EIA Treponema pallidum TOTAL

EAN Code: 8595635303104
Catalog number: Tp0096
Package size: 96 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- Microtitre wells are coated with the specific antigens of strain Treponema pallidum, mainly p17, p47, p41, p15.
- 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 hours 15 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:

- Qualitative test for detection of antibodies against Treponema pallidum.

Brief assay procedure:

1. Samples are used in undiluted form.
2. Pipette controls and undiluted samples.
3. Add Conjugate.
4. Incubate for 30 min at 37 °C.
5. Aspirate and wash the wells 5 times.
6. Add substrate (TMB-Complete).
7. Incubate for 30 min at 37 °C.
8. Add Stopping solution (H2SO4).
9. Read photometrically at 450 nm.
10. Evaluate results.