

# **SmartEIA CMV IgM**



EAN Code: 8595635306273 Catalog number: SK-CMM096

Package size: 96 tests

Storage: 2-8 °C

Producer: TestLine Clinical Diagnostics s.r.o.

## **Description:**

- Microtitre wells are coated with the purified and inactivated antigen isolated from AD169 strain of Cytomegalovirus.
- 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 and Negative Control, Calibrators
- Semi-quantitative evaluation in the Index of Positivity (IP)
- Sample diluent contains IgG/RF sorbent.
- Ready-to-use, color-coded components
- Single-component substrate

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- Interchangeable components with the exception of kit specific components (Controls, Conjugate, Plate)
- Sample diluent contains IgG/RF sorbent.

### **Application:**

- Screening test for the detection of specific IgM antibodies in human serum or plasma.
- Checking of therapy results using the semiquantitative detection.
- Disease phase diagnostics.

#### 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 5x.
- 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.

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

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