

# SmartEIA Toxoplasma IgM



**EAN Code:** 8595635305825 **Catalog number:** SK-TgM096

Package size: 96 tests

Storage: 2-8 °C

Producer: TestLine Clinical Diagnostics s.r.o.

#### **Description:**

- Microtitre wells are coated with the antibody to human IgM.
- All the IgM antibodies in the sample, including specific anti-T.gondii antibodies (if present), bind to the anti-human IgM antibody in quantities proportionate to their presence. The specific antibodies bound to the solid phase are subsequently labelled with the Tracer (T. gondii antigen + anti-T.gondii monoclonal antibody to the surface protein p-30 of T. gondii conjugated with horseradish peroxidase) and detected through a colour reaction with 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 30 minutes.
- High sensitivity and specificity of the test.
- Kit includes CUT-OFF, Positive Control and Negative Control, Calibrators.
- 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,

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Plate).

### **Application:**

- Screening test for the detection of acute infection with Toxoplasma gondii in humans.
- Checking of therapy results using the semiquantitative determination.

## **Brief assay procedure:**

- 1. Dilute samples (1:101).
- 2. Pipette Controls and diluted Samples.
- 3. Incubate at 37°C for 60 min.
- 4. Aspirate and wash the wells 5×
- 5. Pipette Conjugate.
- 6. Incubate at 37°C for 60 min.
- 7. Aspirate and wash the wells 5×
- 8. Pipette Substrate (TMB-Complete).
- 9. Incubate at 37°C for 20 min.
- 10. Pipette Stop Solution.
- 11. Read color intensity at 450 nm.
- 12. Evaluate the test.

SmartEIA kits are specifically designed for automated processing on the Agility® instrument, Dynex Technologies, Inc.

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