# EIA Bordetella pertussis Toxin IgM



**EAN Code:** 8595635304217
**Catalog number:** BpMT96
**Package size:** 96 tests
**Storage:** 2-8 °C
**Producer:** TestLine Clinical Diagnostics s.r.o.

**Description:**

- Microtitre wells are coated with highly purified toxin of Bordetella pertussis.
- 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 2 hours.
- High sensitivity and specificity of the test.
- Kit includes CUT-OFF, Positive Control and Negative Control.
- Semi-quantitative evaluation in the Index of Positivity (IP).
- Ready-to-use, color-coded components.
- Single-component substrate.
- Interchangeable components with the exception of kit specific components (Controls, Conjugate, Plate).

**Application:**

- Serological determination of antibodies to pertussis toxin.
- Diagnostics of post-infection and post-vaccination antibody response.
- Disease phase diagnostics based on significant rise or decrease of the antibodies.

**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 30 min.
10. Pipette Stop Solution.
11. Read color intensity at 450 nm.
12. Evaluate the test.