

**REPORT**

Name	: Master. DHRUVAN	Sample ID	: A0934194
Age/Gender	: 10 Years/Male	Reg. No	: 0312409110068
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	: 11-Sep-2024 10:18 PM
Primary Sample	: Whole Blood	Received On	: 11-Sep-2024 11:08 PM
Sample Tested In	: Serum	Reported On	: 12-Sep-2024 12:26 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

**ADVANCE FEVER PROFILE-ELISA**

Test Name	Results	Units	Ref. Range	Method
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<b>C-Reactive protein-(CRP)</b>	0.8	mg/L	Upto:6.0	Immunoturbidimetry
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**Interpretation:**

C-reactive protein (CRP) is produced by the liver. The level of CRP rises when there is inflammation throughout the body. It is one of a group of proteins called acute phase reactants that go up in response to inflammation. The levels of acute phase reactants increase in response to certain inflammatory proteins called cytokines. These proteins are produced by white blood cells during inflammation.

A positive test means you have inflammation in the body. This may be due to a variety of conditions, including:

- Connective tissue disease
- Heart attack
- Infection
- Inflammatory bowel disease (IBD)
- Lupus
- Pneumonia
- Rheumatoid arthritis



*Vaishnavi*  
**DR.VAISHNAVI**  
**MD BIOCHEMISTRY**

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Sample Tested In	: Whole Blood EDTA	Reported On	: 11-Sep-2024 11:28 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**HAEMATOLOGY**

Test Name	Results	Units	Ref. Range	Method
<b>Blood Grouping (A B O)</b>	O			Tube Agglutination
<b>Rh Typing</b>	Positive			Tube Agglutination

**Comments:**  
Blood group ABO & Rh test identifies your blood group & type of Rh factor. There are four major blood groups- A, B, AB, and O. It is important to know your blood group as you may need a transfusion of blood or blood components; you may want to donate your blood ; before or during a woman's pregnancy to determine the risk of Rh mismatch with the fetus.

**Note:** Both Forward and Reverse Grouping Performed .

\*\*\* End Of Report \*\*\*

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Swannabala - M  
DR.SWARNA BALA  
MD PATHOLOGY

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Sample Tested In	: Whole Blood EDTA	Reported On	: 11-Sep-2024 11:25 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**HAEMATOLOGY**

**ADVANCE FEVER PROFILE-ELISA**

Test Name	Results	Units	Ref. Range	Method
<b>COMPLETE BLOOD COUNT (CBC)</b>				
Haemoglobin (Hb)	12.2	g/dL	11.5-15.5	Cynmeth Method
RBC Count	4.50	10 <sup>12</sup> /L	4.5-5.5	Cell Impedance
Haematocrit (HCT)	35.0	%	35-45	Calculated
MCV	78	fl	77-95	Calculated
MCH	27.3	pg	25-33	Calculated
MCHC	35.0	g/dL	31-37	Calculated
RDW-CV	13.6	%	11.6-14.0	Calculated
Platelet Count (PLT)	205	10 <sup>9</sup> /L	170-450	Cell Impedance
Total WBC Count	<b>3.9</b>	10 <sup>9</sup> /L	5.0-13.0	Impedance
Neutrophils	58	%	43-64	Cell Impedance
Absolute Neutrophils Count	2.26	10 <sup>9</sup> /L	1.9-8.6	Impedance
Lymphocytes	32	%	25-48	Cell Impedance
Absolute Lymphocyte Count	1.25	10 <sup>9</sup> /L	1.0-6.2	Impedance
Monocytes	06	%	0-9	Microscopy
Absolute Monocyte Count	0.23	10 <sup>9</sup> /L	0.0- 1.2	Calculated
Eosinophils	04	%	0-7	Microscopy
Absolute Eosinophils Count	0.16	10 <sup>9</sup> /L	0.0-1.0	Calculated
Basophils	0	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 <sup>9</sup> /L	0.0-0.3	Calculated
Atypical cells / Blasts	0	%		
<b>Morphology</b>				
WBC	Mild Leucopenia			
RBC	Normocytic normochromic			
Platelets	Adequate.			Microscopy

Result rechecked and verified for abnormal cases

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**HAEMATOLOGY**

**ADVANCE FEVER PROFILE-ELISA**

Test Name	Results	Units	Ref. Range	Method
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<b>Erythrocyte Sedimentation Rate (ESR)</b>	10	mm/hr	3-13	Westergren method
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**Comments :** ESR is an acute phase reactant which indicates presence and intensity of an inflammatory process.It is never diagnostic of a specific disease. It is used to monitor the course or response to treatment of certain diseases. Extremely high levels are found in cases of malignancy, hematologic diseases, collagen disorders and renal diseases.

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**IMMUNOLOGY & SEROLOGY**

**ADVANCE FEVER PROFILE-ELISA**

Test Name	Results	Units	Ref. Range	Method
<b>Widal Test (Slide Test)</b>				
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	



**DR. RUTURAJ MANIKLAL KOLHAPURE**  
MD, MICROBIOLOGIST

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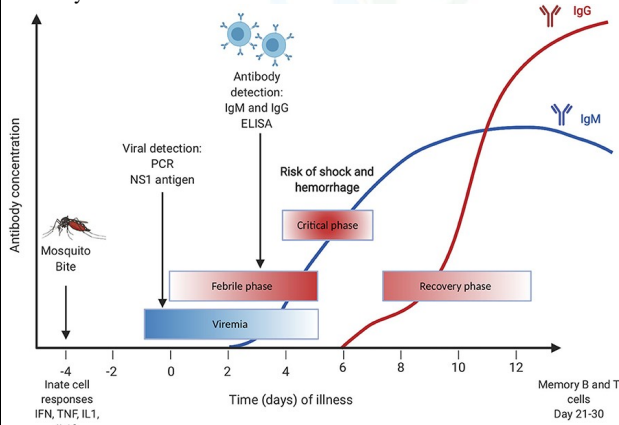
**IMMUNOLOGY & SEROLOGY**

**ADVANCE FEVER PROFILE-ELISA**

Test Name	Results	Units	Ref. Range	Method
<b>Dengue Profile-Elisa</b>				
Dengue IgG Antibody	0.29	S/CO	< 0.8 : Negative 0.8-1.1 : Equivocal ≥ 1.1 : Positive	ELISA
Dengue IgM Antibody	0.22	S/CO	< 0.8 : Negative 0.8-1.1 : Equivocal ≥ 1.1 : Positive	ELISA
Dengue NS1 Antigen	0.30	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

\*\*\* End Of Report \*\*\*



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MD, MICROBIOLOGIST

Correlate Clinically.

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