



BIOMÉRIEUX

VIDAS[®] DENGUE NS1, IgM, IgG

3 AUTOMATED TESTS
FOR ACCURATE DIAGNOSIS



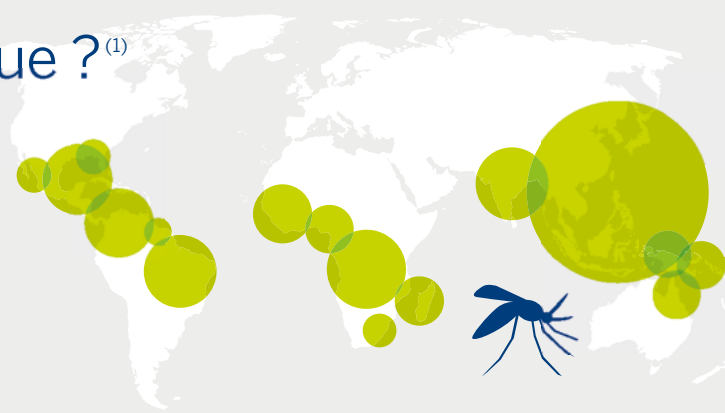
PIONEERING DIAGNOSTICS

Did you know about dengue? ⁽¹⁾

100-400 million
estimated infections each year

4.2 million
cases reported to WHO in 2019

50%
of world population at risk



A rapidly spreading arboviral disease ⁽²⁾

- Transmitted to humans through the bites of infected mosquitoes
- 4 different serotypes - Recovery from infection by one serotype results in immunity to this serotype only
- Different epidemiological and seasonal patterns in each region
- Affecting new areas, including Europe, where autochthonous transmission is now regularly reported

What are the challenges of dengue diagnosis? ⁽³⁾

Clinical symptoms are not specific of dengue infection.

They may be linked to other causes:

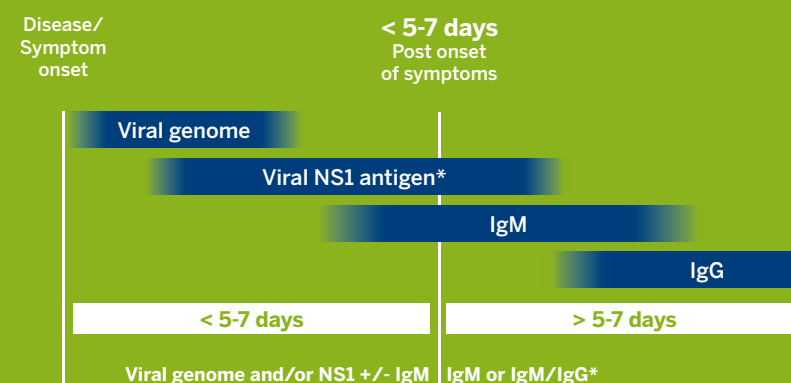
- Other arboviruses: chikungunya, Zika, yellow fever...
- Other types of infection including malaria...

Accurate confirmation of dengue diagnosis is essential to optimize patient management.

Diagnostic tests are mandatory to confirm a dengue diagnosis and limit investigations for differential diagnosis.

Recommended methods include viral genome or viral antigen detection and antibody detection (IgM/IgG).

NS1, IgM, IgG are the 3 serological tests recommended by International Guidelines ⁽⁴⁾



* PAHO, EU

VIDAS[®] DENGUE PANEL

EASY ACCESS TO AUTOMATION FOR DENGUE DIAGNOSIS

3 TESTS TO COVER THE LARGEST DETECTION WINDOW



DEAG NS1 Antigen detection	DENM IgM Antibody detection	DENG IgG Antibody detection
<ul style="list-style-type: none"> • Adapted to labs with no access to RT-PCR • Sensitivity equivalent to ELISA method ⁽⁵⁾ 	<ul style="list-style-type: none"> • Early serological response • Immunocapture allows good specificity without endogenous interferences ⁽⁵⁾ 	<ul style="list-style-type: none"> • Detection of specific immunity • No cross reactivity with chikungunya, Zika, yellow fever and malaria ⁽⁵⁾
Overall percent agreement NS1= 96.4% ⁽⁵⁾	Positive percent agreement Combined IgG/IgM = 91.9% ⁽⁵⁾	

RELIABLE & CLEAR-CUT RESULTS

- High-quality reagents based on bioMérieux's expertise in Infectious Diseases
- No equivocal zone
- Objective results
- Excellent performance on all dengue virus serotypes
- Traceability



1 PLATFORM FOR OPTIMIZED DIAGNOSIS OF SEVERAL INFECTIOUS DISEASES

Also available on your VIDAS[®] instrument:

