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SD BIOLINE JEV IgM

One Step IgM antibodies to JE virus Test

Japanese encephalitis is a disease caused by the mosquito-borne Japanese encephalitis virus. The Japanese encephalitis virus is a virus from the family Flaviviridae. Domestic pigs and wild birds are reservoirs of the virus; transmission to humans may cause severe symptoms. One of the most important vectors of this disease is the mosquito *Culex tritaeniorhynchus*. This disease is the leading cause of viral encephalitis in Asia, with 30,000–50,000 cases reported annually. Case-fatality rates range from 0.3 % to 60 % and depends on the population and on age.



General Information

SD BIOLINE JEV IgM test is a solid phase immunochromatographic assay for the rapid, qualitative detection of IgM antibody to JE virus in human serum or plasma.

- The world's first immunochromatographic rapid test for JE virus
- No need of preprocessing and equipment
- Specimen : Serum, plasma(5 µl)
- Test result : 15~20 minutes
- Shelf life and storage temperature: 24 months at 1-30 °C
- Performance: Sensitivity - 91.4 %, Specificity - 94.0 % (vs. ELISA)

Materials Provided

- Test device
- Assay diluent
- Capillary pipette(5 µl)

Test Procedure

1 Add Specimen

Dispense 5 µl of serum or plasma into the sample well.

Capillary pipette

Micropipette

2 Add Assay Diluent

Dispense 3-4 drops of the assay diluent.

Assay Diluent

Wait 15-20 mins.

15-20 mins.

3 Read Results

Negative

Positive

Invalid

Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
JEV IgM	48FK10	Device	Serum/Plasma	25T/Kit