BLOT-LINE Yersinia IgG



EAN Code: 8595635307249
Catalog number: YGL020
Package size: 20 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- Antigen used: combination of selected parts of the specific antigens of Yersinia spp. (YopB, YopD, YopE, YopH, YopM,YopN, LcrV, Ail, Invasin) and species-specific antigens of Y.enterocolitica (YstB, YscM-Y.Ent) and Y.pseudotuberculosis (YscM – Y.Pst).
- Recombinant antigens are transferred to the nitrocellulose membrane (i.e. to the respective

  BLOT-LINE (BL) strips).

- If specific antibodies are present in the sample, they will bind to the respective antigens.
- The complex is labelled with Conjugate and detected through a colour reaction with substrate (BCIP/NBT).
- The kit enables 20 tests.
- Short incubation periods, total assay time: approximately 1.5 h.
- High sensitivity and specificity.
- All reagents supplied are ready to use.
- The kit may be used sequentially for smaller batches of samples (reagents are provided in sufficient quantities).
- Positive and Negative controls included enabling validation of the tests.
- BL strips equipped with conjugate control band and a control band indicating kits functionality and sensitivity.
- Colour identification in compliance with antibody classes.
- Identical (i.e. interchangeable) reagents (except for Conjugate) in all BLOT-LINE kits.

- Evaluation of results – the intensity of the bands can be evaluated visually or by means of software (Immunoblot Software).

Applications:

- Diagnostics of Yersinia.
- Confirmatory test to ELISA.

Brief assay procedure:

1. Dilute serum/plasma samples (1:51).
2. Pipette diluted samples and controls into the channels of the tray and insert the BL strips.
3. Incubate for 30 min at room temperature using a shaking apparatus.
4. Wash 3 times for 5 min.
5. Add Conjugate.
6. Incubate for 30 min at room temperature using a shaking apparatus.
7. Wash 3 times for 5 min.
8. Add substrate (BCIP/NBT).
9. Incubate for 15 min at room temperature using a shaking apparatus.
10. Wash 2 times for 5 min in distilled water.
11. Dry the strips and evaluate results using the validation strip enclosed or using Immunoblot Software.