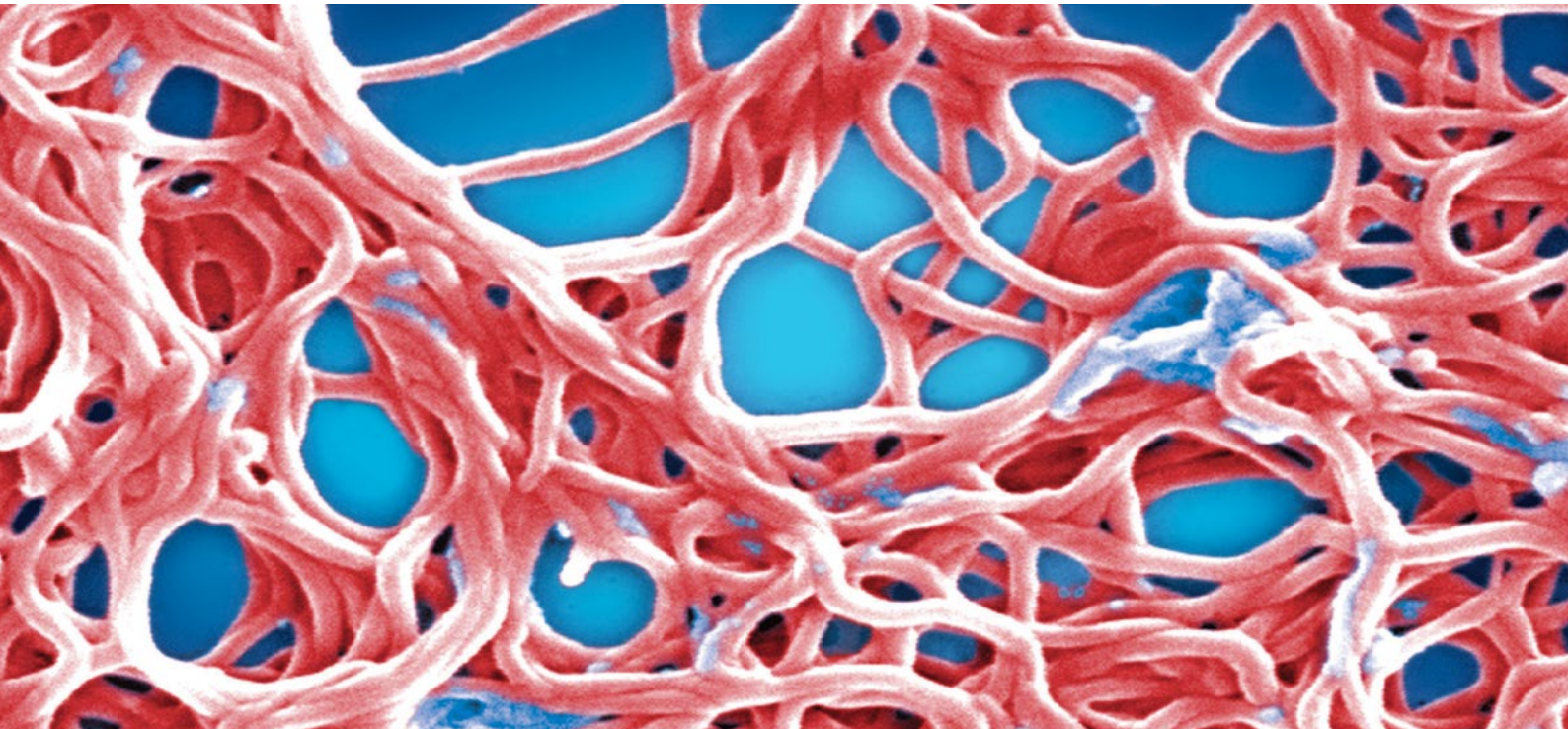


MONO-VIDITEST

Borrelia burgdorferi sensu lato



VIDIA unique immunoenzymatic kits

- Intended for quantitative and semiquantitative detection of specific IgG and IgM antibodies against main pathogenic borrelia strains and determination of intrathecal antibody synthesis

... the way to
the correct
results



IgM
ANTIBODY RESPONSE

a proof of ongoing and recent active infection



IgG
ANTIBODY RESPONSE

a proof of later phase of active and undergone infection

Serological diagnostics

is a basic prerequisite of effective therapy. A proof of Lyme disease, induced by human pathogen strains of borrelia (*B. afzelii*, *B. garinii* and *B. burgdorferi sensu stricto*) is based on the determination of the concentration of specific antibodies using ELISA method. The serological report must be interpreted only in context with the clinical picture of the patient.

Benefits of the kits

- Cassette single-use format
- Quantitative and semiquantitative evaluation
- Human serum, plasma, cerebrospinal fluid and synovial fluid sample
- Recombinant antigens of pathogenic borrelia strains



MONO-VIDITEST

Kits come from our own research, development and production.

