The Appendix is an integral part of
Certificate of Accreditation No. 667/2017 of 15/11/2017

Accredited entity according to ČSN EN ISO 15189:2013:

Topelex s.r.o.
Laboratory for Liquorology, Neuroimmunology, Pathology and Special Diagnostics
Sokolovská 810/304, Vysočany, 190 00 Praha 9

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
801 - Clinical Biochemistry			
1.	Determination of mass concentration of total protein in cerebrospinal fluid by photometry [CB (CSF)]	SOPV1	CSF
2.	Determination of molar concentration of glucose in cerebrospinal fluid by photometry [Glucose (CSF)]	SOPV2	CSF
3.	Determination of molar concentration of lactate in cerebrospinal fluid by photometry [Lactate (CSF)]	SOPV3	CSF
4.	Determination of mass concentration of albumin in serum by photometry [Albumin (S)]	SOPV4	Serum
5.	Quantitative cytological examination of the number of cell elements in cerebrospinal fluid [Elements (CSF)]	SOPV5	CSF
6.	Qualitative cytological examination of cerebrospinal fluid [Cytology (CSF)]	SOPV6	CSF
7.	Determination of mass concentration of albumin in cerebrospinal fluid by nephelometry [Albumin (CSF)]	SOPV8	CSF
8.	Determination of mass concentration of apolipoprotein A-I in serum by nephelometry [Apo A-I (S)]	SOPV17	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
9.	Determination of mass concentration of apolipoprotein B in serum by nephelometry [Apo B (S)]	SOPV19	Serum
802 - Medical microbiology			
1.	Determination of arbitrary concentration of specific antibodies by ELISA method in cerebrospinal fluid and serum 1) Determination of antibodies against *Borrelia burgdorferi sensu lato* [Anti-Borrelia IgG (CSF), Anti-Borrelia IgM (CSF), Anti-Borrelia IgG (S), Anti-Borrelia IgM (S)], 2) Determination of antibodies against tick-borne meningoencephalitis [TBE IgG (CSF), TBE IgM (CSF), TBE IgG (S), TBE IgM (S)]	SOPV 36	CSF, serum
2.	Qualitative determination of specific antibodies by WB method in cerebrospinal fluid and serum Determination of antibodies against *Borrelia burgdorferi sensu lato* [Borrelia IgG WB (CSF), Borrelia IgM WB (CSF), Borrelia IgG WB (S), Borrelia IgM WB (S)]	SOPV 37	CSF, serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
3.	Detection of DNA of pathogenic agents in body fluids by real-time PCR method 1) Determination of herpes virus DNA [PCR HSV1, PCR HSV2, PCR VZV, PCR CMV, PCR EBV] 2) Determination of JC virus DNA [PCR JCV]	SOPV 45	Body fluids[1]
813 - Allergology and Immunology Laboratory			
1.	Detection of oligoclonal IgG bands in cerebrospinal fluid and serum by isoelectric focusation method [IEF IgG (CSF), IEF IgG (S)]	SOPV7	CSF, serum
2.	Determination of mass concentration of IgG in serum by nephelometry [IgG (S)]	SOPV9	Serum
3.	Determination of mass concentration of IgG in cerebrospinal fluid by nephelometry [IgG (CSF)]	SOPV10	CSF
4.	Determination of mass concentration of IgA in serum by nephelometry [IgA (S)]	SOPV11	Serum
5.	Determination of mass concentration of IgA in cerebrospinal fluid by nephelometry [IgA (CSF)]	SOPV12	CSF
6.	Determination of mass concentration of IgM in serum by nephelometry [IgM (S)]	SOPV13	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
7.	Determination of mass concentration of IgM in cerebrospinal fluid by nephelometry [IgM (CSF)]	SOPV14	CSF
8.	Determination of mass concentration of orosomucoid in serum by nephelometry [Orosomucoid (S)]	SOPV15	Serum
9.	Determination of mass concentration of orosomucoid in cerebrospinal fluid by nephelometry [Orosomucoid (CSF)]	SOPV16	CSF
10.	Determination of mass concentration of C3 complement component in serum by nephelometry [C3 (S)]	SOPV21	Serum
11.	Determination of mass concentration of C4 complement component in serum by nephelometry [C4 (S)]	SOPV23	Serum
12.	Determination of mass concentration of CRP in serum by nephelometry [CRP (S)]	SOPV25	Serum
13.	Determination of mass concentration of haptoglobin in serum by nephelometry [Haptoglobin (S)]	SOPV27	Serum
14.	Determination of mass concentration of prealbumin in serum by nephelometry [Prealbumin (S)]	SOPV29	Serum
15.	Determination of mass concentration of transferrin in serum by nephelometry [Transferrin (S)]	SOPV31	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
16.	Determination of mass concentration of transferrin in cerebrospinal fluid by nephelometry [Transferrin (CSF)]	SOPV32	CSF
17.	Determination of mass concentration of Beta-2-microglobulin in serum and cerebrospinal fluid by nephelometry [Beta-2-microglobulin (S), Beta-2-microglobulin (CSF)]	SOPV46	CSF, serum
18.	Detection of oligoclonal non IgG bands in cerebrospinal fluid and serum by isoelectric focusation method 1) Determination of oligoclonal IgA bands [IEF IgA (CSF), IEF IgA (S)] 2) Determination of oligoclonal IgM bands [IEF IgM (CSF), IEF IgM (S)] 3) Determination of oligoclonal FLC kappa bands [IEF FLC kappa (CSF), IEF FLC kappa (S)] 4) Determination of oligoclonal FLC lambda bands [IEF FLC lambda (CSF), IEF FLC lambda (S)]	SOPV35	CSF, serum
823 – Pathology Laboratory			
1.	Cytological examination and diagnostics	SOPV51	Cells
2.	Histological examination of tissue and diagnostics	SOPV63	Tissues

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Names in parentheses [ ] are the names of examinations shown in the reports.

Explanations:
The suffix (CSF) means cerebrospinal fluid – liquor
The suffix (S) means serum – primary blood sample

[1] If no primary sample suffix is explicitly stated at the examination procedure name, the sample is a fluid in a broader sense: blood, urine, cerebrospinal fluid, extravascular fluids (the contents of preformed and pathological body reservoirs – i.e. abdominal , pleural, pericardial, brochoalveolar fluid, sputum etc.) sampled by puncture, catheterization, lavage, swab. The exact specification of the body fluid is then stated in the report.