

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mrs. SE05	Billing Date : 07/07/2023 12:33:15
Age : 30 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Female	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012996	Report Released on : 18/07/2023 15:56:32
Accession No : 10002305052	Barcode No. : 10002305052-01
Referring Doctor : Self	Ref no. :
Referred By :	

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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SEROLOGY

Dengue Duo Rapid Test

Dengue Virus IgG Antibodies <i>Sample: Serum</i> <i>Method: ELISA</i>	Positive	Negative	Index Value
Dengue Virus IgM Antibodies <i>Sample: Serum</i> <i>Method: Immunochromatography</i>	Positive	Negative	
Dengue Ns1 Antigen Test <i>Sample: Serum</i> <i>Method: Immunochromatography</i>	Positive	Negative	

Dengue Duo Rapid Test

Interpretation :

Laboratory Diagnostic of Dengue is usually made by detection of NS1 (Non Structural) antigen and / or detection of specific IgM and IgG antibodies in serum sample obtain from a patient with fever. NS1 antigen appear in the blood from day 1 of illness and is detectible up-to 9 days. Dengue specific IgM antibodies appear after 5 days of fever and persist for weeks after primary infection while Dengue specific IgG appear after 1st week of illness and persist for a long time lasting months to years. In secondary infection presence of NS1 antigen and / or of IgM antibodies is of diagnostic importance.

Under ideal conditions, Point of Care Diagnostic Tests (POCT) are reliable besides having a short turnaround time (TAT). ELISA technique is more sensitive and is the government approved technique for laboratory diagnosis of Dengue. Demonstration of viral nucleic acid by RT PCR and isolation of virus by culture are the gold standard for laboratory diagnosis.

History of vomiting, low platelet count, high AST, positive NS1 antigen have been found to be independent correlate of severe dengue and a nanogram has been developed to help identify patients most likely to suffer from severe dengue (Clin Infect Dis 2017; 64:665)

Due to sensitivity and specificity concerns with some POCT, positive NS1 antigen/ IgM results obtained with rapid dengue tests are considered provisional and point to "Probable Dengue" infection. For confirmation of Dengue infection, GOI notification 2016 mandates to test all positive Rapid tests specimens by ELISA



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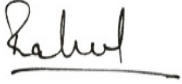
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The test cassette is infectious and hazardous and is disposed off as per Government of India regulation governing disposal of Biomedical Waste and can't be handed over to the patient.

** End of Report**



Dr. Rahul Behl
MD
Consultant Microbiology

