

Branch : GUDUVANCHERY MEDIC CENTRE

Patient : Mr. Chirag

Referrer :

SID No. : 004043473

Patient No : @040021604

Age / Sex : 20 Y Male

Collected Date &amp; Time : 16/10/2023 11:56

Received Date &amp; Time : 27/10/2023 11:56

Report Date &amp; Time : 28/10/2023 18:00

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INVESTIGATION/METHOD	SPECIMEN	RESULT	UNITS	BIOLOGICAL REF. RANGE
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**SEROLOGY**

DENGUE IgM Ab ELISA ELISA Method	Serum	12.9	NTU	<9.0 Negative Equivocal 9-11 Positive: >11.0
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Comments for both POSITIVE AND NEGATIVE cases :

- Dengue fever is caused by Dengue virus. Due to some common antigenic determinants there may be cross reactivity with JE, Yellow fever and Tick borne encephalitis viruses.
- In Primary Dengue Infection IgM Antibody is detectable usually after 6 days of illness and slowly increases over the next two weeks of illness
- Dengue IgM : use in conjunction with Dengue IgG ELISA to differentiate primary and secondary Dengue infection
- For a definitive diagnosis, the patient's clinical history, symptomatology as well as other laboratory data should be considered.

- In borderline cases, the test should be repeated after an interval of 1 - 2 weeks for confirmation

DENGUE IgG Ab ELISA ELISA Method	Serum	4.58	S/CO	<9.0 Negative Equivocal 9-11 Positive: >11.0
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Comments for both POSITIVE AND NEGATIVE cases :

- Dengue fever is caused by Dengue virus. Due to some common antigenic determinants there may be cross-reactivity with JE, Yellow fever and Tick borne encephalitis viruses.
- In Primary Dengue Infection dengue IgG Antibody is detectable at low titer at the end of the first week of illness, and slowly increases. In contrast, during a secondary Dengue infection, antibody titers rise rapidly in the first week and they rise dramatically over the next two weeks of illness.
- In borderline cases, the test should be repeated after an interval of 2 - 3 weeks for confirmation.

Dengue NS1 Antigen - Elisa ELISA Method	Serum	3.44	PANBIO UNITS	<9.0 Negative Equivocal 9-11 Positive: >11.0
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Comments for both POSITIVE AND NEGATIVE cases

- NS1 antigen circulates at detectable levels from the first day after the onset of symptoms and the test is positive in the first week of illness.
- NS1 Antigen is positive in the sera of patients experiencing primary as well as secondary Dengue infections.
- For a definitive diagnosis, the patient's clinical history, symptomatology as well as other serological data (Dengue Ig M & IgG ) should be considered.

End of the Report



Dr. N. HEMAVATHY M.D. Pathology

Consultant Pathologist