

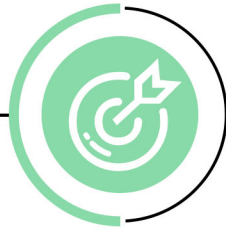
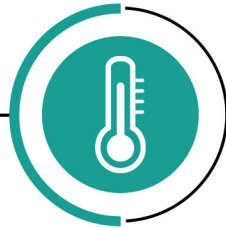
# RAPID TEST - DENGUE



AUTHORISED REPRESENTATIVE / DISTRIBUTED BY:  
**ROHEE MEDIC SDN BHD**  
Prioritize Your Health



Dengue NS1 Antigen, IgM/ IgG AAntibody Dual Detection Kit  
(Immunochromatography)



## EASY TO USE

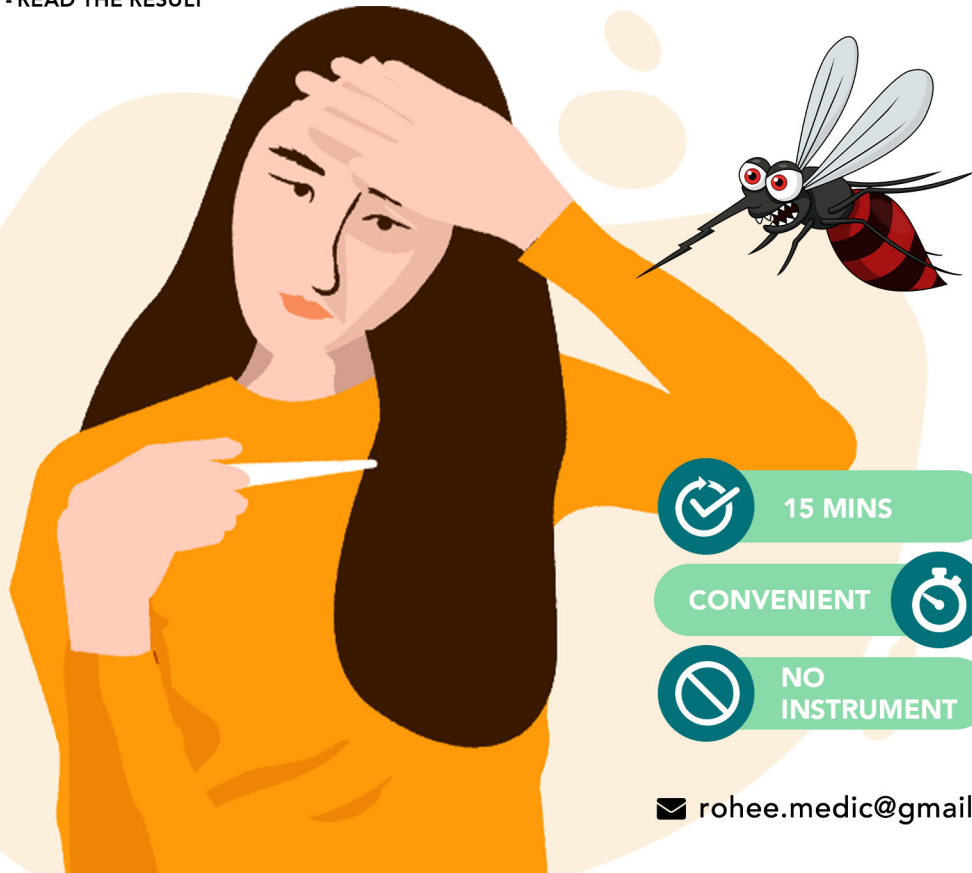
- ONLY 3 STEPS
- SAMPLING
- ADD THE SAMPLE DILUENT
- READ THE RESULT

## ROOM TEMPERATURE

TRANSPORTATION & STORAGE  
AT 4-30°C FOR 12 MONTHS

## HIGH SPECIFICITY

NO CROSS REACTIVITY WITH  
COMMON PATHOGENS  
CAUSING FEBRILE  
AND HEMORRHAGIC DISEASES



- 15 MINS
- CONVENIENT
- NO INSTRUMENT

✉ rohee.medic@gmail.com

## EPIDEMIOLOGY

Dengue fever is an acute systemic infectious disease caused by the bite of female mosquitoes carrying dengue virus (DENV), with rapid transmission, high incidence, widespread susceptibility, and high mortality in severe cases.

Approximately 390 million people worldwide are infected with dengue fever each year, with 96 million people affected by the disease in more than 120 countries, most severely in Africa, the Americas, Southeast Asia and the Western Pacific. As global warming increases, the dengue fever is now spreading to temperate and situation of dengue fever is more serious in the South Pacific region, Africa, South America, Southern Asia and Southeast Asia, and shows different degrees of increase in its transmission serotype type, altitude area, seasons, mortality rate and number of infections.

The WHO's official data in August 2019 showed that there were about 200,000 cases of dengue fever and 958 deaths in Philippines. Malaysia had accumulated more than 85,000 dengue cases in mid-August 2019, while Vietnam had accumulated 88,000 cases. Compared to same period in 2018, the number increased more than twofold in both countries. WHO has considered dengue fever as a major public health problem.

