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,

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.