Finecare™ FIA Meter Plus (FS-113)

- Small size and portable
- Instant Results

NEW

Finecare™ II Plus SE (FS-114)

- Internal rechargeable battery
- 21-hours stand by time

Finecare™ III Plus (FS-205)

- High throughput, 20 channels, 120 t/h
- Semi-automatic, less manual operation

Guangzhou Wondfo Biotech Co., Ltd.
No. 8 Lizhishan Road, Science City,
Luogang District, 510663 Guangzhou, P.R.China
Tel: (+86) 400-830-8768
Website: en.wondfo.com.cn
E-mail: sales@wondfo.com.cn

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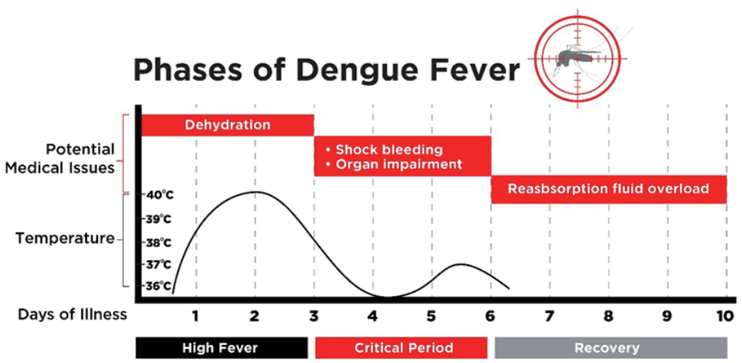
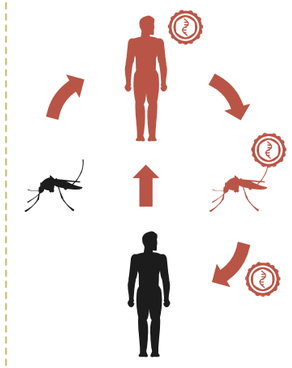
Finecare™ Dengue NS1 Ag Test

What is Dengue fever ?

Dengue fever, also known as breakbone fever, is an infectious tropical disease caused by the dengue virus. Dengue viruses, transmitted by the mosquito, Aedes aegypti and Aedes albopictus mosquitoes, are widely distributed throughout the tropical and sub-tropical areas of the world.





Characteristics

NS1 is a highly-conserved glycoprotein that is present at high concentrations in the sera of dengue-infected patients during the early clinical phase of the disease.

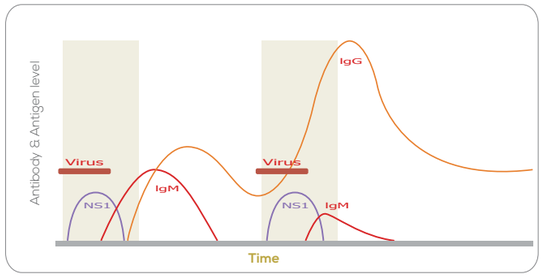
NS1 antigen is found from the first day and up to ninth days after onset of illness in cases of primary or secondary dengue infected patients.

Symptoms

High fever | Headaches | Vomiting | Joint pain | Rash

Clinical Application

Time course of Dengue infection



★ **Combo Test :**
Dengue NS1 Antigen + Dengue IgG/IgM Antibody

1. Early Screening of Dengue Virus Infection
2. Identify Secondary Infections

Fever Clinics | Laboratory | Disease Control and Prevention | Emergency Department

Finecare™ Dengue NS1 Ag Parameters

Items : Dengue NS1 Ag

Catalog No. : W282P0001

Sample Type : Whole blood, Serum or Plasma

Sample Volume : 75 µL

Reaction Time : 12 min

Reagents		FDA-cleared ELISA		Total
		Positive	Negative	
Finecare™ Dengue NS1 Ag Test	Positive	58	1	59
	Negative	1	175	176
Total		59	176	235
Clinical Sensitivity		98.3 % (95%CI:89.7%~99.9%%)		
Clinical Specificity		99.4 %(95%CI:96.4%~99.9%)		
Total		99.1%(95%CI:96.6%~99.8%)		

Result Interpretation

Finecare™ FIA Meters displays the test result automatically on the screen. The result will be displayed as cut-off index (COI).

COI	Result	Test Result Interpretation
<0.9	Negative	No additional testing required
0.9~1.1	Indeterminate	Need to retest. If the result shows " negative " or " Indeterminate". the sample result is negative.
⩾1.1	Positive	Need to confirm the result

Invalid Result:
The instrument shows that the sample has not been added (when the signal is lower than the preset minimum signal)