## TECHNICAL PARAMETER

### Dengue NS1 Antigen, IgM/ IgG Antibody Dual Detection Kit (Immunochromatography)

#### SPECIMEN TYPE

Human Serum, Plasma, Venous Blood and Peripheral Blood, Including Blood Samples Containing Clinical Anticoagulants (EDTA, Heparin, Citrate).

#### STORAGE

4-30°C sealed and dry

#### SHELF-LIFE

12 months

#### AUXILIARY INSTRUMENTS

Not required

#### DETECTION TIME

15 - 20 mins

#### EXTRA CONSUMABLES

Not required

#### SPECIFICITY

Conduct the cross-reactivity tests with Japanese encephalitis virus, forest encephalitis virus, hemorrhagic fever with thrombocytopenia syndrome, Xinjiang hemorrhagic fever, Hantavirus, hepatitis C virus, influenza A virus, influenza B virus, no cross-reactivity is found.




MDA registration no: IVDC3471024-170603

☎ +6016-252 3011


## Dengue NS1 Antigen, IgM/ IgG Antibody Dual Detection Kit (Immunochromatography)

This product is a rapid, on-site and accurate detection kit for dengue virus NS1 antigen and IgM/ IgG antibody. Specific IgM antibody indicates that there is a recent infection, but a negative IgM test does not prove that the body is not infected. It is also necessary to detect specific IgG antibodies with a longer half-life and the highest content to confirm the diagnosis. In addition, after the body is infected, the NS1 antigen appears first, so the simultaneous detection of the dengue virus NS1 antigen and specific IgM and IgG antibodies can effectively diagnose the body's immune response to a specific pathogen, and this antigen-antibody combination detection kit can perform rapid early diagnosis and screening in the early stage of dengue infection, primary infection and secondary or multiple dengue infection, shorten the window period and improve the detection rate.


### WORK FLOW



**01**  
Add **1 DROP** of sample to each sample well S




**02**  
Add **3 DROPS** of sample diluent to each sample well S




Wait **15 MINUTES** to have the **RESULT**


SERUM/ PLASMA/  
WHOLE BLOOD



**01**  
Pierce the fingertip with the provided lancet




**02**  
Sucky blood from the fingertip with the provided pipette




Wait **15 MINUTES** to have the **RESULT**

FINGERTIP BLOOD



**03**  
Add **1 DROP** of sample to each sample well S



**04**  
Add **3 DROPS** of sample diluent to each sample well S

### PRODUCT INFORMATION

CATALOGUE NUMBER	PRODUCT NAME	SPECIFICATION
HWTS-FE031B	Dengue NS1 Antigen, IgM/IgG Antibody Dual Detection Kit (Immunochromatography)	20 tests/ kit

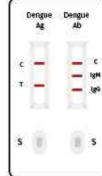
### MAIN COMPONENTS

#### Dengue NS1 Antigen Detection Kit (Immunochromatography)

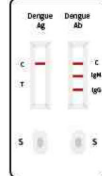
PACKAGING SIZE	COMPONENTS	SPECIFICATION	QUANTITY
20 TESTS/ KIT	TEST CASSETTE	1pc/ bag	20 bags
	 LANCET	20pcs/ bag	1 bag
	PIPETTE	20pcs / bag	1 bag

### INTERPRETATION


P: Positive
N: Negative




P: DENV NS1, IgM/ IgG  
N: DENV NS1



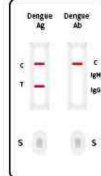
P: DENV IgM/ IgG  
N: DENV NS1, IgG



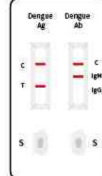
P: DENV IgM  
N: DENV NS1, IgG



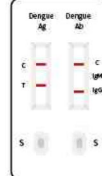
P: DENV IgG  
N: DENV NS1, IgM




P: DENV NS1  
N: DENV IgG, IgM



P: DENV NS1, IgM  
N: DENV IgG



P: DENV NS1, IgG  
N: DENV NS1, IgM






P: DENV NS1, IgM/ IgG  
N: DENV NS1, IgG





**Invalid:** If the quality control line is not visible, whatever the test line "T", "IgM" and "IgG" colored, the result is invalid.

### WHY DO WE USE DENGUE TEST ?

#### Only Dengue IgG/ IgM Ab Test

-  **1** The patient (with Dengue Virus) had high fever last night.
-  **2** Go to hospital this morning.
-  **3** Dr. said it is not Dengue fever because Dr. tested only Dengue IgG/ IgM Ab test.

#### Only Dengue NS1 Ag Test

-  **1** The patient (with Dengue Virus) had high fever from 1 week ago.
-  **2** The patient just took an aspirin but couldn't get over.
-  **3** Go to hospital this morning.
-  **4** Dr. said it is not Dengue fever because Dr. tested only Dengue NS1 b test.

### PRECAUTIONS

Do not read the result after 20 mins.

Please use the product within 1 hour after opening

Please add samples or diluent in strict accordance with the instructions.



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