


# VEQ 360°



**Una risorsa indispensabile per confermare e migliorare la qualità di tutto il tuo laboratorio.**

Catalogo 2024  **INISTAND**  
programmi dedicati al Liquido cefalo rachidiano

Estratto dal catalogo originale instand 2024

## Cerebrospinal Fluid Analysis 01 – Protein Analysis

Uhr / Zimmermann

460

Samples: 2 sets = CSF + serum of 1 ml  
 Sample properties: CSF + serum  
 Shipping Information: Shipping at ambient temperature  
 Certificate Validity: 6 months

additional sample set not available

participation according to Rili-BÄK:  
 quarterly

(Evaluation of CSF/serum quotients in diagrams and age-related interpretation)

Albumin  
 IgA  
 IgG – CSF

Albumin – CSF  
 IgA – CSF  
 IgM

Protein – CSF  
 IgG  
 IgM – CSF

Sample volumes in the CSF proficiency tests (No. 460-466) are limited as it is difficult to acquire large volumes of CSF.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	17.11.23	23.02.24	14.06.24	09.08.24
Sample Shipment:	09.01.24	23.04.24	13.08.24	08.10.24
Closing Date:	26.01.24	10.05.24	30.08.24	25.10.24

## Cerebrospinal Fluid Analysis 02 – Oligoclonal IgG

Uhr / Zimmermann

462

Samples: 1 set of samples, CSF + serum of 150 µl  
 Sample properties: CSF + serum  
 Shipping Information: Shipping at ambient temperature  
 Certificate Validity: 12 months / 12 months

additional sample set not available

participation according to Rili-BÄK:  
 bi-annual

(paired analysis of samples and interpretation)

Interpretation of the report Oligoclonal IgG

The acquisition of samples is demanding, as it is not possible to use pooled CSF, i.e. the samples are from individual patients (catheter, drainage, etc.).

	May (3)	Oct. (6)
Registration deadline:	23.02.24	09.08.24
Sample Shipment:	23.04.24	08.10.24
Closing Date:	10.05.24	25.10.24

## Cerebrospinal Fluid Analysis 03 – MRZ Reaction

Uhr / Zimmermann

463

Samples: 1 set of samples, CSF + serum à 1 ml  
 Sample properties: CSF + serum  
 Shipping Information: Shipping at ambient temperature  
 Certificate Validity: 12 months

additional sample set not available

Antibodies against Measles viruses, Rubella viruses, Varicella zoster viruses, Herpes simplex viruses (1+2).  
 Analysis of virus-specific antibodies in CSF and serum for detection of specific antibody response in central nervous system (MRZ reaction).

Detection of titers is not suitable. Evaluation as antibody index and interpretation of combined data.

	May (3)	Oct. (6)
Registration deadline:	23.02.24	09.08.24
Sample Shipment:	23.04.24	08.10.24
Closing Date:	10.05.24	25.10.24

Samples: 2 samples of 0.5 ml  
 Sample properties: CSF + serum  
 Shipping Information: Shipping at ambient temperature  
 Certificate Validity: 6 months / 12 months

additional sample set not available

participation according to Rili-BÄK:  
 quarterly

Glucose quotient (CSF/Serum)  
 Glucose – CSF  
 Lactate

Glucose quotient – diagnostic comment  
 Interpretation of the report  
 Lactate – diagnostic comment

Calculation of the CSF/serum ratio of glucose. Interpretation with respect to the reference range.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	17.11.23	23.02.24	14.06.24	09.08.24
Sample Shipment:	09.01.24	23.04.24	13.08.24	08.10.24
Closing Date:	26.01.24	10.05.24	30.08.24	25.10.24

## Cerebrospinal Fluid Analysis 05 – Neuroborreliosis

Zimmermann / Uhr

465

Samples: 1 set of samples, CSF + serum  
 Sample properties: CSF + serum, the CSF sample is not native CSF but serum diluted to CSF concentration  
 Shipping Information: Shipping at ambient temperature  
 Certificate Validity: 12 months

additional sample set not available

Borrelia IgG Antibody Index (AI) calculation

Interpretation of the report

Detection of titers is not suitable. Calculation of antibody index and interpretation.

	May (3)	Oct. (6)
Registration deadline:	23.02.24	09.08.24
Sample Shipment:	23.04.24	08.10.24
Closing Date:	10.05.24	25.10.24

## Cerebrospinal Fluid Analysis 06 – Dementia Markers

Uhr / Zerr

466

Samples: 1 CSF sample of 1 ml  
 Sample properties: CSF  
 Shipping Information: Shipping at ambient temperature  
 Certificate Validity: 12 months

additional sample set not available

Amyloid  $\beta$  Peptid 40 (A $\beta$ 40)  
 Amyloid  $\beta$  Peptid Ratio (A $\beta$  42/40)  
 PhosphoTau Protein (pTau)

Amyloid  $\beta$  Peptid 42 (A $\beta$ 42)  
 Total Tau Protein (Tau)

Neurochemical dementia diagnostics: Support for differential diagnosis of dementia by interpretation of the combined analysis of different marker proteins in CSF.

	May (3)	Oct. (6)
Registration deadline:	23.02.24	09.08.24
Sample Shipment:	23.04.24	08.10.24
Closing Date:	10.05.24	25.10.24

Samples: 1 CSF sample of 1 ml  
Sample properties: CSF  
Shipping Information: Shipping at ambient temperature  
Certificate Validity: 12 months

additional sample set not available

Neurochemical dementia diagnostics: Support for differential diagnosis of dementia by interpretation of the combined analysis of different marker proteins in CSF.

**May (3)**

Registration deadline: 23.02.24  
Sample Shipment: 23.04.24  
Closing Date: 10.05.24

Samples: 1 CSF sample of 1 ml  
Sample properties: CSF  
Shipping Information: Shipping at ambient temperature  
Certificate Validity: 12 months

additional sample set not available

Neurochemical dementia diagnostics: Support for differential diagnosis of dementia by interpretation of the combined analysis of different marker proteins in CSF.

**May (3)**

Registration deadline: 23.02.24  
Sample Shipment: 23.04.24  
Closing Date: 10.05.24