BLOT Toxocara IgG

EAN Code: 8595635300684
Catalog number: TcGB16
Package size: 16 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- The antigens of Toxocara sp. are separated by gel electrophoresis, and then transferred to the nitrocellulose membrane (i.e. to the respective WB strips).
- If specific antibodies are present in the sample, they will bind to the respective antigens (Mr = 120 kDa, 32 kDa and 26 kDa).
- The complex is labelled with Conjugate and detected through a colour reaction with substrate (BCIP/NBT).
- The kit enables 16 tests.
- High sensitivity and specificity.
- Total assay time: approximately 3 h.
- For test validity verification, the strips are equipped with a control band (which indicates the kit functionality and sensitivity).
- Positive and Negative controls included enabling validation of the tests.
- Identical (i.e. interchangeable) reagents (except for Conjugate) in all BLOT kits.
- All reagents supplied are ready to use.
- The kit may be used sequentially for smaller batches of samples, reagents are provided in sufficient quantities.
- Evaluation of results – the intensity of the bands can be evaluated visually or by means of software (Immunoblot Software).

Applications:

- Laboratory test for the detection of toxocara infection.

Brief assay procedure:

1. Dilute controls and tested samples (1:188,5).
2. Pipette diluted controls and samples into the channels of the tray and insert the WB strips.
3. Incubate for 60 minutes at room temperature using a shaking apparatus.
4. Wash 3 times for 5 minutes.
5. Add Conjugate.
6. Incubate for 60 minutes at room temperature using a shaking apparatus.
7. Wash 3 times for 5 minutes.
8. Add substrate (BCIP/NBT).
9. Incubate for 10 minutes at room temperature using a shaking apparatus.
10. Wash 2 times for 5 minutes in distilled water.
11. Dry the strips and evaluate results using the validation strip enclosed.