



MC-2751

LABORATORY REPORT

NAME : MR.SI0790	REFERRED BY : SELF	VISIT NO : VAMP26148033
AGE : 40Y 0M 0D	ZERO TARIFF CLIENT CODE	COLLECTED ON : 21-04-2026 10:00
GENDER : Male	LAB MR# : AAMP01479312	RECEIVED ON : 21-04-2026 18:11
OP / IP / DG # :		APPROVED ON : 22-04-2026 13:49
		REPORT STATUS : Final Report



Test Name	Result	Biological Ref. Interval	Unit
Dengue Profile Elisa (Dengue Igg Antibody - Elisa+ Dengue Igm Antibody - Elisa + Dengue Ns1 Antigen - Elisa)			
SEROLOGY AND IMMUNOLOGY			

Dengue IgG antibody (Serum)

Dengue IgG antibody ELISA	6.32	<18:Negative 18-22:Equivocal >22:Positive	UNITS
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Interpretation:

RESULT	INTERPRETATION
NEGATIVE (<18)	No detectable IgG antibody, presumptive evidence that the patient does not have secondary Dengue infection.
EQUIVOCAL (18-22)	Repeat sample after 1 week
POSITIVE (>22)	IgG antibody detected indicating presumptive evidence that the patient has been recently exposed to / or currently infected with Dengue virus.

Dengue is considered to be the most important arthropod borne viral disease due to the human morbidity and mortality it causes. The disease may be subclinical, self limiting, febrile or may progress to a severe form of Dengue hemorrhagic fever or Dengue shock syndrome. The clinical diagnosis must be interpreted with clinical signs and symptoms of the patient. The positive predictive value depends on the likelihood of the virus being present. Secondary dengue virus infection causes complications and is characterized by high IgG levels detectable as early as 2 days following the onset of infection, which may be accompanied by elevated IgM levels. The accuracy of the assay is dependent upon the timing following the infection when the sample is collected. Although this assay can detect samples as early as three days following infection, the peak performance of the assay is achieved when samples are taken between 6–15 days following onset of illness.

Dengue IgM antibody (Serum)

Dengue IgM antibody ELISA	5.30	<9:Negative 9-11:Equivocal >11:Positive	UNITS
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Interpretation:

RESULT	INTERPRETATION
NEGATIVE (<9)	No detectable IgM antibody. Result does not rule out Dengue infection. Additional sample to be tested after 7-14 days if infection is suspected.
EQUIVOCAL (9-11)	Repeat sample after 1 week
POSITIVE (>11)	IgM antibody detected. Suggestive of Primary / Secondary Dengue infection

Detection of IgM antibodies to Dengue virus is a valuable procedure, particularly in second and subsequent infections where the occurrence of complications like Dengue haemorrhagic fever and dengue shock syndrome, is high. Primary dengue infection is characterized by the presence of significant or rising levels of IgM 3-5 days after the onset of infection, which can persist for 3-5 months. Secondary infection is characterized by elevation of specific IgG 1-2 days after the onset of infection and in the majority of cases (>70%) is accompanied by elevation of IgM. In early infections and some secondary infections detectable levels of IgM antibodies may be low. Some patients may not produce detectable levels of antibody within the first seven to ten days after infection. Where symptoms persist, we recommend that patients be re-tested seven days after the first specimen. The clinical diagnosis must be interpreted with clinical signs and symptoms of the patient. The positive predictive value depends on the likelihood of the virus being present.





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Dengue Profile Elisa (Dengue Igg Antibody - Elisa+ Dengue Igm Antibody - Elisa + Dengue Ns1 Antigen - Elisa)			
Dengue NS1 Antigen (Serum)			
Dengue NS1 Antigen ELISA	4.20	<9: Negative 9-11: Borderline >11: Positive	UNITS

Interpretation:

RESULT	INTERPRETATION
NEGATIVE (<9)	No detectable dengue NS1 antigen. The result does not rule out dengue infection. An additional sample should be tested for IgG & IgM serology in 7-14 days.
EQUIVOCAL (9-11)	Repeat sample after 1 week
POSITIVE (>11)	Presence of detectable dengue NS1 antigen. Dengue IgG & IgM serology assays should be performed on follow up samples after 5-7 days of onset of fever, to confirm dengue infection.

Dengue is considered to be the most important arthropod-borne viral disease due to the human morbidity and mortality it causes. Dengue may present as non-specific febrile illness or classic dengue fever. Dengue Haemorrhagic fever and Dengue Shock Syndrome are known life threatening presentations of infection. NS1 antigen found from the first day and up to 9 days after onset of fever in samples of primary or secondary dengue infected patients.

Recommended test is NS1 Antigen by ELISA in the first 5 days of fever. After 7-10 days of fever, the recommended test is Dengue fever antibodies IgG & IgM by ELISA

Dr. G. Amitha
MBBS, MD (MICROBIOLOGY)
Consultant Microbiologist

Disclaimer:

- All results released pertain to the specimen as received by the lab for testing and under the assumption that the patient indicated or identified on the bill/test requisition form is the owner of the specimen.
- Clinical details and consent forms, especially in Genetic testing, histopathology, as well as wherever applicable, are mandatory to be accompanied with the test requisition form. The non-availability of such information may lead to delay in reporting as well as misinterpretation of test results. The lab will not be responsible for any such delays or misinterpretations thereof.
- Test results are dependent on the quality of the sample received by the lab. In case the samples are preprocessed elsewhere (e.g., paraffin blocks), results may be compromised.
- Tests are performed as per the schedule given in the test listing and in any unforeseen circumstances, report delivery may be affected.
- Test results may show inter-laboratory as well as intra-laboratory variations as per the acceptable norms.

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6. Genetic reports as well as reports of other tests should be correlated with clinical details and other available test reports by a qualified medical practitioner. Genetic counselling is advised in genetic test reports by a qualified genetic counsellor, medical practitioner or both.			
7. Samples will be discarded post processing after a specified period as per the laboratory's retention policy. Kindly get in touch with the lab for more information.			
8. If accidental damage, loss, or destruction of the specimen is not attributable to any direct or negligent act or omission on the part of Ampath Labs or its employees, Ampath shall in no event be liable. Ampath lab's liability for a lack of services, or other mistakes and omissions, shall be restricted to the amount of the patient's payment for the pertinent laboratory services.			

