EIA Toxocara IgG

EAN Code: 8595635303036
Catalog number: TcG096
Package size: 96 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- Microtitre wells are coated with the excretory-secretory ('ES') antigen isolated from the cultured larvae of Toxocara canis.
- 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 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).
- Each batch is tested in the National Reference Laboratory.
- The kit contains the Avidity solution, which enables quantitative determination of bond strength of an antibody antigen complex. Based on this fact, it is possible to distinguish between acute and chronic phase of the disease.

Application:

- Laboratory test for the detection of toxocariasis (larva migrans).
- Post-therapy antibody level monitoring.
- Differential diagnosis of acute and chronic phase of the disease.

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.