EIA TBE Virus IgG



EAN Code: 8595635303005
Catalog number: TBG096
Package size: 96 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- Microtitre wells are coated with the TBEV antigen.
- If specific antibodies are present, they bind to the antigen, are labeled by the Conjugate in the following steps and are detected by color reaction with a single component substrate (TMB-Complete).
- The kit allows 96 tests, including controls in a split microtiter plate with color-coded strips and breakable wells.

Advantages:

- The total assay time is about 1 hour 30 minutes.
- High sensitivity and specificity of the test.
- Kit includes CUT-OFF, Positive Control, Negative Control and Calibrators (4, 20, 80, 200 U/ml).
- Semi-quantitative evaluation in the Index of Positivity (IP) or quantitative evaluation in U/ml, possible conversion to VIEU/ml.
- Ready-to-use, color-coded components.
- Single-component substrate.

- Interchangeable components with the exception of kit specific components (Controls, Conjugate, Plate).
- The kit contains the Avidity solution, which enables quantitative determination of bond strength of an antibody antigen complex. Based on this fact, it is possible to distinguish between acute and chronic phase of the disease.

Application:

- Laboratory test for the detection of Tick-Borne Encephalitis.
- Evaluation of vaccination effectiveness against Tick-Borne Encephalitis.
- Checking of therapy results using the semiquantitative and quantitative detection.

Brief assay procedure:

1. Dilute samples (1:101).
2. Pipette Controls and diluted Samples.
3. Incubate at 37°C for 30 min.
4. Aspirate and wash the wells 5×
5. Pipette Conjugate.
6. Incubate at 37°C for 30 min.
7. Aspirate and wash the wells 5×
8. Pipette Substrate (TMB-Complete).
9. Incubate at 37°C for 15 min.
10. Pipette Stop Solution.
11. Read color intensity at 450 nm.
12. Evaluate the test.