

## Order Form for Autoimmune Diagnostics

This form can be downloaded at [www.labor-stoecker.de](http://www.labor-stoecker.de)

<b>Patient</b>	Surname:	First name:	Date of birth:	Sex: <input type="checkbox"/> Female <input type="checkbox"/> Male
	Address:			

<b>Billing details</b>	<input type="checkbox"/> Medical insurance
	<input type="checkbox"/> Doctor/hospital
<input type="checkbox"/> Patient	
Name and address:	
.....	
.....	

Doctor's stamp and signature
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Type of sample:
<input type="checkbox"/> Serum <input type="checkbox"/> .....

Date of collection:
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Sample ID of sender/report recipient:
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Comments (diagnosis, presumptive diagnosis, medication, major results, etc.):
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E-mail of sender/report recipient:
Fax no. of sender/report recipient:

### Systemic Autoantibodies against

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px; text-align: center; vertical-align: top;">P A G M</td> <td><b>BASIC SPECTRUM</b>  <input type="checkbox"/> ANA (cell nuclei) IFA global testing  <input type="checkbox"/> ANA profile for differentiation  <input type="checkbox"/> dsDNA NcX ELISA  <input type="checkbox"/> dsDNA IFA SLE-specific  <input type="checkbox"/> ENA-ProfilePlus 1 ELISA  <input type="checkbox"/> nRNP/Sm, Sm, SS-A, SS-B, Scl-70, Jo-1  <input type="checkbox"/> SLE Profile ELISA (dsDNA, histones, nucleosomes, nRNP/Sm, Sm, SS-A, SS-B, Scl-70)  <input type="checkbox"/> AMA (mitochondria)  <input type="checkbox"/> ASMA (smooth muscle)  <input type="checkbox"/> cANCA<sup>1</sup> (granulocytes)  <input type="checkbox"/> pANCA<sup>1</sup> (granulocytes)</td> </tr> </table>	P A G M	<b>BASIC SPECTRUM</b> <input type="checkbox"/> ANA (cell nuclei) IFA global testing <input type="checkbox"/> ANA profile for differentiation <input type="checkbox"/> dsDNA NcX ELISA <input type="checkbox"/> dsDNA IFA SLE-specific <input type="checkbox"/> ENA-ProfilePlus 1 ELISA <input type="checkbox"/> nRNP/Sm, Sm, SS-A, SS-B, Scl-70, Jo-1 <input type="checkbox"/> SLE Profile ELISA (dsDNA, histones, nucleosomes, nRNP/Sm, Sm, SS-A, SS-B, Scl-70) <input type="checkbox"/> AMA (mitochondria) <input type="checkbox"/> ASMA (smooth muscle) <input type="checkbox"/> cANCA <sup>1</sup> (granulocytes) <input type="checkbox"/> pANCA <sup>1</sup> (granulocytes)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px; text-align: center; vertical-align: top;">P A G M</td> <td><b>SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)</b>  <input type="checkbox"/> ANA (cell nuclei) IFA global testing  <input type="checkbox"/> Nucleosomes  <input type="checkbox"/> dsDNA NcX ELISA  <input type="checkbox"/> dsDNA IFA (C. luciliae)  <input type="checkbox"/> dsDNA RIA  <input type="checkbox"/> ENA PoolPlus ELISA  <input type="checkbox"/> U1-nRNP (70K, A, C)  <input type="checkbox"/> Sm  <input type="checkbox"/> SS-A (Ro) 60 kDa: native  <input type="checkbox"/> Ro-52: recombinant  <input type="checkbox"/> SS-B (La)  <input type="checkbox"/> Ribosomal P-proteins  <input type="checkbox"/> Ku  <input type="checkbox"/> Cyclin I (PCNA)  <input type="checkbox"/> Histones (global)  <input type="checkbox"/> ssDNA (single-stranded DNA)  <input type="checkbox"/> pANCA<sup>1</sup> (granulocytes)</td> </tr> </table>	P A G M	<b>SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)</b> <input type="checkbox"/> ANA (cell nuclei) IFA global testing <input type="checkbox"/> Nucleosomes <input type="checkbox"/> dsDNA NcX ELISA <input type="checkbox"/> dsDNA IFA (C. luciliae) <input type="checkbox"/> dsDNA RIA <input type="checkbox"/> ENA PoolPlus ELISA <input type="checkbox"/> U1-nRNP (70K, A, C) <input type="checkbox"/> Sm <input type="checkbox"/> SS-A (Ro) 60 kDa: native <input type="checkbox"/> Ro-52: recombinant <input type="checkbox"/> SS-B (La) <input type="checkbox"/> Ribosomal P-proteins <input type="checkbox"/> Ku <input type="checkbox"/> Cyclin I (PCNA) <input type="checkbox"/> Histones (global) <input type="checkbox"/> ssDNA (single-stranded DNA) <input type="checkbox"/> pANCA <sup>1</sup> (granulocytes)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px; text-align: center; vertical-align: top;">P A G M</td> <td><b>SHARP SYNDROME MCTD</b>  <input type="checkbox"/> U1-nRNP (70K, A, C)  <input type="checkbox"/> ANA (cell nuclei) IFA global testing  <input type="checkbox"/> ssDNA</td> </tr> </table>	P A G M	<b>SHARP SYNDROME MCTD</b> <input type="checkbox"/> U1-nRNP (70K, A, C) <input type="checkbox"/> ANA (cell nuclei) IFA global testing <input type="checkbox"/> ssDNA
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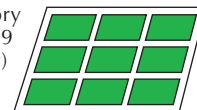
Grey boxes: standard analysis. Immunoglobulin classes: P=IgAGM, A=IgA, G=IgG, M=IgM

