

CERTIFICATE

Survey of 16 May 2025

You have fulfilled the requirements of the External Quality Assessment with the following analysis

Cerebrospinal Fluid Analysis 05 - Neuroborreliosis (465):

Validity 12 months:

Borrelia IgG Antibody Index

(R) analysis is subject to the RiliBÄK

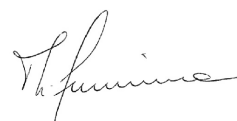
Customer:
10011570
TestLine Clinical Diagnostics s.r.o.
Krizikova 188/68
61200 Brno



Düsseldorf, 02 June 2025



Prof. Dr. med. Michael Spannagl
(Head of Reference Institution)



Dr. rer. nat. Thomas Zimmermann
(Adviser)

CERTIFICATE OF PARTICIPATION

Survey of 16 May 2025

You have participated in the External Quality Assessment with the following analysis

Cerebrospinal Fluid Analysis 05 - Neuroborreliosis (465):

Borrelia specific quotient
Borrelia IgG Antibody Index
Interpretation of the report

(R) analysis is subject to the RiliBÄK

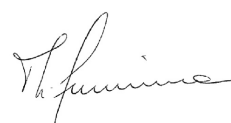
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Düsseldorf, 02 June 2025



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(Head of Reference Institution)



Dr. rer. nat. Thomas Zimmermann
(Adviser)

Listing and evaluation of the results

10011570: TestLine Clinical Diagnostics s.r.o.

Survey of 16 May 2025

Adviser:

Dr. rer. nat. Thomas Zimmermann

labopart - Medizinische Laboratorien

Dr. M. Gerber, Prof. Dr. F. Bühling, Prof. Dr. P.

Nenoff, T. Löwe, E. von Rein

Wurzener Straße 5

01127 Dresden

Tel.: +49 351 210799 211

Fax: +49 351 210799 485

Mail: th.zimmermann@labopart.de

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Cerebrospinal Fluid Analysis 05 - Neuroborreliosis

Analyte	Sam- ple	Unit	Your value	Target value	TV- Type	Lower limit	Upper limit	Deviation	Z-Score	Meets criteria	
Borrelia specific quotient (1)	35	E-3	1.72								Sample not evaluated
Borrelia IgG Antibody Index	35		0.7	0.9	ET	0.6	1.2	-23.3%	-1	+	

Analyte	Sam- ple	Your unit	Stated value	Conversion factor	Method	Manu- facturer	Device	Q lim (IgG) (E-3)
Borrelia specific quotient	35				405	ZY		
Borrelia IgG Antibody Index	35		0.7		405	ZY		3.45

Analyte	Sam- ple	Method	Manu- facturer	Device	Your specification(s)	Correct specification(s)	TV- Type	Meets criteria
Interpretation of the report	35				no evidence of intrathecal Borrelia antibody synthesis	no evidence of intrathecal Borrelia antibody synthesis	M	

(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values.

Individual summary of results

10011570: TestLine Clinical Diagnostics s.r.o.

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Cerebrospinal Fluid Analysis 05 - Neuroborreliosis

Borrelia specific quotient (N = 187)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
DIASORIN	35		Sample not evaluated			51		
EURO IMMUN	35		Sample not evaluated			70		
VIRION / SERION	35		Sample not evaluated			39		
R.VT (1)	35		Sample not evaluated			4		
MIKROGEN	35		Sample not evaluated			16		
other providers (1)	35		Sample not evaluated			7		

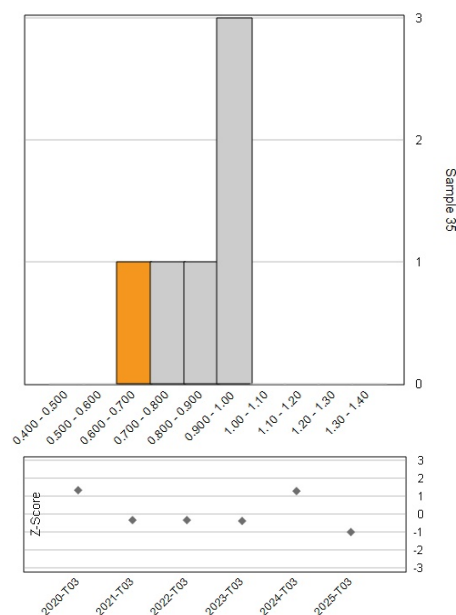
(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values.

Borrelia IgG Antibody Index (N = 204)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
DIASORIN	35	0.9	0.6 - 1.2	0.5	20	57	17.5	17.5
EURO IMMUN	35	0.9	0.6 - 1.2	0.8	12.5	77	97.4	97.4
VIRION / SERION	35	0.9	0.6 - 1.2	0.8	12.5	44	86.4	86.4
VIRIOTECH DIAGNOSTICS GmbH	35	0.9	0.6 - 1.2	0.8	0	4	100	100
MIKROGEN	35	0.9	0.6 - 1.2	1	20	15	93.3	93.3
other providers	35	0.9	0.6 - 1.2	0.9	22.2	7	85.7	85.7

Rate of success: 72,1%

Graphical representation
not useful



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Cerebrospinal Fluid Analysis 05 - Neuroborreliosis

Interpretation of the report (N = 211, Rate of success: 90,5%)

Sample 35

Collective	no evidence of intrathecal Borrelia antibody synthesis	intrathecal antibody synthesis for Borrelia IgG	implausible AI result for Borrelia IgG	total
all providers	191 ●	5	15	211

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective