

REPORT

Name	: Mrs. MAMATHA	Sample ID	: A0934126
Age/Gender	: 30 Years/Female	Reg. No	: 0312409100046
Referred by	: Dr. KRISHNA RAO	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 10-Sep-2024 08:54 PM
Primary Sample	: Whole Blood	Received On	: 10-Sep-2024 10:47 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 10-Sep-2024 11:01 PM
Client Address	: Kimtee colony ,Gokul Nagar, Tarnaka	Report Status	: Final Report

HAEMATOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Blood Picture(CBP)				
Haemoglobin (Hb)	12.0	g/dL	12-15	Cynmeth Method
Haematocrit (HCT)	40.0	%	40-50	Calculated
RBC Count	4.41	10 ¹² /L	3.8-4.8	Cell Impedence
MCV	87	fl	81-101	Calculated
MCH	27.3	pg	27-32	Calculated
MCHC	32.8	g/dL	32.5-34.5	Calculated
RDW-CV	12.5	%	11.6-14.0	Calculated
Platelet Count (PLT)	382	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	6.6	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	70	%	40-70	Cell Impedence
Lymphocytes	20	%	20-40	Cell Impedence
Monocytes	08	%	2-10	Microscopy
Eosinophils	02	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	4.62	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	1.32	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.53	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.13	10 ⁹ /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Normocytic Normochromic			PAPs Staining



Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mrs. MAMATHA	Sample ID	: A0934125
Age/Gender	: 30 Years/Female	Reg. No	: 0312409100046
Referred by	: Dr. KRISHNA RAO	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 10-Sep-2024 08:54 PM
Primary Sample	: Whole Blood	Received On	: 10-Sep-2024 10:53 PM
Sample Tested In	: Serum	Reported On	: 10-Sep-2024 11:37 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

IMMUNOLOGY & SEROLOGY

Test Name	Results	Units	Ref. Range	Method
Widal Test (Slide Test)				
Salmonella typhi O Antigen	<1:20		1:80 & Above Significant	
Salmonella typhi H Antigen	<1:20		1:80 & Above Significant	
Salmonella paratyphi AH Antigen	<1:20		1:80 & Above Significant	
Salmonella paratyphi BH Antigen	<1:20		1:80 & Above Significant	

Interpretation

Antigens Tested	RESULT	REMARKS
TO, TH,AH,BH	Titre 1:20 and Titre 1:40	Indicates absence of IgM & IgG antibodies against Salmonella species.
TO, TH,AH,BH	Titre 1:80	Indicates Presence of IgM & IgG antibodies against Salmonella species.
TO, TH,AH,BH	Titre 1:160	Indicates Presence of IgM & IgG antibodies against Salmonella species.
TO, TH,AH,BH	Titre 1:320	Indicates Presence of IgM & IgG antibodies against Salmonella species.

- This test measures Somatic O and Flagellar H antibodies against Typhoid and Paratyphoid bacilli.
- The agglutinins usually appear at the end of the first week of infection and increase steadily till third / fourth week after which the decline starts. A Positive Widal test may occur because of Typhoid vaccination or previous typhoid infection and in certain autoimmune diseases.
- False positive results/anamnestic response may be seen in patients with past enteric infection during unrelated fevers like Malaria, Influenzae etc in the form of transient rise in H antibody in Widal test.
- False negative results may be due to processing of sample collected early in the course of disease (1st week) and immunosuppression.

*** End Of Report ***

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DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

REPORT

Name	: Mrs. MAMATHA	Sample ID	: A0934125
Age/Gender	: 30 Years/Female	Reg. No	: 0312409100046
Referred by	: Dr. KRISHNA RAO	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 10-Sep-2024 08:54 PM
Primary Sample	: Whole Blood	Received On	: 10-Sep-2024 10:53 PM
Sample Tested In	: Serum	Reported On	: 11-Sep-2024 12:30 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

IMMUNOLOGY & SEROLOGY

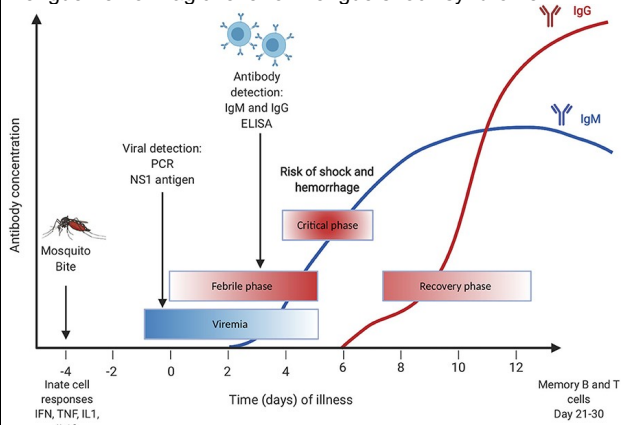
Test Name	Results	Units	Ref. Range	Method
Dengue NS1 Antigen	0.25	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive	ELISA

Interpretation:

Result	Interpretation
Negative	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	Repeat sample after 1 week
Positive	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.

Note: 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

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.



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Correlate Clinically.

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