

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	
	SAMPLING DATE	
REFERENCE NUMBER / COST CENTER	SAMPLING MATERIAL Serum CSF EDTA-Plasma EDTA-Whole blood	
REQUESTING DOCTOR Name: Email: Phone:	SPECIMEN COLLECTION INFORMATION <ul style="list-style-type: none"> For autoantibody assays, blood should be collected in plain tubes (serum tubes) without additives. 3 mL serum after centrifuging 7 mL blood (1300-1800g for 10 min) is enough for approx. 15 tests. Keep samples cold until transport. Transport samples at room temperature by ordinary mail or with cold packs if long transportation (>24h). 3 mL CSF should be collected and transported in polypropylene tubes; enough for approx. 10 tests. 2,5 mL EDTA-whole blood is needed for HLA determination. 0,5 mL CSF is needed for each biomarker (transport frozen). For more information about sampling please see: www.wieslab.com/diagnostic-services/sampling 	
Comments (Patient history etc.)	The healthcare provider submitting the sample(s) with this request form hereby confirms that the patient (or the patient's guardian or trustee, if applicable) has been informed that the samples may be retained by Wieslab AB for a period of up to 5 years for the purpose of conducting further analyses in order to make a diagnosis, and that Wieslab AB intends to retain samples for a period of up to 5 years for the purpose of the Svar Life Science AB/Wieslab AB's future development of analysis methods and its business activities. 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:

**URGENT - Results within 24 hours (during laboratory hours)

If the sample arrives no later than 10.00 on a weekday, the test is performed on the same day.

Telephone number for urgent reporting:

Individual tests on the reverse side →

AUTOIMMUNE ENCEPHALITIS

195 Antibodies against AMPAR1/2, CASPR2, DPPX, GABA B R, LGI1, NMDA receptor, VGKC. (Serum and CSF*) **URGENT****
(Results anti-VGKC will be sent later)

Paraneoplastic syndrome and cerebellar ataxia

199 Antibodies against Amphiphysin, CV2/CRMP5, Hu, Ma, Ri, Yo, GAD, Recoverin, SOX1 Titin, Tr, Zic4. (Serum and CSF*) **URGENT****

Autoimmune encephalitis, paraneoplastic syndrome & cerebellar ataxia

560 Antibodies against AMPAR1/2, CASPR2, DPPX, GABA B R, LGI1, NMDA receptor, VGKC, Amphiphysin, CV2/CRMP5, GAD, Hu, Ma, Recoverin, Ri, SOX1 Titin, Tr, Yo, Zic4. (Serum and CSF*) **URGENT****
(Results anti-VGKC will be sent later)

Extended panel for neuronal antibodies

562 Antibodies against ANNA 3, CARP VIII, Glycine receptor, HOMER3, IgLON5, ITPR1, PCA 2, VGCC. (Serum and CSF*)

Hodgkin's lymphoma with paraneoplastic cerebellar ataxia or limbic encephalitis (Ofelia's syndrome)

574 Antibodies against MGlur1 and MGlur6. (Serum)

AUTOIMMUNE EPILEPSY

585 Antibodies against AMPAR1/2, CASPR2, GABA B R, LGI1, NMDA receptor, VGKC and GAD. (Serum and CSF*)

Extended test panel for Autoimmune Epilepsy

586 Antibodies against CV2/CRMP5, Hu, Ma, Glycine receptor, DPPX, Ganglionic Acetylcholine receptor and GFAP. (Serum and CSF*)

MULTIPLE SCLEROSIS

581 Antibodies against Aquaporin 4, MOG and biomarkers Neurofilament light (NFL) and CXCL13. (Serum and CSF* - 0,5 mL CSF is needed for each biomarker - to be sent frozen in separate polypropylene tubes.)

