

SEND TO	Wieslab AB P.O. Box 50117, SE-202 11 Malmö, Sweden	CONTACT diagnostic.services@svarlifescience.com	T +46 (0)40 - 53 76 60 F +46 (0)40 - 43 28 90
REQUESTING DOCTOR/CLINIC Postal address for test result report	BILL TO / INVOICE ADDRESS Only doctors, laboratories and hospital administration can be invoiced	PATIENT DATA Full name: Birth date, Identity number:	
REFERENCE NUMBER / COST CENTER	REQUESTING DOCTOR Name: Email: Phone:	GENDER Man Woman Other	
Comments (Patient history etc.)	SAMPLING DATE	SAMPLING MATERIAL Serum CSF EDTA-Plasma EDTA-Whole blood	
	SPECIMEN COLLECTION INFORMATION <ul style="list-style-type: none"> For autoantibody assays, blood should be collected in plain tubes (serum tubes) without additives. Centrifuge blood sample (1300-1800g for 10 min). 3 mL serum is enough for approx. 15 tests. 3 mL CSF is enough for approx. 10 tests. 2,5 mL EDTA-whole blood is needed for genetic testing. 0,5 mL CSF/polypropylene tube/ biomarker (transport frozen if no other information is stated). 0,5 mL EDTA-plasma/ biomarker (transport frozen if no other information is stated). For more information about sampling please see: www.svarlifescience.com/sampling-instructions <p>The health care provider submitting the sample(s) together with this Request Form hereby confirms that the patient (or the patient's guardian or trustee, if applicable) has been informed about the <i>Terms and Conditions</i> regarding the handling and storage of samples.</p> <p>No, the patient does not give her/his consent to save the sample The patient is currently unable to give his or her consent in relation to retention of the sample(s)</p>		

Select test panel, on suspicion of:

Individual tests on the reverse side →

AUTOIMMUNE ENCEPHALITIS

195 Autoimmune encephalitis

Antibodies against AMPAR 1/2, CASPR2, DPPX, GABA B R, LGI1, NMDA-R, VGKC¹.

URGENT – Results within 24 hours (during laboratory hours)

199 Paraneoplastic syndrome and cerebellar ataxia

Antibodies against Amphiphysin, CV2/ CRMP5, Hu, Ma, Ri, Yo, GAD, Recoverin, SOX1 Titin, Tr, Zic4.

URGENT – Results within 24 hours (during laboratory hours)

560 Autoimmune encephalitis, paraneoplastic syndrome & cerebellar ataxia

Antibodies against AMPAR 1/2, CASPR2, DPPX, GABA B R, LGI1, NMDA-R, VGKC¹, Amphiphysin, CV2/CRMP5, GAD, Hu, Ma, Recoverin, Ri, SOX1, Titin, Tr, Yo, Zic4.

URGENT – Results within 24 hours (during laboratory hours)

562 Extended panel for neuronal antibodies

Antibodies against ANNA 3, CARP VIII, GlyR, HOMER3, IgLON5, ITPR1, Neurexin 3 alpha, PCA 2, VGCC.

587 Pediatric Autoimmune Encephalitis

Antibodies against NMDA-R, GABA A R, GABA B R, GAD, MOG.

588 Extended panel for Pediatric Autoimmune Encephalitis

Antibodies against Dopamin 2 R, GlyR, mGluR5.

574 Paraneoplastic cerebellar ataxia or limbic encephalitis (Ofelia's syndrome)

Antibodies against MGlur1 and MGlur5 (serum only).

585 Autoimmune Epilepsy

Antibodies against AMPAR 1/2, CASPR2, GABA B R, LGI1, NMDA-R, VGKC, GAD.

586 Extended test panel for Autoimmune Epilepsy

Antibodies against CV2/CRMP5, Hu, Ma, GlyR, DPPX, Ganglionic Acetylcholine receptor (serum only) and GFAP (CSF only)².

