SmartEIA ASCA IgG



EAN Code: 8595635306587
Catalog number: SK-ScG096
Package size: 96 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- Microtitre wells are coated with high purified antigen mannan isolated from Saccharomyces cerevisiae.
- 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 2 hours.
- High sensitivity and specificity of the test.
- Kit includes CUT-OFF, Positive Control, Negative Control and Calibrators (5, 20, 80, 320 AU/ml).
- Semi-quantitative evaluation in the Index of Positivity (IP) or quantitative evaluation in AU/ml.
- Ready-to-use, color-coded components.
- Single-component substrate.
- Interchangeable components with the exception of kit specific components (Controls, Conjugate, Plate).

Application:

- Laboratory test for differential diagnostics of inflammatory bowel disease.

Brief assay procedure:

1. Dilute samples (1:51).
2. Incubation at 37 °C for 30 min.
3. Pipette Controls and diluted Samples.
4. Incubate at 37°C for 15 min.
5. Aspirate and wash the wells 5×
6. Pipette Conjugate.
7. Incubate at 37°C for 15 min.
8. Aspirate and wash the wells 5×
9. Pipette Substrate (TMB-Complete).
10. Incubate at 37°C for 30 min.
11. Pipette Stop Solution.
12. Read color intensity at 450 nm.
13. Evaluate the test.

SmartEIA kits are specifically designed for automated processing on the Agility® instrument, Dynex Technologies, Inc.