



One step Rapid Immuno-chromatographic test for the simultaneous detection of NS1 antigen and IgG/IgM antibodies against Dengue virus in human serum, plasma or whole blood.

Dengue is spread by several species of mosquito of the Aedes type, principally A. aegypti. The virus has five different types; infection with one type usually gives lifelong immunity to that type, but only short-term immunity to the others. Subsequent infection with a different type increases the risk of severe complications. Dengue is considered to be the most important arthropod-borne viral disease due to the human morbidity and mortality it causes. Traditionally, the serological diagnosis of an acute dengue virus infection has relied on showing a 4-fold or greater rise in anti-dengue virus antibody between paired acute and convalescent phase sera from a patient. A number of tests are available to confirm the diagnosis including detecting antibodies to the virus or its RNA.

Ubio Sensit Dengue IgG/IgM-NS1 Rapid test is a lateral flow assay designed so that even a technician with minimal expertise can perform the test easily. It is used for the qualitative and differential detection of antigen and antibodies specific to Dengue in human serum, plasma or whole blood.



Blood Collection test device

Serum Separation

Add sample to

Assay Overview and Usage

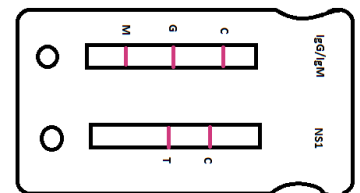
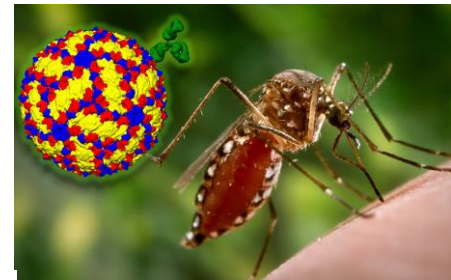
Organism detected	NS1 antigen and IgG/IgM antibodies against Dengue Virus
Sample type	Wholeblood, Serum or plasma
Shelf Life	23 months
Storage	2-30 °C
Sensitivity	IgG- 96% IgM- 90% vs ELISA NS1- 95.7%
Specificity	IgG- 95% IgM- 98% vs Elisa NS1- 97%
Packing	10T, 30T, Bulk, Uncut sheets
Ref. No	S030-01

Why Dengue Rapid Test

- Early identification of infected individuals, to allow intervention strategies in a clinically relevant time frame.
- Its analytical sensitivity is comparable to FDA-approved laboratory methods

Rapid Testing

- Quick results available in just a few minutes.
- Require no instrumentation.
- Easy to use.
- No capital expenditure.
- Do not require refrigerated storage.



Respective bands will be brightening up when the sample is Dengue positive. Detailed Interpretation provided in IFU

Test Interpretation

Manufactured & Marketed By

ubio Biotechnology Systems Pvt. Ltd.

Plot No 15A, Biotechnology Zone
KINFRA Hi-Tech Park, Kalamassery, Cochin,
Kerala, India 683503

- Tel. No: +91-484-2532966
- Tel.No: +91 9744122269
- E mail: contact@ubio.in
- Web: www.ubio.in

Product of India