<sup>1)</sup> ANCA diagnostics in acute cases within one hour

PLEASE ENTER AGAIN!

Sample ID of sender/report recipient:

Clinical Immunological Laboratory  
Am Sonnenberg 9  
D-23627 Groß Grönau (Germany)  
Telephone +49 451 58 55 100  
Fax 58 55 101



## Organ /Tissue-Specific Autoimmunity: Autoantibodies against

<p><b>P A G M</b> <b>THYROID GLAND</b></p> <p><input type="checkbox"/> <b>TRAb</b> (TSH receptors)</p> <p><input type="checkbox"/> <b>TPO</b> (thyroidea peroxidase)</p> <p><input type="checkbox"/> <b>TAb</b> (thyroglobulin)</p> <p><input type="checkbox"/> <b>MAb</b> (microsomes)</p>	<p><b>P A G M</b> <b>NERVOUS SYSTEM</b></p> <p><input type="checkbox"/> <b>Neural Antigens IFA</b></p> <p>Hu, Ri, ANNA-3, Yo, Tr/DNER, myelin, Ma/Ta, GAD65, amphiphysin, aquaporin-4, glutamate receptors (type NMDA, AMPA), GABA<sub>Aβ</sub> receptors, LGI1, CASPR2, ZIC4, DPPX, glycine receptors, mGluR1, mGluR5, Rho-GTPase activating protein 26, ITPR1, Homer 3, MOG, neurochondrin, GluRD2, flotillin 1/2, IgLON5</p> <p><input type="checkbox"/> <b>Paraneoplastic neurological syndromes</b></p> <p><b>Neuronal Antigens Profile</b></p> <p>EUROLINE amphiphysin, CV2, PNMA2 (Ma-2), Ri, Yo, Hu, recoverin, SOX1, titin, Zic4, GAD65, Tr (DNER)</p> <p><input type="checkbox"/> <b>Purkinje Cell Profile</b></p> <p>EUROLINE Yo, CDR2L, Tr (DNER), PRKCG, ARHGAP26, Homer-3, RGS8, RYR2, AP3B2</p> <p><input type="checkbox"/> <b>LG1</b></p> <p><input type="checkbox"/> <b>CASPR2</b></p> <p><input type="checkbox"/> <b>Potassium channel (VGKC) RIA</b></p> <p><input type="checkbox"/> <b>NMDA receptors</b></p> <p><input type="checkbox"/> <b>AMPA receptors (GluR1, GluR2)</b></p> <p><input type="checkbox"/> <b>GABA<sub>A</sub> receptors</b></p> <p><input type="checkbox"/> <b>GAD65</b></p> <p><input type="checkbox"/> <b>Hu</b> (neurone nuclei; ANNA-1)</p> <p><input type="checkbox"/> <b>Ri</b> (neurone nuclei; ANNA-2)</p> <p><input type="checkbox"/> <b>Yo</b> (Purkinje cell cytoplasm; PCA-1)</p> <p><input type="checkbox"/> <b>Amphiphysin</b></p> <p><input type="checkbox"/> <b>CV2 (CRMP-5)</b></p> <p><input type="checkbox"/> <b>Ma1/Ma2</b> (neurone nucleoli; Ta)</p> <p><input type="checkbox"/> <b>ANNA-3</b></p> <p><input type="checkbox"/> <b>PCA-2</b> (Purkinje cell cytoplasm)</p> <p><input type="checkbox"/> <b>Tr (DNER)</b></p> <p><input type="checkbox"/> <b>ZIC4</b></p> <p><input type="checkbox"/> <b>IgLON5</b></p> <p><input type="checkbox"/> <b>AGNA</b> (anti-glia nuclear antigen)</p> <p><input type="checkbox"/> <b>SOX-1</b></p> <p><input type="checkbox"/> <b>Recoverin</b></p> <p><b>Further parameters</b></p> <p><input type="checkbox"/> <b>Aquaporin-4</b></p> <p><input type="checkbox"/> <b>MOG</b> (myelin-oligodendrocyte glycoprotein)</p> <p><input type="checkbox"/> <b>Glycin receptors</b></p> <p><input type="checkbox"/> <b>DPPX</b></p> <p><input type="checkbox"/> ITPR1</p> <p><input type="checkbox"/> CARPVIII</p> <p><input type="checkbox"/> Flotillin 1/2</p> <p><input