MULTIPLE SCLEROSIS (MS)

581 Multiple Sclerosis (MS)

Antibodies against Aquaporin 4, MOG and biomarkers CXCL13 (CSF only)² and NFL (Neurofilament light protein) - please choose: serum, EDTA-plasma, CSF²
Follow-up of biomarkers in diagnosed Multiple Sclerosis patients, please see test 994 on page 2

565 Neuromyelitis Optica spectrum disorder (NMOSD)

Antibodies against Aquaporin 4, MOG.

URGENT – Results within 24 hours (during laboratory hours)

884 Acute Disseminated Encephalomyelitis (ADEM)

Antibodies against MOG.

URGENT – Results within 24 hours (during laboratory hours)

549 Supplementary analysis of biomarker for suspected NMOSD

NfL (Neurofilament light protein) - please choose: serum, EDTA-plasma, CSF²
GFAP (Glial fibrillary acidic protein) (CSF only)²

SLEEP DISORDERS

558 Narcolepsy

Orexin/Hypocretin (CSF only) and HLA-DQB1*0602 (EDTA-whole blood)
A form for "Declaration of consent for human genetic analyses" needs to be signed and enclosed.

559 IgLON5 disease

Antibodies against IgLON5 (serum or CSF)
HLA-DRB1*10:01 and HLA DQB1*05:01 (EDTA-whole blood)
A form for "Declaration of consent for human genetic analyses" needs to be signed and enclosed.

INFLAMMATORY NEUROPATHY

534 Guillain-Barré Syndrome, Acute Demyelinating Polyneuropathy

Antibodies against gangliosides (GM1, GM2, GD1a, GD1b, GQ1b IgG/IgM), MAG, Sulfatide IgM. We recommend analysis in serum.

537 CIDP, Chronic Inflammatory Demyelinating Polyneuropathy

Antibodies against Contactin-1 (IgG) and Neurofascin-155 (IgG, IgM) (serum only).
In case of a positive test result a determination of subclass (IgG4) will follow automatically.

Small Fiber Neuropathy (SFN)

047 Antibodies against FGFR3 (Fibroblast growth factor receptor 3) (serum only).

804 Antibodies against TS-HDS (Trisulfated heparin disaccharide) IgM (serum only).

INFLAMMATORY MYOPATHY (MYOSITIS)

555 Inflammatory Myopathy/Myositis exclusive ANA screening

Antibodies against HMGCR, cN-1A, Mi-2α, Mi-2β, TIF1γ, MDA5, NXP2, SAE1, Ku, PM-Scl100, PM-Scl75, Jo-1, SRP, PL-7, PL-12, EJ, OJ and Ro-52 (serum only).

551 Inflammatory Myopathy/Myositis including ANA screening

Panel 555 (above) + ANA screen (serum only).

NEUROMUSCULAR TRANSMISSION DISORDERS

543 Myasthenia Gravis (MG)

Antibodies against AChR and striated muscle. Positive anti-AChR is supplemented with anti-Titin. Negative anti-AChR is supplemented with anti-MuSK (serum only).

For extended tests on the suspicion of MG, please see test 958 (anti-Lrp4) and 080 (anti-Agrin) on page 2

563 Lambert Eaton Myasthenic Syndrome (LEMS)

Antibodies against AChR, Amphiphysin, GAD, Hu, Ri, SOX 1, VGCC.

568 Stiff Person syndrome

Antibodies against Amphiphysin, GAD, GlyR.

CNS BIOMARKERS

Alzheimer's Disease/ Dementia

567 Tau, Phospho-Tau, Beta-Amyloid 42 & Ratio Beta-Amyloid 42/40 (CSF) 2 x 0,5 mL samples divided into 2 polypropylene tubes - to be sent frozen.

For genetic testing see "Request Form for Autoimmunity & Genetics"

566 CNS-Parenchymal damage markers

(CSF) Anoxic brain injury - the sample must be taken 7 days after the injury occurred.

