

# EIA CCP IgG



EAN Code: 8595635302671 Catalog number: CCPG96 Package size: 96 tests Storage: 2-8 °C Producer: TestLine Clinical Diagnostics s.r.o.

# Description:

- Microtitre wells are coated with the citrulinated synthetic peptides of 2. generation as an 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:

- 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 (10, 20, 130, 800 IU/ml)
- Semi-quantitative evaluation in the Index of Positivity (IP) or quantitative evaluation in IU/ml.
- Ready-to-use, color-coded components
- Single-component substrate
- Interchangeable components with the exception of kit specific components (Controls, Conjugate,



### Plate)

## **Application:**

- Detection of high specific anti-CCP2 antibodies allows early diagnosis of Rheumatoid arthritis (RA).
- Checking of therapy results and determination of disease prognosis using the quantitative determination.

#### 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  $5 \times$
- 8. Pipette Substrate (TMB-Complete)
- 9. Incubate at 37°C for 30 min.
- 10. Pipette Stop Solution
- 11. Read color intensity at 450 nm
- 12. Evaluate the test