type="checkbox"/> mGluR1</p> <p><input type="checkbox"/> mGluR5</p> <p><input type="checkbox"/> Myelin</p> <p><input type="checkbox"/> MBP (myelin-basic protein)</p> <p><input type="checkbox"/> MAG (myelin-associated glycoprotein)</p> <p><input type="checkbox"/> GFAP (glial fibrillary acidic protein)</p> <p><input type="checkbox"/> Basal ganglia</p> <p><input type="checkbox"/> Plexus myentericus (non-medullated nerves)</p> <p><input type="checkbox"/> Gangliosides Profile</p> <p><input type="checkbox"/> GM<sub>1</sub>, GM<sub>2</sub>, GM<sub>3</sub>, GD<sub>1a</sub>, GD<sub>1b</sub>, GT<sub>1b</sub>, GQ<sub>1b</sub></p> <p><input type="checkbox"/> Individual gangliosides:</p> <p><input type="checkbox"/> GM<sub>1</sub>, <input type="checkbox"/> GM<sub>2</sub>, <input type="checkbox"/> GM<sub>3</sub>, <input type="checkbox"/> GD<sub>1a</sub>, <input type="checkbox"/> GD<sub>1b</sub>, <input type="checkbox"/> GT<sub>1b</sub>, <input type="checkbox"/> GQ<sub>1b</sub></p> <p><input type="checkbox"/> Borrelia burgdorferi</p> <p><input type="checkbox"/> CXCL13 (CSF; antigen detection)</p> <p><b>Research parameters</b></p> <p><input type="checkbox"/> AT1A3 <input type="checkbox"/> Contactin1 <input type="checkbox"/> Dop. rec. 2 (DRD2)</p> <p><input type="checkbox"/> ERC1 <input type="checkbox"/> GABA-a receptors <input type="checkbox"/> CASPR1</p> <p><input type="checkbox"/> GluRD2 <input type="checkbox"/> Homer3 <input type="checkbox"/> KCNA2</p> <p><input type="checkbox"/> Neurexin-3-alpha <input type="checkbox"/> Neurochondrin</p> <p><input type="checkbox"/> Neurofascin (NF155/NF186)</p> <p><input type="checkbox"/> RhoGTPase-activating protein 26</p>	<p><b>P A G M</b> <b>KIDNEY, LUNG</b></p> <p><input type="checkbox"/> <b>cANCA IFA</b> <sup>1</sup> granulocytes</p> <p><input type="checkbox"/> <b>pANCA IFA</b> <sup>1</sup> granulocytes</p> <p><input type="checkbox"/> <b>Kidney IFA</b> global testing</p> <p><input type="checkbox"/> <b>GBM ELISA</b> glomerular basement membrane</p> <p><input type="checkbox"/> <b>PLA2R</b></p> <p><input type="checkbox"/> THSD7A</p> <p><input type="checkbox"/> ANA (cell nuclei) IFA global testing</p> <p><input type="checkbox"/> dsDNA IFA</p> <p><input type="checkbox"/> TBM (tubular basement membrane)</p> <p><input type="checkbox"/> Lung alveolar basement membrane</p>
<p><b>P A G M</b> <b>DIABETES MELLITUS</b></p> <p><input type="checkbox"/> <b>ICA</b> (islet cells)</p> <p><input type="checkbox"/> <b>GAD</b> (glutamic acid decarboxylase)</p> <p><input type="checkbox"/> <b>IA2</b> (tyrosin phosphatase)</p> <p><input type="checkbox"/> <b>Insulin, human</b></p> <p><input type="checkbox"/> <b>Zinc transporter 8</b></p>	<p><b>P A G M</b> <b>(POLY-)ENDOCRINOPATHY</b></p> <p><input type="checkbox"/> <b>Adrenal cortex</b></p> <p><input type="checkbox"/> <b>21-Hydroxylase</b></p> <p><input type="checkbox"/> <b>Ovary: theka cells</b></p> <p><input type="checkbox"/> <b>Testis: Leydig cells</b></p> <p><input type="checkbox"/> <b>Parathyroid