

# EIA Toxoplasma IgA



EAN Code: 8595635303043 Catalog number: TgA096 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 IgA.
- All the IgA antibodies in the sample, including specific anti-T.gondii antibodies (if present), bind to the anti-human IgA 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.

Exportováno 29. 3. 2025 Stránka 1 / 2



• Interchangeable components with the exception of kit specific components (Controls, Conjugate, 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.

Exportováno 29. 3. 2025 Stránka 2 / 2