We are VIDIA spol s r. o. Czech biotechnological company with a wide range of kits for diagnostic examination. We develop our products with high quality.

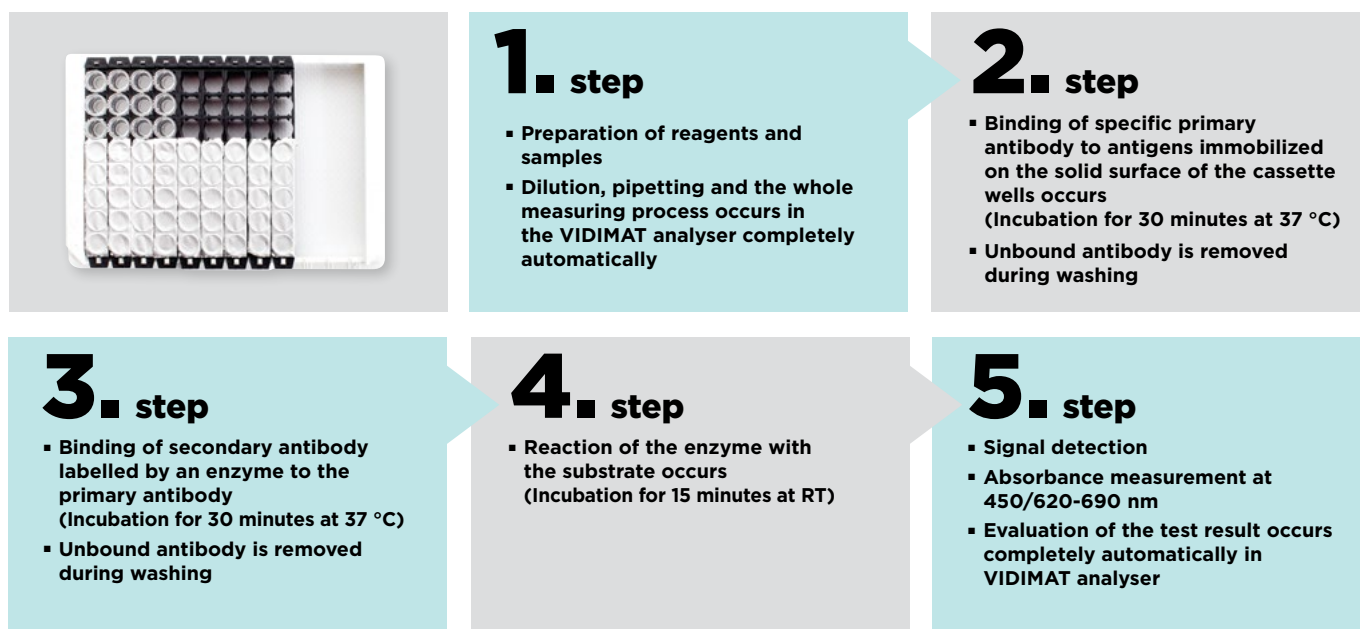
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MONO-VIDITEST kits present an innovative solution of ELISA-VIDITEST assays in cassette format system. They are a unique tool in Lyme disease diagnostics, enabling examination of the patient as individual sample. This benefit leads to a faster result and savings in material and personal costs of the medical facility. Clinical analyses are processed completely automatically in our VIDIMAT analyser. Therefore, this is a simple and complex solution of the automatization in infectious serology. **The basis of the diagnostics of neuroborreliosis is the determination**

of intrathecal synthesis of specific antibodies. As a proof, Reiber's formula describing a relationship between Q albumin and Q of the respective antibody is used. The concentrations of the particular antibodies in the serum and cerebrospinal fluid are determined with the so-called antibody index (AI) which states, whether a specific antibody concentration is the same as the total non-specific ones, or whether it is higher. For completely automatic quantification and calculation of intrathecal synthesis we offer VIDISOFT 2 software or E-Calculator.

Test principle and procedure step by step



Benefits of the measurement

- Quantitative and semiquantitative evaluation of IgG and IgM antibodies in serum, plasma, cerebrospinal fluid and synovial fluid
- Reagents are part of the cassette
- Calculation of intrathecal antibodies synthesis using VIDISOFT2 software or E-calculator
- More comfortable usage for one or more samples at once
- The entire assay and evaluation occur automatically in combination with the VIDIMAT analyser
- Unified incubation times, temperatures, reagents for all MONO-VIDITEST and ELISA-VIDITEST



Our kits



REF	Products
KZ-300-12	MONO-VIDITEST anti-Borrelia recombinant IgG +VIsE
KZ-301-12	MONO-VIDITEST anti-Borrelia recombinant IgM



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