gland</b></p> <p><input type="checkbox"/> <b>ICA</b> (islet cells)</p> <p><input type="checkbox"/> <b>TPO</b> (thyroidea peroxidase)</p> <p><input type="checkbox"/> PCA (parietal cells)</p> <p><input type="checkbox"/> H<sup>+</sup>/K<sup>+</sup>-ATPase ELISA (PCA)</p> <p><input type="checkbox"/> Pituitary gland: anterior lobe</p> <p><input type="checkbox"/> Pituitary gland: posterior lobe</p> <p><input type="checkbox"/> MAb (thyroid microsomes)</p> <p><input type="checkbox"/> Vasopressin-producing cells</p>	<p><b>P A G M</b> <b>LIVER, BILE DUCTS</b></p> <p><input type="checkbox"/> <b>Liver IFA</b> global testing</p> <p><input type="checkbox"/> <b>Autoimmune Liver Diseases Profile</b></p> <p>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</p> <p><b>Autoimmune hepatitis (AIH)</b></p> <p><input type="checkbox"/> <b>SLA/LP</b> (soluble liver antigen)</p> <p><input type="checkbox"/> <b>F-actin</b></p> <p><input type="checkbox"/> <b>ANA</b> (cell nuclei) IFA global testing</p> <p><input type="checkbox"/> <b>LC-1</b> (liver cytosol)</p> <p><input type="checkbox"/> <b>LKM</b> (liver kidney microsomes)</p> <p><input type="checkbox"/> <b>LKM-1 ELISA</b></p> <p><input type="checkbox"/> ASGPR (asialoglycoprotein receptors)</p> <p><input type="checkbox"/> ASMA (smooth muscle)</p> <p><input type="checkbox"/> LSP (liver-specific protein)</p> <p><input type="checkbox"/> LMA (liver cell membrane)</p> <p><input type="checkbox"/> PGDH</p> <p><b>Primary biliary cholangitis (PBC)</b></p> <p><input type="checkbox"/> <b>AMA</b> (mitochondria)</p> <p><input type="checkbox"/> <b>AMA M2-3E</b> (PDH + BPO)</p> <p><input type="checkbox"/> <b>AMA M4</b> (sulfiteoxidase) IgGM</p> <p><input type="checkbox"/> <b>AMA M9</b> (glycogen phosphorylase) IgGM</p> <p><input type="checkbox"/> Sp100, PML (nuclear dots)</p> <p><input type="checkbox"/> gp210 (nuclear membrane, lamin)</p> <p><input type="checkbox"/> SS-A/SS-B</p> <p><input type="checkbox"/> Centromeres</p> <p><b>Primary sclerosing cholangitis (PSC)</b></p> <p><input type="checkbox"/> <b>pANCA</b> (granulocytes)</p> <p><b>Further antibodies</b></p> <p><input type="checkbox"/> Bile canaliculi</p> <p><input type="checkbox"/> Coilin; P80 (few nuclear dots)</p>
<p><b>P A G M</b> <b>INFERTILITY</b></p> <p><input type="checkbox"/> <b>Cardiolipin</b></p> <p><input type="checkbox"/> <b>Ovary: theka cells, zona pellucida</b></p> <p><input type="checkbox"/> <b>Testis: Leydig cells</b></p> <p><input type="checkbox"/> Spermatozoa</p> <p><input type="checkbox"/> Pituitary gland: anterior lobe</p>	<p><b>P A G M</b> <b>EPIDERMIS</b></p> <p><input type="checkbox"/> <b>Desmosomes</b></p> <p><input type="checkbox"/> <b>Desmoglein 1</b></p> <p><input type="checkbox"/> <b>Desmoglein 3</b></p> <p><input type="checkbox"/> <b>Envoplakin</b></p> <p><input type="checkbox"/> <b>Epidermal basement membrane</b></p> <p><input type="checkbox"/> <b>BP180 (NC16A-4X)</b></p> <p><input type="checkbox"/> <b>BP230</b></p> <p><input type="checkbox"/> Endomysium</p> <p><input