic4, GAD65, Tr (DNER) LG1 CASPR2 Potassium channel (VGKC) RIA NMDA receptors AMPA receptors (GluR1, GluR2) GABA_A receptors GAD65 Hu (neurone nuclei; ANNA-1) Ri (neurone nuclei; ANNA-2) Yo (Purkinje cell cytoplasm; PCA-1) Amphiphysin CV2 (CRMP-5) Ma1/Ma2 (neurone nucleoli; Ta) ANNA-3 PCA-2 (Purkinje cell cytoplasm) Tr (DNER) ZIC4 IgLON5 AGNA (anti-glia nuclear antigen) SOX-1 Recoverin Further parameters Aquaporin-4 MOG (myelin-oligodendrocyte glycoprotein) Glycin receptors DPPX ITPR1 CARPVIII Flotillin 1/2 mGluR1 mGluR5 Myelin MBP (myelin-basic protein) MAG (myelin-associated glycoprotein) GFAP (glial fibrillary acidic protein) Astrocytes Basal ganglia Plexus myentericus (non-medullated nerves) Gangliosides Profile GM ₁ , GM ₂ , GM ₃ , GD _{1a} , GD _{1b} , GT _{1b} , GQ _{1b} Individual gangliosides: ☐ GM ₁ ☐ GM ₂ ☐ GM ₃ ☐ GD _{1a} ☐ GD _{1b} ☐ GT _{1b} ☐ GQ _{1b} ☐ Borrelia burgdorferi ☐ CXCL13 (CSF; antigen detection) Research parameters ☐ AT1A3 ☐ Contactin1 ☐ Dop. rec. 2 (DRD2) ☐ ERC1 ☐ GABA-a receptors ☐ GluRD2 ☐ Homer3 ☐ KCNA2 ☐ Neurexin ☐ Neurochondrin ☐ Neurofascin (NF155/NF186) ☐ RhoGTPase-activating protein 26 Neurodegenerative diseases Beta-amyloid (1-40) (antigen detection) ² Beta-amyloid (1-42) (antigen detection) ² Total tau (antigen detection) ² pTau (antigen detection) ² pNf-H neurofilament (ALS; antigen detection) ² pNf-L neurofilament (ALS; antigen detection) ²
☐	☐	☐	☐	ANCA-ASSOCIATED VASCULITIDES (WEGENER'S DIS., MICROSC. ARTERIITIS, CHURG-STRAUSS SYNDROME) cANCA IFT ¹ granulocytes PR3 (proteinase 3) BPI (CAP 57) pANCA IFT ¹ granulocytes MPO (myeloperoxidase) Elastase Cathepsin G Lactoferrin ANCA Profile ELISA PR3, MPO, elastase, cathepsin G, BPI, lactoferrin ANA (cell nuclei) IF global testing Elastin Vessel endothelium
☐	☐	☐	☐	LIVER, BILE DUCTS Liver IFT global testing Autoimmune Liver Diseases Profile EUROLINE AMA M2, M2-3E, Sp100, PML, gp210, LKM-1, LC-1, SLA/LP, SS-A, Ro-52, Scl-70, CENP A, CENP B, PGDH Autoimmune hepatitis (AIH) SLA/LP (soluble liver antigen) F-actin ANA (cell nuclei) IF global testing LC-1 (liver cytosol) LKM (liver kidney microsomes) LKM-1 ELISA ASGPR (asialoglycoprotein receptors) ASMA (smooth muscle) LSP (liver-specific protein) LMA (liver cell membrane) PGDH Primary biliary cholangitis (PBC) AMA (mitochondria) AMA M2-3E (PDH + BPO) ☐ AMA M4 (sulfatidase) ☐ AMA M9 (glycogen phosphorylase) ☐ Sp100, PML (nuclear dots) ☐ gp210 (nuclear membrane, lamin) ☐ SS-A/SS-B ☐ Centromeres Primary sclerosing cholangitis (PSC) pANCA (granulocytes) Further antibodies Bile ducts Bile canaliculi Coilin; P80 (few nuclear dots)
☐	☐	☐	☐	STOMACH, INTESTINE PCA (parietal cells) H⁺/K⁺-ATPase (PCA) ELISA Intrinsic Factor ELISA Gastrin (G) cells Pancreas acini CUZD1 GP2 Pancreas secretion Saccharomyces cerevisiae Oral mucosa Goblet cells, intestinal pANCA (granulocytes) DNA-bound lactoferrin Enterocytes Endomysium Transglutaminase (EMA) ELISA Deamidated gliadin (CD-AGFA; GAF-3X)
☐	☐	☐	☐	EXOCRINE GLANDS, PANCREATITIS, SJÖGREN'S SYNDROME Pancreas, exocrine Pancreas acini Pancreas excretory ducts Salivary glands (parotid gland) Parotid gland acini Parotid gland excretory ducts Lacrimal gland ANA (cell nuclei) IF global testing SS-A (Ro) SS-B (La) ssDNA (single-stranded DNA) Prostate Mamma

☐ Grey boxes: standard analysis. Immunoglobulin classes: P=IgAGM, A=IgA, G=IgG, M=IgM

¹) ANCA diagnostics in acute cases within one hour ²) Send frozen sample(s)

Last updated: 06/2020