Measles is a highly contagious, acute, exanthematous disease. It is generally self-limiting and without serious consequences, although complications such as bronchopneumonia and otitis media do occur.

The most serious consequence of measles is encephalomyelitis, which is fortunately rare (about 1 in 10,000 cases). Natural infection with measles virus confers permanent immunity.

The Bio-Rad Measles IgG test is an enzyme immunoassay test in a microwell format. Test results are obtained after a 90-minute incubation. The results are objective and normalized as index values, permitting uniformity of results.

The Bio-Rad Measles IgG test is intended for the qualitative and semi-quantitative detection of human IgG antibodies to measles virus in human serum by EIA. Individual serum specimens may be used for the determination of immune status. Paired (acute/convalescent) sera may be used to demonstrate seroconversion or significant rises in antibody level, as an aid in the diagnosis of primary infection.
Measles IgG EIA Testing

Measles IgG Indirect
EIA Procedure

1. Microplate: breakable wells dry coated with Ag

2. Pipette 100 µL of diluted test samples, calibrators or samples into the wells (1:51 for IgG)
   - Incubate 30 minutes at room temperature
   - 4 washes

3. Dispense 100 µL of ready-to-use conjugate
   - Incubate 30 minutes at room temperature
   - 4 washes

4. Dispense 100 µL of ready-to-use chromogen/substrate
   - Incubate 30 minutes at room temperature
   - Add 100 µL of ready-to-use Stop Reagent

Read: At 405 nm. Interpret results according to package insert instructions.

Ordering Information

Catalog No. Description
25181 Measles IgG EIA Kit ........................................... 96 tests