GFAP (Glial fibrillary acidic protein) (CSF only)², Tau (CSF only)² and NFL (Neurofilament light protein) - please choose: serum, EDTA-plasma, CSF²

580 Progressive ALS (amyotrophic lateral sclerosis) biomarker

p-NfH (Neurofilament heavy protein) (endast likvor)² and NFL (Neurofilament light protein) - please choose: serum, EDTA-plasma, CSF²

For genetic testing see "Request Form for Autoimmunity & Genetics"

988 Neuroborreliosis (biomarker/chemokine)

CXCL13 (likvor only)²

994 Neurofilament light protein (NfL)

URGENT – Results within 48 hours (during laboratory hours)

- please choose: serum, EDTA-plasma, CSF²

¹ Test Result for VGKC will be sent later. ² CSF (0,5 mL – to be sent on dry ice)

Mark for individual test. All antibodies can be analyzed in both serum and CSF if not stated otherwise below.

NEURONAL AUTOANTIBODIES

Autoimmune encephalitis/Paraneoplastic syndromes/Cerebellar Ataxia/Autoimmune Epilepsy

772	AMPA receptor 1 & 2
730	Amphiphysin
874	ANNA-3
854	CARP VIII
835	CASPR2
870	CV2/CRMP-5
052	Dopamin 2-R
851	DPPX (dipeptidyl aminopeptidase-like protein 6)
876	GABA-A-receptor
877	GABA-B-receptor
089	GAD (Glutamat decarboxylas) <i>serum (ELISA), CSF (IIF/Blot)</i>
996	GfAp (IgG) (glial fibrillary acidic protein) <i>(CSF only)</i>
838	GlyR (Glycine receptor)
855	HOMER3
220	Hu (ANNA-1)
852	IgLON5
856	ITPR1
833	LGI-1
790	Ma (Ma-1, Ma-2/Ta)
117	MGlur1 (metabotropic glutamate receptor 1) <i>(serum only)</i>
118	MGlur5 (metabotropic glutamate receptor 5) <i>(serum only)</i>
872	Neurexin 3-alpha
871	Neurochondrin
875	NMDA-R
761	Purkinje cells - PCA-2
760	Purkinje cells - Tr (DNER)
740	Purkinje cells - Yo
750	Ri (Nova 1, ANNA-2)
737	SOX1 (anti-glia nuclear antibody)
965	Titin
845	VGCC (voltage-gated calcium channel)
831	VGKC (voltage-gated potassium channel)
742	Zic4

MS, NMO and ADEM

873	Aquaporin 1 <i>(serum only)</i>
880	Aquaporin 4
884	MOG (myelin oligodendrocyte glycoprotein)

(For NfL, CXCL13 and GFAP - please see *Biomarkers*)

Paraneoplastic retinopathy syndromes (Panel 569)

837	Alpha-Enolase <i>(serum only)</i>
736	Recoverin

Sleeping disorders

970	Trib2 (Tribbles homolog 2) <i>(serum only)</i>
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(For Hypocretin/Orexin, please see *Biomarkers*, IgLON5 please see *Neuronal Autoantibodies* and for HLA-testing please see *Genetic tests*)

OTHER AUTOANTIBODIES

Inflammatory Neuropathies

836	CASPR1 <i>(serum only)</i>
601	Contactin-1 (IgG) <i>(serum only)</i> In case of a positive test result a determination of subclass (IgG4) will follow automatically
617	Contactin-1 - IgG4-subclass determination
047	FGFR3 (fibroblast growth factor receptor 3) <i>(serum only)</i>
546	Gangliosides (IgG + IgM): GM1, GM2, GD1a, GD1b and GQ1b
093	MAG (Myelin associated glycoprotein)
602	Neurofascin 155 (IgG + IgM) <i>(serum only)</i> In case of a positive test result a determination of subclass (IgG4) will follow automatically
618	Neurofascin 155 - IgG4-subclass determination
355	Sulfatide IgM
804	TS-HDS (Trisulfated heparin disaccharide) (IgM)

