

# **VR DENGUE RAPID TEST CATALOGUE**



## Superior performance

- Detects NS1 antigen from all 4 serotypes

## Rapid

- Use with serum, plasma or whole blood
- Results in 20 minutes



## VR Dengue NS1 Rapid Test

## Superior performance

- Detects and differentiates dengue IgG & IgM antibodies
- Detects all 4 serotypes

## Rapid

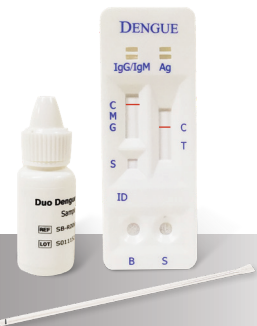
- Use with Serum, Plasma or Whole Blood
- Results in 20 minutes



## VR Dengue IgG/IgM Rapid Test

## Full Spectrum Dengue Detection

- **Early-stage primary infection:** NS1 positive
- **Late-stage primary infection:** IgM and/or IgG positive
- **Previous infection:** IgG positive
- **Acute secondary infection:** NS1, IgG, and/or IgM positive



## VR Dengue Combo NS1-IgG/IgM Rapid Test

*Simple, Reliable, Flexible*

## Performance\*

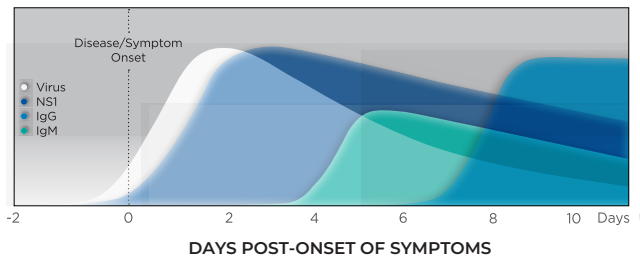
Product	Overall Sensitivity	Overall Specificity
RVR Dengue Combo NS1-IgG/IgM Rapid Test	96.0%	96.4%
RVR Dengue IgG/IgM Rapid Test	97.1%	99.1%
RVR Dengue NS1 Rapid Test	100%	98.85%

\*Refer to product insert for details

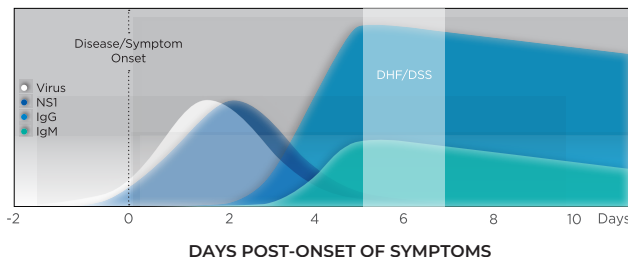
## Dengue Infections

Dengue virus (DENV) infection is a mosquito-borne viral diseases caused by four dengue virus serotypes (DEV 1-4). It is spread primarily by the female *Aedes aegypti* mosquito, a vector that can be found throughout the tropical and subtropical regions of the world. The first incident of dengue virus infection is called primary infection while the second exposure to a dengue virus other than the virus associated with primary infection is called secondary dengue infection. Only 20% of the infections are symptomatic and the presentation can range from mild fever with hemorrhage (DHF) and/or dengue shock syndrome (DSS). The figure below outlines the appearance of dengue biomarkers in patients experiencing primary and secondary Dengue infection.

### Primary Dengue Infection



### Secondary Dengue Infection



Muller et al, The Journal of Infectious Diseases® 2017; 215 (S2): S89-95

## Ordering Information

Catalog No.	Product Description	Test Specimen*	Product Format	Intended Use	Intended Use	Storage Temp.	Packing Size
RVR011	Dengue Combo NS1-IgG/IgM Rapid Test	WB/S/P	Cassette	Detection and differentiation of IgG anti-dengue virus, IgM anti-dengue virus and dengue antigen (Dengue NS1 antigen)	For Professional Use	2-30°C	25 T/ Kit
RVR012	Dengue IgG/IgM Rapid Test	WB/S/P	Cassette	Detection and differentiation of IgG and IgM anti-dengue virus (DEN 1, 2, 3 and 4)	For Professional Use	2-30°C	25 T/ Kit
RVR013	Dengue NS1 Rapid Test	WB/S/P	Cassette	Qualitative detection of dengue virus antigen (Dengue NS1)	For Professional Use	2-30°C	25 T/ Kit

\* S – Serum; P – Plasma; WB – Whole Blood; T – Test

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