

REPORT

Name	: Miss. BHARGAVI ARUN KUMAR	Sample ID	: A0590885
Age/Gender	: 17 Years/Female	Reg. No	: 0312408160006
Referred by	: Dr. C N REDDY (M.B.B.S.,D.C.H)	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 16-Aug-2024 09:29 AM
Primary Sample	: Whole Blood	Received On	: 16-Aug-2024 10:53 AM
Sample Tested In	: Whole Blood EDTA	Reported On	: 16-Aug-2024 11:40 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

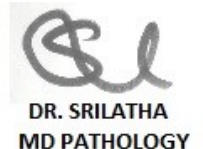
ADVANCE FEVER PROFILE-ELISA

Test Name	Results	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb)	12.3	g/dL	12-15	Cynmeth Method
RBC Count	4.62	10 ¹² /L	3.8-4.8	Cell Impedance
Haematocrit (HCT)	37.6	%	40-50	Calculated
MCV	81	fl	81-101	Calculated
MCH	26.6	pg	27-32	Calculated
MCHC	32.7	g/dL	32.5-34.5	Calculated
RDW-CV	13.7	%	11.6-14.0	Calculated
Platelet Count (PLT)	164	10 ⁹ /L	150-410	Cell Impedance
Total WBC Count	6.4	10 ⁹ /L	4.0-10.0	Impedance
Neutrophils	58	%	40-70	Cell Impedance
Absolute Neutrophils Count	3.71	10 ⁹ /L	2.0-7.0	Impedance
Lymphocytes	36	%	20-40	Cell Impedance
Absolute Lymphocyte Count	2.3	10 ⁹ /L	1.0-6.2	Impedance
Monocytes	04	%	2-10	Microscopy
Absolute Monocyte Count	0.26	10 ⁹ /L	0.2-1.0	Calculated
Eosinophils	02	%	1-6	Microscopy
Absolute Eosinophils Count	0.13	10 ⁹ /L	0.02-0.5	Calculated
Basophils	00	%	1-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Atypical cells / Blasts	0.0	%		
Morphology				
WBC	Within Normal Limits			
RBC	Normocytic normochromic			
Platelets	Adequate.			Microscopy

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 16-Aug-2024 09:29 AM
Primary Sample	: Whole Blood	Received On	: 16-Aug-2024 10:53 AM
Sample Tested In	: Serum	Reported On	: 16-Aug-2024 02:33 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

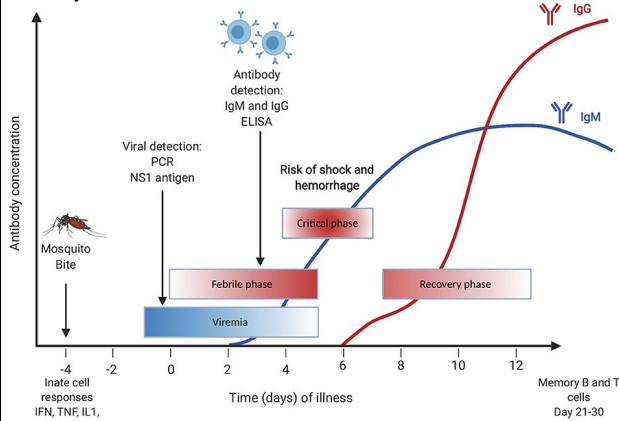
IMMUNOLOGY & SEROLOGY

ADVANCE FEVER PROFILE-ELISA

Test Name	Results	Units	Ref. Range	Method
Chikungunya IgM	Negative		Negative	Immunochromatography
Dengue Profile-Elisa				
Dengue IgG Antibody	0.21	S/CO	< 0.8 : Negative 0.8-1.1 : Equivocal ≥ 1.1 : Positive	ELISA
Dengue IgM Antibody	0.32	S/CO	< 0.8 : Negative 0.8-1.1 : Equivocal ≥ 1.1 : Positive	ELISA
Dengue NS1 Antigen	0.25	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive	ELISA

Interpretation:

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.



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



DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

Correlate Clinically.

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