

Whole-Cell EIA kits for the diagnosis of Lyme Borreliosis

Cat. No.	Product	No. of Tests
BaGVD2	EIA <i>Borrelia afzelii</i> VlsE IgG (192)	192
BaM192	EIA <i>Borrelia afzelii</i> IgM (192)	192
BsGV96	EIA <i>Borrelia b. sensu stricto</i> VlsE IgG	96
BsM096	EIA <i>Borrelia b. sensu stricto</i> IgM	96
BgGVD2	EIA <i>Borrelia garinii</i> VlsE IgG (192)	192
BgM192	EIA <i>Borrelia garinii</i> IgM (192)	192
BGV096	EIA <i>Borrelia</i> VlsE IgG	96
BM0096	EIA <i>Borrelia</i> IgM	96
SK-BGV096	SmartEIA <i>Borrelia</i> VlsE IgG	96
SK-BM0096	SmartEIA <i>Borrelia</i> IgM	96
SK-BaGV96	SmartEIA <i>Borrelia afzelii</i> VlsE IgG	96
SK-BaM192	SmartEIA <i>Borrelia afzelii</i> IgM	96
SK-BsGV96	SmartEIA <i>Borrelia b. sensu stricto</i> VlsE IgG	96
SK-BsM096	SmartEIA <i>Borrelia b. sensu stricto</i> IgM	96
SK-BgGV96	SmartEIA <i>Borrelia garinii</i> VlsE IgG	96
SK-BgM096	SmartEIA <i>Borrelia garinii</i> IgM	96

SmartEIA kits are designed for automated processing using the Agility® analyser

APPLICATIONS

- ▶ Screening for antibodies against *Borrelia burgdorferi* in human serum, plasma and cerebrospinal or synovial fluid
- ▶ Checking therapy results using semiquantitative determination
- ▶ Detection of intrathecal production of antibodies in EIA *Borrelia garinii* VlsE IgG and EIA *Borrelia garinii* IgM

ADVANTAGES

- ▶ Identical assay procedure
- ▶ High diagnostic specificity and sensitivity
- ▶ High reproducibility
- ▶ High dynamics of antibody response
- ▶ Ready for automation
- ▶ Long shelf life: 15 months from the production date
- ▶ Short total assay time
- ▶ Customer support

ANTIGENS

EIA *Borrelia afzelii* VlsE IgG, EIA *Borrelia afzelii* IgM

Sonicated whole-cell antigen of the *Borrelia afzelii* strain, rich in p83, p41 (flagelin), p39, OspA, OspC, p19, enriched in VlsE antigen in IgG antibody class.

EIA *Borrelia garinii* VlsE IgG, EIA *Borrelia garinii* IgM

Sonicated whole-cell antigen of *Borrelia garinii*, rich in p83, p41 (flagelin), p39, OspA, OspC, p18 and p14, enriched in VlsE antigen in IgG antibody class.

EIA *Borrelia b. sensu stricto* VlsE IgG, EIA *Borrelia b. sensu stricto* IgM

Sonicated whole-cell antigen of *Borrelia burgdorferi sensu stricto* strain, rich in p83, p41 (flagelin), p39, OspA, OspB, OspC, p21 and p18, enriched in VlsE antigen in IgG antibody class.

EIA *Borrelia* VlsE IgG, EIA *Borrelia* IgM

Sonicated whole-cell antigens of all the main pathogenic strains of *Borrelia* (*B. garinii*, *B. afzelii* and *B. burgdorferi sensu stricto*), enriched in VlsE antigen in IgG antibody class.

TEST CHARACTERISTICS

ELISA	Diagnostic Sensitivity	Diagnostic Specificity
EIA <i>Borrelia afzelii</i> VIsE IgG	98.9%	98.9%
EIA <i>Borrelia afzelii</i> IgM	95.6%	99.0%
EIA <i>Borrelia b. sensu stricto</i> VIsE IgG	98.9%	98.9%
EIA <i>Borrelia b. sensu stricto</i> IgM	97.5%	98.9%
EIA <i>Borrelia garinii</i> VIsE IgG	98.9%	99.0%
EIA <i>Borrelia garinii</i> IgM	95.7%	98.9%
EIA <i>Borrelia</i> VIsE IgG	98.9%	99.0%
EIA <i>Borrelia</i> IgM	97.5%	98.9%



Erythema migrans



Borrelial lymphocytoma

SENSITIVITY FOR VARIOUS STAGES OF LYME BORRELIOSIS

Lyme Borreliosis Form	Diagnosis	Sensitivity by MiQ
Localized early	Erythema migrans	20-50%
	Borrelial lymphocytoma	
Disseminated early	Erythema migrans multiple	70-90%
	Neuroborreliosis	
	Lyme arthritis and carditis	
Disseminated late	Acrodermatitis chronica atrophicans	90-100%
	Late neuroborreliosis	

CONTACT

TestLine Clinical Diagnostics Ltd.
 Krizikova 68, 612 00 Brno, Czech Republic
 Tel.: +420 549 121 259 · Fax: +420 541 243 390
 E-mail: sales@testlinecd.com
www.testlinecd.com

