



Yashvi M. Patel

Age : 21 Years

Sex : Female

UHID : 556



Sample Collected At:

125, Shiv complex, S G Road, Mumbai

Sample Collected By: Mr Suresh

Ref. By: **Dr. Hiren Shah**



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

DENGUE FEVER PANEL

Investigation	Result	Reference Value	Unit
Sample Type	Serum (2 ml)	TAT : 1 day (Normal: 1 - 3 days)	
DENGUE FEVER ANTIBODY, IgG ELISA	3.40 Positive	1.80 - 2.20	Index
DENGUE FEVER ANTIBODY, IgM ELISA	2.60 Positive	0.90 - 1.10	Index

Interpretation		
ANTIBODY	RESULT IN INDEX	REMARKS
IgG	Negative (< 1.80)	No detectable IgG antibody indicating a presumptive evidence that the patients does not have secondary Dengue infection.
	Equivocal (1.80 - 2.20)	Retesting advised.
	Positive (> 2.20)	IgG antibody detected indicating presumptive evidence that the patient has been recently exposed to/or currently infected with dengue virus
IgM	Negative (< 0.90)	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 (0.90 - 1.10)	Retesting advised.
	Positive (> 1.10)	IgM antibody detected. Suggestive of Primary / Secondary Dengue infection.

Note :

1. 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
2. Cross reactivity is seen in the Flavivirus group between Dengue virus, Murray Valley encephalitis, Japanese encephalitis, Yellow fever & West Nile viruses

Comments :

Dengue viruses belong to the family Flaviviridae and have 4 subtypes (1-4). Dengue virus is transmitted by the mosquito Aedes aegypti and Aedes albopictus, widely distributed in Tropical and Subtropical areas of the world. 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.

Thanks for Reference

****End of Report****

Medical Lab Technician
(DMLT, BMLT)

Dr. Payal Shah
(MD, Pathologist)

Dr. Vimal Shah
(MD, Pathologist)

