EIA COVID-19 RBD IgG



EAN Code: 8595635309328
Catalog number: CoRG96
Package size: 96 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- Recombinant antigen Receptor-binding domain (RBD), a subunit of the Spike S1 protein, is bound to the well surface of the microtiter plate.
- 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, 640, 1000 BAU/ml).
- Semi-quantitative evaluation in the Index of Positivity (IP) or quantitative evaluation in BAU/ml.
- Ready-to-use, color-coded components.
- Single-component substrate.

- Interchangeable components with the exception of kit specific components (Controls, Conjugate, Plate).

Application:

- Identification of patients with asymptomatic infection in the past.
- Detection of naturally acquired and vaccination antibodies.
- Prevalence studies.
- Indication of neutralizing immunity.

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.