

Wieslab Request Form - Neurology

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:	
		GENDER Man Woman Other	
REFERENCE NUMBER /COST CENTER		SAMPLING DATE	
REQUESTING DOCTOR Name: Email: Phone:		SAMPLING MATERIAL Serum CSF EDTA-Plasma EDTA-Whole blood	
Comments (Patient history etc.)		SPECIMEN COLLECTION INFORMATION - 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 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. 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)	

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, Neuropilin 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 HMGR, 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)

Wieslab Request Form - Neurology

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) serum (ELISA) , CSF (IIF/Blot)
996	GfAp (IgG) (glial fibrillary acidic protein) (CSF only)
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) (serum only)
118	MGlur5 (metabotropic glutamate receptor 5) (serum only)
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 (serum only)
880	Aquaporin 4
884	MOG (myelin oligodendrocyte glycoprotein)

(For NfL, CXCL13 and GfAp - please see Biomarkers)

Paraneoplastic retinopathy syndromes (Panel 569)

837	Alpha-Enolase (serum only)
736	Recoverin

Sleeping disorders

970	Trib2 (Tribbles homolog 2) (serum only)
-----	---

(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 (serum only)
601	Contactin-1 (IgG) (serum only) 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) (serum only)
546	Gangliosides (IgG + IgM): GM1, GM2, GD1a, GD1b and GQ1b
093	MAG (Myelin associated glycoprotein)
602	Neurofascin 155 (IgG + IgM) (serum only) 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-2α, Mi-2β, TIF1γ, 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 Can be sent in room temperature
119	p-NfH (neurofilament heavy protein)
994-L	NfL (neurofilament light protein) (CSF)
994-S	NfL (neurofilament light protein) (serum) Can be sent in room temperature (should reach Wieslab within 48h of sampling - otherwise frozen).
994-P	NfL (neurofilament light protein) (EDTA-plasma) Can be sent in room temperature (should reach Wieslab within 48h of sampling - otherwise frozen).
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-samtycke

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