



Tick-Borne Diseases

Borrelia | TBEV | Anaplasma

**Multiple technologies.
One specialized portfolio.**

Flexible BioVendor solutions for routine and specialized tick-borne disease testing.

One tick exposure. Three diagnostic questions.

A tick bite may expose patients to different bacterial or viral infections. The appropriate laboratory approach depends on the suspected pathogen, clinical presentation, disease stage, sample type, and timing of testing.

Lyme Borreliosis

A multisystem bacterial infection caused by *Borrelia burgdorferi sensu lato* that may affect the skin, nervous system or joints. Serology becomes valuable as the antibody response develops, particularly in disseminated and later disease.

Tick-Borne Encephalitis

A seasonal viral infection caused by tick-borne encephalitis virus that may progress from non-specific symptoms to neurological disease. Serological interpretation should consider disease stage, vaccination and flavivirus cross-reactivity.

Anaplasmosis

A bacterial infection caused by *Anaplasma phagocytophilum* that often presents with non-specific systemic symptoms. PCR is valuable early, while serology can support later, retrospective and complex-case investigation.

BioVendor – trusted leader in Tick-Borne Disease diagnostics

For more than 30 years, BioVendor has supported laboratories with specialized solutions for routine and complex tick-borne disease testing.



30+ Years of expertise

Long-standing experience in developing and manufacturing solutions for tick-borne diagnostics.



Multiple technologies

CLIA, EIA, SmartEIA, MBA, BLOT-LINE, and BlueBLOT-LINE for different workflows and levels of clinical information.

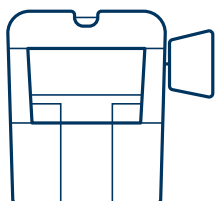


Specialist testing

Solutions from routine serology to antigen-specific profiles, specialist samples and Antibody Index.

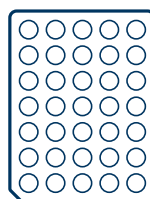
Choose the technology that fits your laboratory

Each laboratory has different requirements for automation, information depth, and specialist testing. BioVendor technologies can be used individually or combined according to laboratory needs.



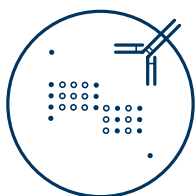
CLIA on KleeYa®

Fast and easy automated random-access testing for Borrelia & TBEV, possible also for CSF samples, with dedicated Antibody Index Software for a neuroborreliosis workflow.



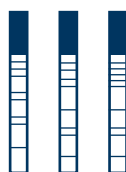
EIA / SmartEIA

Standard testing for Borrelia & TBEV, including TBEV IgG avidity, possible also for CSF samples, with dedicated Antibody Index Software for a neuroborreliosis workflow.



Microblot-Array (MBA)

Advanced quantitative Borrelia & Anaplasma confirmation on open ELISA analysers, supporting CSF and SF testing with Treponema / EBV markers for cross-reactivity assessment



BLOT-LINE / BlueBLOT-LINE

Antigen-specific confirmation with a familiar strip workflow for Borrelia & Anaplasma.

Product Overview

CLIA

Product	Cat. no.	Tests
CLIA Borrelia recombinant IgG	CL-BRG100	100
CLIA Borrelia recombinant IgM	CL-BRM100	100
CLIA Borrelia CSF IgG	CL-BCSFG50	50
CLIA Borrelia CSF IgM	CL-BCSFM50	50
CLIA TBE Virus IgG	CL-TBG100	100
CLIA TBE Virus IgM	CL-TBM050	50

EIA / SmartEIA

Product	Cat. no.	Tests	SmartEIA version
EIA Borrelia recombinant IgG	BrG192	192	SK-BrG096
EIA Borrelia recombinant IgM	BrM192	192	SK-BrM096
EIA TBE Virus IgG	TBG096	96	SK-TBG096
EIA TBE Virus IgM	TBM096	96	SK-TBM096

Microblot-Array

Product	Cat. no.	Tests
Microblot-Array Borrelia IgG	BGMA096	96
Microblot-Array Borrelia IgM	BMMA096	96

BLOT-LINE and BlueBLOT-LINE

Product	Cat. no.	Tests
BLOT-LINE Anaplasma IgG	ApGL10	10
BLOT-LINE Anaplasma IgM	ApML10	10
BLOT-LINE Borrelia/HGA IgG	BGL020	20
BLOT-LINE Borrelia/HGA IgM	BML020	20
BlueBLOT-LINE Borrelia IgG	BD-BGL024	24
BlueBLOT-LINE Borrelia IgM	BD-BML024	24

Instruments and software

Product	Cat. no.	Description
KleeYa®	10108093	Fully automated random-access platform for CLIA assays; up to 120 tests/hour.
Gemini	9162800000	Open ELISA analyser; supports EIA and MBA workflows.
Agility	67000	Dedicated high-capacity platform for SmartEIA and selected MBA workflows.
RoboBlot	RBT-001	BLOT-LINE analyser; up to 50 samples per run.
Microblot-Array Reader	ARCXIX096	Scans and evaluates a full plate in about five minutes.
Antibody Index Software	SwAI01	Supports Antibody Index calculations for CLIA and EIA.
Immunoblot Software	SwIm03	Evaluation and documentation of BLOT-LINE and BlueBLOT-LINE results.

For more information, please contact us at logistics@testlinecd.com

PRODUCER
TestLine Clinical Diagnostics s.r.o.
Křižíkova 188/68
612 00 Brno
Czech Republic
www.testlinecd.com

BioVendor – Laboratorní medicína s.r.o.
Karásek 1767/1
621 00 Brno
Czech Republic
www.clia.biovendor.group



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