

# Xamin Dengue Duo

One Step Dengue NS1(Ag) + IgG/IgM (Ab) Rapid Test Device



**Xamin Dengue Duo** is an immunochromatographic assay for the detection of NS1 antigen and Dengue virus-specific IgG/IgM antibodies in human Serum/Plasma and Whole Blood. By detecting the NS1 antigen, not only the early infection can be detected, but also Dengue virus-specific IgG and IgM can be detected at the same time. Screening test results can be obtained within **5–20 minutes** with high sensitivity and specificity, it is intended as an aid in the earlier diagnosis of Dengue infections.

## Note

- › Confirm results with other available higher techniques before reporting.
- › This test is for in vitro diagnostic use only
- › Detection of antibodies against all four dengue virus serotypes.
- › Detection of antigens against all four dengue virus serotypes.

## Cross Reactivity

- › Since Flaviviral antigen are closely related to each other, cross reactions cannot be excluded.
- › Particularly IgG antibodies against viruses of the Flavivirus genes show significant cross reactivity according to internal studies.
- › IgM antibodies are generally less cross reactive.

## Characteristics

Detection	Sensitivity	Specificity
Dengue NS1 Ag	99.5%	98.0%
Dengue IgG	90.09%	97.04%
Dengue IgM	95.08%	96.01%

## Statistics

### Dengue NS1 Ag

- › **Intended use** : Detection of Dengue NS1 Ag
- › **Storage** : 2–40°C
- › **Specimen type** : Serum/Plasma
- › **Specimen volume** : 40–50 µl (**Serum/Plasma**)
- › **Testing time** : 5–20 mins (**Inaccurate results after 20 minutes**)
- › **Shelf life** : 24 Months

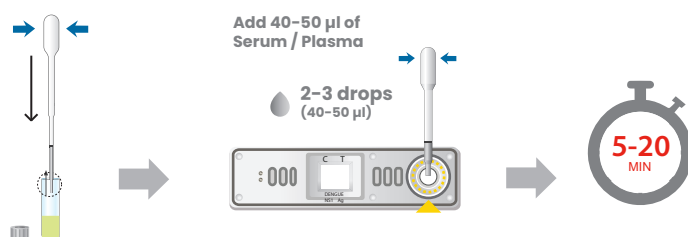
## Dengue IgG/IgM

- › **Intended use** : Detection of specific IgG and IgM to Dengue virus
- › **Storage** : 2–40°C
- › **Specimen type** : Serum/Plasma
- › **Specimen volume** : 5 µl (**Serum/Plasma**) With 2 drops Assay Buffer
- › **Testing time** : 5–20 mins (**Inaccurate results after 20 minutes**)
- › **Shelf life** : 24 Months

## Test Procedure

## Interpretation

### Dengue NS1 40–50 µl of Serum / Plasma



Negative



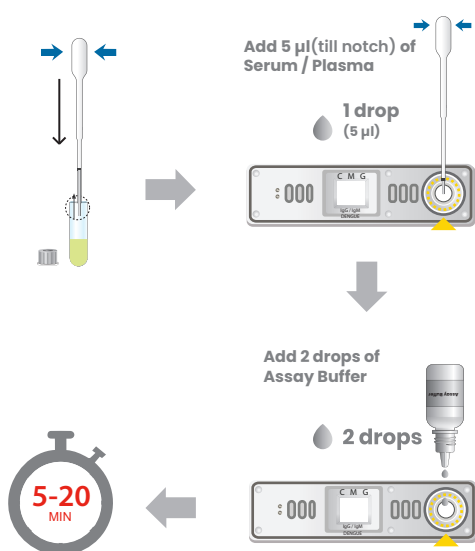
Positive



Invalid



### Dengue IgG/IgM 5 µl of Serum/Plasma



Negative



Positive



Invalid



## Ordering Information

Cat. No.	Description	Specimen	Pack size
DIDD25	Xamin Dengue Duo	S/P & WB	10/25 Tests

**\*ATTENTION** : Serum/Plasma and Whole blood tests are different variants and hence shall be ordered as per the demand for the particular variant.