

SD BIOLINE Dengue IgG/IgM

One Step Dengue IgG/IgM Antibody Test



Dengue is a mosquito-borne viral disease that has rapidly spread in all regions of WHO in recent years. Dengue virus is transmitted by female mosquitoes mainly of the species *Aedes aegypti* and, to a lesser extent, *Ae. albopictus*. Today, severe dengue affects most Asian and Latin American countries and has become a leading cause of hospitalization and death among children and adults in these regions. The incidence of dengue has grown dramatically around the world in recent decades; 390 million dengue infections per year of which 96 million manifest clinically.

General Information

SD BIOLINE Dengue IgG/IgM test is a solid phase *in vitro* immunochromatographic test for the qualitative and differential detection of IgG and IgM antibodies to dengue virus.

- Differential detection of IgG and IgM antibodies
- Dengue IgG/IgM WB : Whole blood / Serum / Plasma (10 µl)
- Dengue IgG/IgM : Serum / Plasma (5 µl)
- Test result : 15-20 minutes
- Detection of Dengue IgG/IgM Ab against all serotype; DEN-1,2,3 and 4.
- Presumptive differentiation between primary & secondary dengue infections
- Shelf life and storage temperature: 24 months at 1-30 °C
- Performance:
 - SD BIOLINE Dengue IgG/IgM WB :Sensitivity 94.2 %, Specificity 96.4 % (vs. ELISA test)
 - SD BIOLINE Dengue IgG/IgM (S/P) :Sensitivity 94.6 %, Specificity 96.5 % (vs. ELISA test)

Materials Provided

- SD BIOLINE Dengue IgG/IgM : Test device, Assay diluent, Capillary pipette (5 µl)
- SD BIOLINE Dengue IgG/IgM WB : Test device, Assay diluent, Capillary pipette (10 µl)

Test Procedure

1 Add Specimen

Add sample into the sample well "S".

Dengue IgG/IgM (5 µl) Dengue IgG/IgM WB (10 µl)

2 Add Assay Diluent

Dispense 4 drops of assay diluent into the round well.

Wait 15-20 mins.

15-20

mins.

3 Read Results

Negative: C M G

IgG Positive (Secondary or past dengue Infection): C M G

IgM Positive (Primary dengue Infection): C M G

IgG and IgM Positive (Late primary or early secondary dengue Infection): C M G

Invalid: C M G C M G

Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
Dengue IgG/IgM	11FK10	Device	Serum/Plasma	25T/Kit
Dengue IgG/IgM WB	11FK20	Device	Serum/Plasma/Whole Blood	25T/Kit

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