type="checkbox"/> Deamidated gliadin (CD-AGFA, GAF-3X)</p> <p><input type="checkbox"/> Melanocytes</p> <p><input type="checkbox"/> <b>Collagen type VII NC1</b></p> <p><input type="checkbox"/> p200 (LAMB4)</p> <p><input type="checkbox"/> Laminin 5 (LAM332)</p>	<p><b>P A G M</b> <b>STOMACH, INTESTINE</b></p> <p><input type="checkbox"/> <b>PCA</b> (parietal cells)</p> <p><input type="checkbox"/> <b>H<sup>+</sup>/K<sup>+</sup>-ATPase (PCA) ELISA</b></p> <p><input type="checkbox"/> <b>Intrinsic Factor ELISA</b></p> <p><input type="checkbox"/> <b>Pancreas acini</b></p> <p><input type="checkbox"/> CUZD1</p> <p><input type="checkbox"/> GP2</p> <p><input type="checkbox"/> <b>Saccharomyces cerevisiae (ASCA)</b></p> <p><input type="checkbox"/> <b>Goblet cells, intestinal</b></p> <p><input type="checkbox"/> <b>pANCA</b> (granulocytes)</p> <p><input type="checkbox"/> <b>DNA-bound lactoferrin</b></p> <p><input type="checkbox"/> <b>Endomysium</b></p> <p><input type="checkbox"/> <b>Transglutaminase (EMA) ELISA</b></p> <p><input type="checkbox"/> <b>Deamidated gliadin</b> (CD-AGFA; GAF-3X)</p> <p><input type="checkbox"/> <b>Celiac Profile</b></p> <p>EUROLINE Transglutaminase, GAF-3X</p>
<p><b>P A G M</b> <b>EYE</b></p> <p><input type="checkbox"/> <b>Recoverin</b></p> <p><input type="checkbox"/> <b>Eye tissue</b></p> <p><input type="checkbox"/> Retina</p>	<p><b>CSF Serum</b></p> <p><b>Neurodegenerative diseases</b></p> <p><input type="checkbox"/> Beta-amyloid (1-40) (antigen detection) <sup>2</sup></p> <p><input type="checkbox"/> Beta-amyloid (1-42) (antigen detection) <sup>2</sup></p> <p><input type="checkbox"/> Total tau (antigen detection) <sup>2</sup></p> <p><input type="checkbox"/> pTau(181) (antigen detection) <sup>2</sup></p> <p><input type="checkbox"/> pNF-H neurofilament (ALS; antigen detection) <sup>2</sup></p> <p><input type="checkbox"/> pNF-L neurofilament (ALS; antigen detection) <sup>2</sup></p>	<p><b>P A G M</b> <b>EXOCRINE GLANDS, PANCREATITIS, SJOEGREN'S SYNDROME</b></p> <p><input type="checkbox"/> <b>Pancreas, exocrine</b></p> <p><input type="checkbox"/> Pancreas acini</p> <p><input type="checkbox"/> Pancreas excretory ducts</p> <p><input type="checkbox"/> <b>Salivary glands</b> (parotid gland)</p> <p><input type="checkbox"/> Parotid gland acini</p> <p><input type="checkbox"/> Parotid gland excretory ducts</p> <p><input type="checkbox"/> Lacrimal gland</p> <p><input type="checkbox"/> ANA (cell nuclei) IFA global testing</p> <p><input type="checkbox"/> <b>SS-A (Ro)</b></p> <p><input type="checkbox"/> <b>SS-B (La)</b></p> <p><input type="checkbox"/> ssDNA (single-stranded DNA)</p>
<p><b>P A G M</b> <b>HEART</b></p> <p><input type="checkbox"/> <b>AMA M7</b> (myocard-specific)</p> <p><input type="checkbox"/> Heart muscle</p> <p><input type="checkbox"/> Heart: intercalated disc</p> <p><input type="checkbox"/> Heart: myolemma</p>		

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

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