Neurofilament light protein (NFL) - Please choose sample material Serum CSF

Follow-up of biomarkers in diagnosed Multiple Sclerosis patients

994-S Neurofilament light protein (NFL) - Serum

994-L Neurofilament light protein (NFL) - CSF (0,5 mL - to be sent frozen in a separate polypropylene tube)

NMOSD, Neuromyelitis optica spectrum disorder

565 Antibodies against Aquaporin 4, MOG. (Serum and CSF*) **URGENT****

Supplementary analysis of biomarker for suspected NMOSD

549 Neurofilament light protein (NFL), Glial fibrillary acidic protein (GFAP). NFL can be analyzed in serum and CSF, GFAP is only analysed in CSF. The CSF sample should be sent frozen divided in 2 polypropylene tubes with a minimum of 0.5 mL in each tube.

Neurofilament light protein (NFL) - Please choose sample material Serum CSF

ADEM, Acute Disseminated Encephalomyelitis

884 Antibodies against Aquaporin 4, MOG. (Serum and CSF*)

SLEEP DISORDERS

Narcolepsy

558 Orexin/Hypocretin (CSF) and HLA-DQB1*0602 (2,5 mL whole blood).

Note: Two different sample materials. A form for "Declaration of consent for human genetic analyses" needs to be signed and enclosed.

IgLON5 disease

559 Antibodies against IgLON5 (serum or CSF) and HLA-DRB1*10:01 and HLA DQB1*05:01 (2,5 mL whole blood). Note: Two different sample materials. A form for "Declaration of consent for human genetic analyses" needs to be signed and enclosed.

INFLAMMATORY NEUROPATHY

Guillain-Barré, Acute Demyelinating Polyneuropathy

534 Antibodies against gangliosides (GM1, GM2, GD1a, GD1b, GQ1b IgG/IgM), MAG, Sulphatide IgM. (Serum and CSF*) We recommend analysis in serum.

CIDP, Chronic Inflammatory Demyelinating Polyneuropathy

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

Inflammatory axonal sensory neuropathy

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

NEUROMUSCULAR TRANSMISSION DISORDERS

Myasthenia gravis

543 Antibodies against Acetylcholine (anti-AChR) and striated muscle. Positive anti-AChR is supplemented with anti-Titin. Negative anti-AChR is supplemented with anti-MuSK. (Serum)

Lambert Eaton Myasthenic Syndrome (LEMS)

563 Antibodies against Acetylcholine receptor, Amphiphysin, GAD, Hu, Ri, SOX 1, VGCC. (Serum and CSF*)

Stiff person syndrome

568 Antibodies against Amphiphysin, GAD, Glycine receptor. (Serum and CSF*)

Alzheimers disease/Dementia

567 Tau, Phospho-Tau, Beta-Amyloid 42 & Ratio Beta-Amyloid 42/40. (CSF) Send frozen sample divided into 3 polypropylene tubes with minimum 0.5 mL in each. For genetic testing see request form for Autoimmunity & Genetics

CNS-Parenchymal damage markers

566 Neurofilament light protein (NFL), Glial fibrillary acidic protein (GFAP), Tau (CSF) With Anoxic brain injury the sample must be taken 7 days after the injury occurred. NFL can also be analysed in serum.

Progressive ALS (amyotrophic lateral sclerosis) biomarker

580 Neurofilament heavy protein (p-NfH) & Neurofilament light protein (NFL). (CSF, 0,5 mL sent frozen). For genetic testing see request form for Autoimmunity & Genetics

Neurofilament light protein (NFL) - Please choose sample material Serum CSF

Neuroborrelios biomarker/chemokine

988 CXCL13. (CSF, 0,5 mL sent frozen).

Inflammatory Myopathy (Myositis)

555 Antibodies against HMGR, cN-1A, 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 och Ro-52. (Serum)

551 incl. ANA screen

*Serum is recommended as a first hand approach. CSF may be used if serum test gives a negative result. Anti-NMDA receptor antibodies and anti Aquaporin 4 antibodies can in rare cases only be detected in CSF.

