DRLOGY PATHOLOGY LAB

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www.drlogy.com

Yash M. Patel

Age : 21 Years

Sex : Male

PID : 555

Sample Collected At:

125, Shivam Bungalow, S G Road, Mumbai

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

0 35545 62336 78 1

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 ANTIBODY, IgM

Investigation	Result	Reference Value	Unit
DENGUE FEVER ANTIBODY, IgM, SERUM ELISA	**221.00**		Index

Interpretation :

RESULT IN INDEX	REMARKS
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.

DENGUE INFECTION	ANTIBODY DETECTED POST ILLNESS	
	IgG	**IgM**
Primary	5th-10th day	14th day & persists for life
Secondary	4th-5th day	1st-2nd day

Thanks for Reference

****End of Report****

Medical Lab Technician

(DMLT, BMLT)

Dr. Payal Shah

(MD, Pathologist)

Dr. Vimal Shah

(MD, Pathologist)