EIA TBE Virus IgM



EAN Code: 8595635303012
Catalog number: TBM096
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.

- Sample diluent contains IgG/RF sorbent.
- Interchangeable components with the exception of kit specific components (Controls, Conjugate, Plate).

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.