- SARS CoV2
- Hepatitis
- HIV
- ToRC
- EBV
- Mumps/Measles/VZG
- Lyme

FLEXIBILITY

- **24/7 availability**
- 3 independent assays
- Single test concept

EASE OF USE

- **Automated result interpretation**
- All reagents included in 1 kit
- Ready-to-use tests
- Just load & go

COST-EFFECTIVE SOLUTION

- **Choose your own combination of tests**
- Calibration only once every 56 days
- Long shelf life
- Small kit size (60 tests)
- 1 patient = 1 test

ACCESSIBLE TO ALL LABORATORIES

AVAILABLE ON
INSTRUMENTS OF
THE VIDAS® FAMILY:
VIDAS®, MINI VIDAS®
AND VIDAS® 3



	VIDAS® DENGUE NS1 Ag	VIDAS® Anti-DENGUE IgM	VIDAS® Anti-DENGUE IgG
Reference	423077	423078	423079
Tests / kit	60	60	60
Sample type	Serum	Serum	Serum
Calibration frequency	Only 56 days	Only 56 days	Only 56 days
Shelf life	18 months	18 months	18 months

VIDAS® ASSAY SOLUTIONS

PANEL INFECTIOUS DISEASES

	Ref	Kit size
COVID-19		
NEW VIDAS SARS-COV-2 IgG II	424114	60 tests
VIDAS SARS-COV-2 IgG	423834	60 tests
VIDAS SARS-COV-2 IgM	423833	60 tests
TUBERCULOSIS		
NEW VIDAS TB-IGRA*	423111	20 tests
VECTOR BORNE DISEASES		
NEW VIDAS DENGUE NS1 Ag	423077	60 tests
VIDAS Anti-DENGUE IgM	423078	60 tests
VIDAS Anti-DENGUE IgG	423079	60 tests
VIDAS Lyme IgM	30319	60 tests
VIDAS Lyme IgG	30320	60 tests
HEPATITIS		
VIDAS HAV IgM	30307	30 tests
VIDAS Anti-HAV Total	30312	30 tests
VIDAS HBs Ag Ultra	30315	60 tests
VIDAS HBs Ag Ultra Confirmation	30317	30 tests
VIDAS Anti-HBs Total II	30318	60 tests
VIDAS Anti-HBc Total II	30314	60 tests
VIDAS HBc IgM II	30439	30 tests
VIDAS HBe/Anti-HBe	30305	30 tests
VIDAS Anti-HCV	30308	60 tests
VIDAS Anti-HEV IgM	418115	30 tests
VIDAS Anti-HEV IgG	418116	30 tests
HIV		
VIDAS HIV DUO Ultra	30443	60 tests
VIDAS HIV DUO Quick	30447	60 tests
VIDAS HIV P24 II	30117	30 tests
VIDAS HIV P24 II Confirmation	30444	60 tests

	Ref	Kit size
ToRC		
VIDAS TOXO IgM	30202	60 tests
VIDAS TOXO IgG II	30210	60 tests
VIDAS TOXO IgG Avidity	30222	30 tests
VIDAS TOXO Competition	30211	60 tests
VIDAS CMV IgM	30205	30 tests
VIDAS CMV IgG	30204	60 tests
VIDAS CMV IgG Avidity II	413557	30 tests
VIDAS RUB IgM	30214	30 tests
VIDAS RUB IgG II	30221	60 tests

	Ref	Kit size
ADDITIONAL SEROLOGIES		
VIDAS EBV VCA IgM	30237	30 tests
VIDAS EBV EBNA IgG	30235	30 tests
VIDAS EBV VCA/EA IgG	30236	30 tests
VIDAS Mumps IgG	30218	60 tests
VIDAS Measles IgG	30219	60 tests
VIDAS Varicella-Zoster IgG	30217	60 tests
VIDAS <i>H. pylori</i> IgG	30192	30 tests

	Ref	Kit size
ANTIGEN DETECTION		
VIDAS <i>C. difficile</i> Toxin A & B	30118	60 tests
VIDAS <i>C. difficile</i> GDH	30125	60 tests

EMERGENCY AND CRITICAL CARE

IMMUNOCHEMISTRY

PART OF THE VIDAS ASSAY RANGE FOR INFECTIOUS DISEASES



REFERENCES

1. https://www.who.int/health-topics/dengue-and-severe-dengue#tab=tab_1. 2. <https://www.who.int/news-room/fact-sheets/detail/dengue-and-severe-dengue>. 3. HAS report 2013. 4. WHO, CDC, HAS, PAHO dengue testing recommendations. 5. VIDAS® NS1 Ag, VIDAS® Anti-Dengue IgM, VIDAS® Anti-Dengue IgG. Package inserts