

## Dog EIA Borrelia IgG/IgM

**EAN Code:** 8595635302558

**Catalog number:** DBGM96

**Package size:** 96 tests

**Storage:** 2-8 °C

**Producer:** TestLine Clinical Diagnostics s.r.o.



### Description:

- Microtitre wells are coated with the *B. burgdorferi* (*afzelii*) antigen rich in p83, p41(flagelin), p39, OspA, OspC, p18 a p14.
- The kit enables 48 tests for the parallel determination of IgG and IgM antibodies, including controls.
- The kit may be used sequentially for individual samples.
- High sensitivity and specificity.
- Total assay time: approximately 1.5 h.
- Colour reagents for easy pipetting.
- Semiquantitative evaluation using the index of positivity (IP).
- The kit includes two types of conjugate: IgG and IgM.
- The other reagents may be used for the detection of both the IgG and IgM antibodies.
- The kit is manufactured in accordance with Good Manufacturing Practice (GMP).
- Shelf life: 24 months.

### Application:

- Screening test for the detection of acute or chronic infection with *B. burgdorferi* in dogs.
- Checking of therapy results using semiquantitative determination.
- Differential diagnosis of non-specific signs and symptoms in dogs, e.g. fever, anorexia, claudication, fatigue, aches, apathy, arthritis, erythema or purulent skin affection, swelling of joints, arthrosis, lymphocytosis, lymphadenopathy, glomerulonephritis, heart block and aggressiveness.

### Brief assay procedure:

1. Dilute serum samples (1:401).
2. Pipette diluted samples and controls.
3. Incubate for 30 min at 37 °C.
4. Aspirate and wash the wells 5 times.
5. Add Conjugates.
6. Incubate for 30 min at 37 °C.
7. Aspirate and wash the wells 5 times.
8. Add substrate (TMB-Complete).
9. Incubate for 10 min at room temperature.
10. Add Stopping solution (H<sub>2</sub>SO<sub>4</sub>).
11. Read photometrically at 450 nm.
12. Evaluate results.