

DEAR CUSTOMER

We hereby inform you about some new tests and updates within our Portfolio for Neurology 2022.

NEW TEST: Neurogranin

Neurogranin - Alzheimers disease

Neurogranin is a synaptic protein of importance for creation and function of memory. Increased levels of neurogranin in cerebrospinal fluid (CSF) are found in degenerative processes that is important in the development of Alzheimers disease (AD). Even at early stages of AD, dysfunction and loss of synapses are directly linked to cognitive symptoms such as memory disturbances and are considered to occur earlier than neuronal loss.

Neurogranin (Ng) is a post-synaptic protein that previously has been shown to be a biomarker for synaptic function when measured in cerebrospinal fluid (CSF). The CSF concentration of Ng is increased in Alzheimer's disease dementia (ADD), and even in the pre-dementia stage.

Portelius, E., Olsson, B., Höglund, K. et al. Cerebrospinal fluid neurogranin concentration in neurodegeneration: relation to clinical phenotypes and neuropathology. Acta Neuropathol 136, 363–376 (2018). <https://doi.org/10.1007/s00401-018-1851>

The CSF sample should be drawn in a polypropylene tube, centrifuged (10 minutes at 1300-1800g), and aliquoted into 0,5 ml, and be sent frozen on dry ice (-20° C). The test result will be reported as concentration of ng/L. The price for Neurogranin is currently 75 EUR.

INFO: Panels & Singel Test

Small Fiber Neuropathy (SFN)

Since we started offering the tests anti-FGFR3 and anti-TS-HDS for SFN, the interest has been high for testing both. We have decided to offer the two tests as a package at a discounted price. Both are still available as separate tests on our request form on page 2.

SFN should be considered in patients with wide-spread body pain. The search for known causes of SFN is a crucial step in disease management.

Farhad K. Current Neurology and Neuroscience Reports (2019) 19: 103. Current Diagnosis and Treatment of Painful Small Fiber Neuropathy PMID: 31773305

3 ml serum is sent to us in room temperature, the result will be given as positive or negative with a titer. As a panel with item number 535, the price is 490 EUR. We are working on more tests to be added to our portfolio for SFN during 2022.

GFAP-antibodies – both in serum and/or CSF

Autoantibodies against GFAP (Glialfibrillar Acid Protein) have been reported in autoimmune CNS disease with meningo-encephalomyelitis or parts thereof and are termed GFAP-astrocyte disease. Presence of anti-GFAP may occur individually but are also detected together with anti-NMDAR-ak in about 20% and with anti-AQP4 in about 10% of cases. Adults are usually affected, but 10% of reported cases are children. The clinical picture includes headache, encephalopathy, optic neuritis, and myelitis.

The test can now be offered in both CSF and serum. It can be ordered individually (no. 996) at a price of 106 EURO and is also offered as a part of panel 586 "Extended analysis in suspected Autoimmune Epilepsy", or panel 562 "Extended analysis for neuronal antibodies". Please see the attached Request form for a complete list of the panels' individual components.

Neurofilament light (NfL)

As stated in previous newsletter, we offer test for NfL on the SIMOA HD-X in our laboratory in Malmö. This test is possible to be performed in serum, EDTA-plasma, or CSF.

Regardless of material the sample should be sent frozen on dry ice (-20° C). The test can be ordered as a routine test which costs 160 EUR, and the result is then reported within a week after arrival to the laboratory. It is also possible to report the result within 48 hours at the cost of 900 EUR.



NEWS! Wieslab has its own App

We are very proud to present our new App. You will be able to access information about the test portfolio, find practical information about preanalytical sample handling and shipping. To download the app to your smartphone, simply scan the QR code in this letter or visit us at our website: www.wieslab.se

Since we continuously will improve and expand the App, we are happy for your feedback about the function and its content.

ELECTRONIC TEST RESULTS - Get your test reports online!

As of October 2021, Wieslab AB and InfoSolutions Sverige AB have a collaboration that will enable the handling of test reports from Wieslab Diagnostic Services electronically in the InfoSolutions platform LabPortalen.

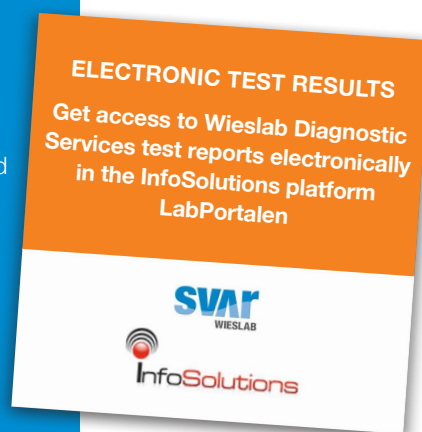
LabPortalen is a national and independent Swedish service for exchanging request forms and test results between laboratories and care providers. Today the service connects over 1000 different care providers with over 20 laboratories within Sweden and can be reached as well internationally with an English LabPortalen version.

Wieslab and InfoSolutions' collaboration means that you as a Wieslab customer now can access your test results in the LabPortalen. LabPortalen is a CE-marked medical product that provides a complete and secure system for delivering electronic test results.

An electronic test result from Wieslab will be displayed in LabPortalen, which can be accessed via a user account. The advantages of switching to a digital management are that you will receive the test results much faster, and that patient safety will be higher by not having to handle test results on paper.

Is your clinic interested in an account?

Please contact us for more information: Email: analysis.se@svarlifescience.com or telephone number: +46 40 53 76 60



URGENT TESTING INFO: Panels & Singel Test

URGENT TESTING - get your test results within 24-48 hours!

The following panels and individual tests can be ordered as Urgent Tests with a result within 24 or 48 hours.

- **PMN (Primary membranous nephropathy) (24h)**
- **Anti-GBM (IgG4) subclass determination (48h)**
- **Autoimmune Encephalitis (24h)**
- **Paraneoplastic syndrome/Cerebellar ataxia (24h)**
(using two confirming methods)
- **NMOSD/ADEM (24h)**
- **Neurofilament light (NfL) (48h)** (EDTA-plasma/serum/CSF)

FREE OF CHARGE

EXPERT CONSULTANCY

If you have questions about interpreting laboratory test results from us - contact us via email.

BIOBANK

When consented by the patient, remaining test material is stored frozen up to five years after the analysis has been ordered. If you need us to further test a previously sent patient sample – contact our laboratory.

SEARCHING FOR A SPECIFIC MARKER OR A RESEARCH PARTNER?

Is the test you are looking for not on our Request Forms? Or are you looking for a partner for testing within a clinical trial or project? Take advantage of our expertise, flexible solutions and exceptional customer service.

PRESENTATION OF OUR PORTFOLIO

Do you want more information? We are happy to visit you for a presentation - at lunchtime or another desired time!

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Appendix: Request Forms; Neurology, July 2022

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