Neuromuscular transmission disorders *(serum only)*

079	AChR (Acetylcholine receptor)
080	Agrin
959	Ganglionär acetylcholine receptor
958	LrP4 (lipoprotein receptor-related protein-4)
960	MuSK (muscle-specific kinase)
839	Ryanodine receptor
085	Striated muscle

(For Amphiphysin, VGCC, Titin, GAD, Hu, Ri, Sox-1 and Glycine receptor please see *Neuronal Autoantibodies*)

Inflammatory Myopathies/Myositis *(serum only)*

020	ANA screen (HEp-2 cells)
024	ANA specificities (formerly known as ENA)
141	cN-1A (cytosolic 5'-nucleotidase 1A) (also known as Mup44 and NT5c1A)
485	HMGCR (3-hydroxy-3-methylglutaryl-CoA reductase)
481	KS (Asparaginyl-tRNA-Synthetase)
548	Myopathies (Myositis) Screen (Mi-2 α , Mi-2 β , TIF1 γ , MDA5, NXP2, SAE1, Ku, PM-Scl100, PM-Scl75, Jo-1, SRP, PL-7, PL-12, EJ, OJ, Ro-52)
715	PM/Scl (p100)
450	RNA polymerase

Contact us!

Are you looking for a collaborating partner for analyzes in clinical trials and/or projects?

Can't find the analysis or test you are looking for on the Request Form?

Send us an email diagnostic.services@svarlifescience.com

BIOMARKERS

All biomarkers are analyzed in CSF. Samples should be shipped frozen (if not stated otherwise). Minimum 0,5 mL CSF/propylene tube/biomarker.

992	Beta-Amyloid (42)
997-L	Beta-Amyloid ratio 42/40
988	CXCL 13
993	GFAP (Glial fibrillary acidic protein)
989	Hypocretin-1/Orexin-A <i>Can be sent in room temperature</i>
119	p-NFH (neurofilament heavy protein)
994-L	NfL (neurofilament light protein) <i>(CSF)</i>
994-S	NfL (neurofilament light protein) <i>(serum)</i> <i>Can be sent in room temperature (should reach Wieslab within 48h of sampling - otherwise frozen).</i>
994-P	NfL (neurofilament light protein) <i>(EDTA-plasma)</i> <i>Can be sent in room temperature (should reach Wieslab within 48h of sampling - otherwise frozen).</i>
991	Phospho-Tau
995	S-100
990	Tau

GENETIC TESTS

All genetic tests are analyzed in uncentrifuged EDTA whole blood. Each sample should contain a minimum of 2.5 mL in each tube. Can be transported in room temperature. A form for "Declaration of consent for human genetic analyses" needs to be signed and enclosed. See: www.svarlifescience.com/hla-request-samttycke

291	HLA-DQB1*06:02 on suspicion of Narcolepsy
292	HLA-DRB1*10:01 on suspicion of IgLON5 disease
293	HLA-DQB1*05:01 on suspicion of IgLON5 disease

Additional genetic testing can be found on the Request Form: Autoimmunity & Genetics

Information about tests, sampling instructions as well as Terms and Conditions are available on: www.svarlifescience.com/sampling-instructions

www.svarlifescience.com/terms-conditions-wieslab-diagnostic-service

For tests related Autoimmune Diagnostics, Therapeutic Drug Monitoring and Autoimmunity & Genetics please use respective Request Form.

Orders/Requests: (The latest version of the Request Forms is always available for download on our website: www.svarlifescience.com/request-forms-remisser)

Please send us
Request Forms:
(max 50)

Autoimmune Diagnostics

Neurology

Monitoring of Biopharmaceuticals (TDM)

Autoimmunity & Genetics