Mark for test

AUTOANTIBODIES

Autoimmune encephalitis/Paraneoplastic syndromes/Cerebellar ataxia

772	AMPA receptor 1 & 2
730	Amphiphysin
874	ANNA-3
854	CARP VIII
835	CASPR2
870	CV2/CRMP-5
851	DPPX
877	GABA-B-R
089	GAD (Glutamat dekarboxylas) - Serum (ELISA), CSF (IIF/Blot)
996	GfAp (IgG)
838	Glycine receptor (GlyR)
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)
118	MGLur5 (metabotropic glutamate receptor 5)
875	NMDA receptor
761	Purkinje cells - PCA-2
760	Purkinje cells - Tr
740	Purkinje celler - Yo
750	Ri (Nova 1, ANNA-2)
737	SOX1 (anti-glia nuclear antibody)
965	Titin
845	Voltage-gated calcium channel (VGCC)
831	Voltage gated potassium channels (VGKC)
742	Zic4

Myopathies (myositis)

020	ANA screen on HEp-2 celler
024	ANA specificities (formerly known as ENA)
141	cN-1A, Cytosolic 5'-nucleotidase 1A, (Mup44, NT5c1A)
485	HMGCR (HMG-CoA reductas)
481	KS (AsparaginyI-tRNA-Synthatase)
548	Myopathy (Myositis) screen (only analysed in serum) (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 polymeras

Sleeping disorders

970 Trib2 (only analysed in serum)

(For Hypocretin/Orexin, please see Biomarkers, IgLON5 please see Autoantibodies and for HLA-testing please see Genetic tests)

Inflammatory Neuropathies

836	CASPR1
601	Contactin-1 (IgG) (only analysed in serum) In case of a positive test result a determination of subclass (IgG4) will follow automatically.
617	IgG4- subclass determination of Contactin 1
047	FGFR3 (fibroblast growth factor receptor 3) (only analysed in serum)
546	Gangliosides (IgG+IgM): GM1, GM2, GD1a, GD1b och GQ1b
093	Myelin associated glycoprotein (MAG)
602	Neurofascin-155 (IgG, IgM) (only analysed in serum) In case of a positive test result a determination of subclass (IgG4) will follow automatically.
618	IgG4- subclass determination of Neurofascin 155
355	Sulphatide IgM

MS, NMO and ADEM

873	Aquaporin 1 (only analysed in serum)
880	Aquaporin 4
884	Myelin oligodendrocyt glycoprotein (MOG)

(For NFL, CXCL13 and GfAp please see Biomarkers)

Neuromuscular transmission disorders

079	Acetylcholine receptor (AChR) (only analysed in serum)
959	Ganglionic acetylcholine receptor (only analysed in serum)
958	Lrp4 (lipoprotein receptor-related protein-4) (only analysed in serum)
960	MuSK (only analysed in serum)
839	Ryanodine receptor (only analysed in serum)
085	Striated muscle (only analysed in serum)

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

Paraneoplastic retinopathy syndromes (Panel 569)

837	alfa-Enolase (only analysed in serum)
736	Recoverin

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

Is only analysed in CSF. Samples should be shipped frozen aliquoted in polypropylene tubes with a minimum of 0.5 mL in each tube.

992	β -Amyloid
988	CXCL13
993	Glial fibrillary acidic protein (GfAp)
989	Hypocretin/Orexin (not required to be frozen)
119	Neurofilament heavy protein (p-NfH)
994-S	Neurofilament light protein (NFL) - Serum
994-L	Neurofilament light protein (NFL) - CSF, sent frozen
991	Phospho-Tau
995	S-100 (CsV)
990	Tau

GENETIC TESTS

291	HLA-DQB1*06:02 at suspicion of narcolepsy. (2.5 mL EDTA whole blood)
292	HLA-DRB1*10:01 at suspicion of IgLON5 disease. (2.5 mL EDTA whole blood)
293	HLA-DQB1*05:01 at suspicion of IgLON5 disease. (2.5 mL EDTA whole blood)

Note: A form for "Declaration of consent for human genetic analyses" needs to be signed and enclosed (see: www.svarlifescience.com/services/request-form).

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

The latest version of the request forms are always available for download on our website.

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

Orders/Requests:

Send us Request Forms:

Autoimmune Diagnostics

Neurology

Monitoring of Biopharmaceuticals (TDM)

Autoimmunity & Genetics

Overview of autoimmune neurology testing