

# LYME DISEASE

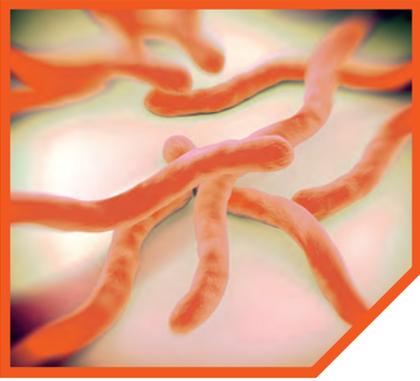
## LIA FOR THE DETERMINATION OF IgG AND IgM ANTIBODIES

- Confirmation of ELISA testing for Lyme disease diagnostics
- Diagnostics of anaplasmosis



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## Line Immuno Assay

- Confirmation of Lyme disease
- Diagnosis of anaplasmosis

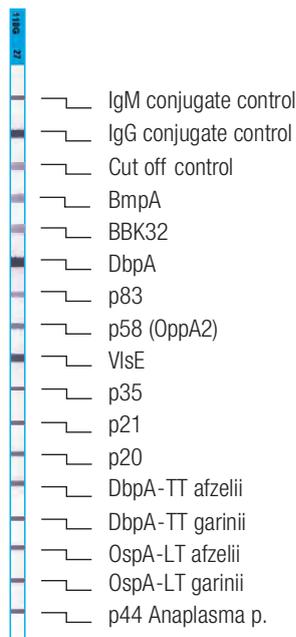
## Differential diagnostics of

- Neuroinfections
- Carditis
- Skin diseases
- Arthritis and arthropathy

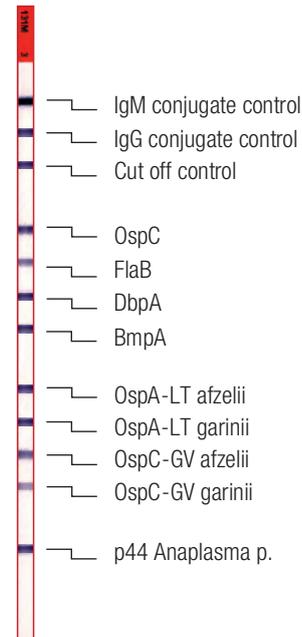
## Antigens

The strips in LIA-VIDITEST anti-Borrelia IgG and IgM kits contain highly specific recombinant antigens which have been developed from strains with appearance in the Czech Republic. The strips contain genus- and species-specific antigens and also antigen for the diagnosis of anaplasmosis. Lines of individual antigens in the test are sharp and easily identifiable.

### ➤ IgG



### ➤ IgM



## Testing

The performance of the test is simple and user friendly. It is possible to process the strips manually and also using automatic analyzer. The kits contain universal diluent enabling simultaneous processing of samples for IgG and IgM determination. These samples can be processed in one run due to uniform incubation times.





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## LIA FOR THE DETERMINATION OF IgG AND IgM ANTIBODIES

- › Samples: serum, plasma, cerebrospinal fluid, synovial fluid
- › Control lines included on the strip
- › Incubation times of 15'/30'/30'/10', washing 3x5'
- › Universal buffer
- › Incubation at room temperature
- › Compatible with Dynablot
- › Performance in small or large trays
- › CE IVD Certifications

### Test performance

Processed strips are glued on the evaluation protocol included with each kit. The protocol includes an overview of the tested antigens and a scoring table for manual evaluation. It is also possible to use the evaluation software VidiaScan. The evaluation is based on the cut-off line; it is not necessary to use an additional positive control.

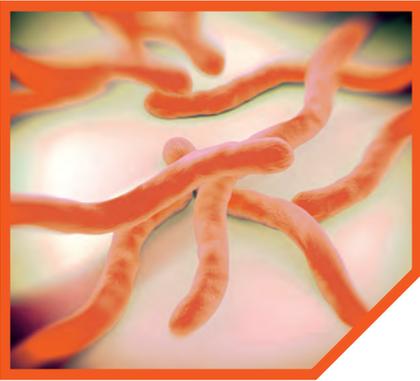
- › Interpretation based on the cut-off line
- › Data interpretation based on points
- › Distinction between species- and genus-specific antigens
- › Includes a clearly arranged protocol and adhesive films
- › Manual and software evaluation



### Software VidiaScan

VidiaScan is designed to process both IgG and IgM strips. Retrieving the type of strips is done automatically when scanning control lines. This prevents possible errors while processing the test. Sophisticated system error reports enable quick and effective solution to load problematic samples. The software includes helpful tools for working with the results and patients database.

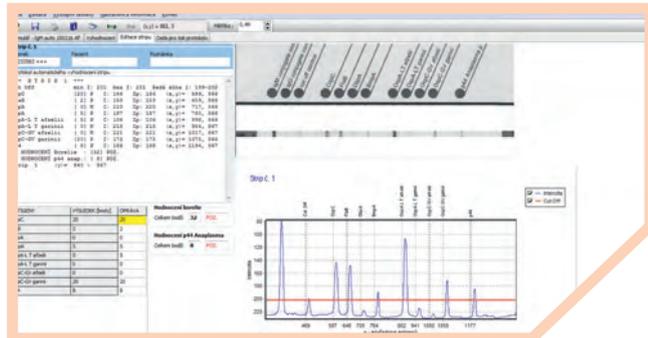
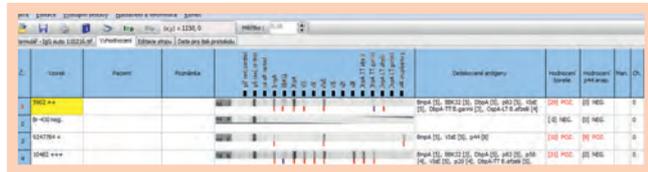




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## LIA FOR THE DETERMINATION OF IgG AND IgM ANTIBODIES

- Simple and intuitive
- Compatible with standard scanner
- Automatic detection of IgG or IgM
- Graph of strip intensities
- Clear identification of positive / equivocal / negative result
- Possible editing of results
- Clearly arranged result report



## Advantages

- Sharp antigen lines
- Simple and intuitive to use
- Processing of IgG and IgM in one run
- Possibility of manual and automated processing



## Ordering information

Catalogue number	Product	Number of Tests	Sensitivity/Specificity
ODZ-316	LIA-VIDITEST anti-Borrelia IgG	16	100% / 98%
ODZ-317	LIA-VIDITEST anti-Borrelia IgM	16	97% / 98%
VM-8	Mini incubation trays	1 pc	
VV-30	Incubation trays 30 channels	1 pc	