# EIA Coxsackie IgG



**EAN Code:** 8595635312076
**Catalog number:** CoXG96
**Package size:** 96
**Storage:** 2-8 °C
**Producer:** TestLine Clinical Diagnostics s.r.o.

**Description:**

- Microtitre wells are coated with recombinant Coxsackievirus B1-B5 antigen.
- 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:**

- Kit includes CUT-OFF, Positive Control, Negative Control and Calibrators (5, 20, 80, 320 U/ml).
- Single-component substrate.
- Ready-to-use, color-coded components.
- Interchangeable components with the exception of kit specific components (Controls, Conjugate, Plate).
- The total assay time is about 1,5 hours.
- Semi-quantitative evaluation in the Index of Positivity (IP) or quantitative evaluation in U/ml.
- High sensitivity and specificity of the test.

**Application:**

- Screening test for the detection of specific IgG antibodies in human serum or plasma.
- Differential detection of Enteroviruses in the sample.

**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 15 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.