

LABORATORY TEST REPORT

Name	: Master. P SUSHANTH		
Sample ID	: A0788157		
Age/Gender	: 9 Years/Male	Reg. No	: 0312411070001
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	: 07-Nov-2024 08:06 AM
Primary Sample	: Whole Blood	Received On	: 07-Nov-2024 01:13 PM
Sample Tested In	: Serum	Reported On	: 07-Nov-2024 04:07 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
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C-Reactive protein-(CRP) 2.1 mg/L Upto:6.0

(Method: Immunoturbidimetry)

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



Page 1 of 4
Dr. Vaishnavi
DR.VAISHNAVI
MD BIOCHEMISTRY

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Primary Sample	: Whole Blood	Received On	: 07-Nov-2024 01:13 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 07-Nov-2024 01:54 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
Blood Grouping (A B O) <small>(Method: Tube Agglutination)</small>	O		
Rh Typing <small>(Method: Tube Agglutination)</small>	Positive		

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 ***



Page 2 of 4
Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY










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Primary Sample	: Whole Blood	Received On	: 07-Nov-2024 01:13 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 07-Nov-2024 02:19 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report












HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
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Complete Blood Picture(CBP)

 Haemoglobin (Hb) <small>(Method: Cymmeth Method)</small>	14.5	g/dL	11.5-15.5
 Haematocrit (HCT) <small>(Method: Calculated)</small>	43.7	%	35-45
 RBC Count <small>(Method: Cell Impedance)</small>	5.55	10 ¹² /L	4.5-5.5
 MCV <small>(Method: Calculated)</small>	79	fl	77-95
 MCH <small>(Method: Calculated)</small>	26.2	pg	25-33
 MCHC <small>(Method: Calculated)</small>	33.2	g/dL	31-37
 RDW-CV <small>(Method: Calculated)</small>	14.0	%	11.6-14.0
 Platelet Count (PLT) <small>(Method: Cell Impedance)</small>	208	10 ⁹ /L	170-450
 Total WBC Count <small>(Method: Impedance)</small>	3.7	10 ⁹ /L	5.0-13.0

Differential Leucocyte Count (DC)

 Neutrophils <small>(Method: Cell Impedance)</small>	60	%	43-64
 Lymphocytes <small>(Method: Cell Impedance)</small>	31	%	25-48
 Monocytes <small>(Method: Microscopy)</small>	06	%	0-9
 Eosinophils <small>(Method: Microscopy)</small>	03	%	0-7
 Basophils <small>(Method: Microscopy)</small>	00	%	0-2
 Absolute Neutrophils Count <small>(Method: Impedance)</small>	2.22	10 ⁹ /L	1.9-8.6
 Absolute Lymphocyte Count <small>(Method: Impedance)</small>	1.15	10 ⁹ /L	1.0-6.2
 Absolute Monocyte Count <small>(Method: Calculated)</small>	0.22	10 ⁹ /L	0.0- 1.2
 Absolute Eosinophils Count <small>(Method: Calculated)</small>	0.11	10 ⁹ /L	0.0-1.0
 Absolute Basophil ICount <small>(Method: Calculated)</small>	0.00	10 ⁹ /L	0.0-0.3

Morphology
(Method: PAPs Staining)

Mild Leucopenia with Normocytic Normochromic with Adequate.

*** End Of Report ***


 Page 3 of 4
 Swarnabala - M
 DR.SWARNA BALA
 MD PATHOLOGY

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IMMUNOLOGY & SEROLOGY

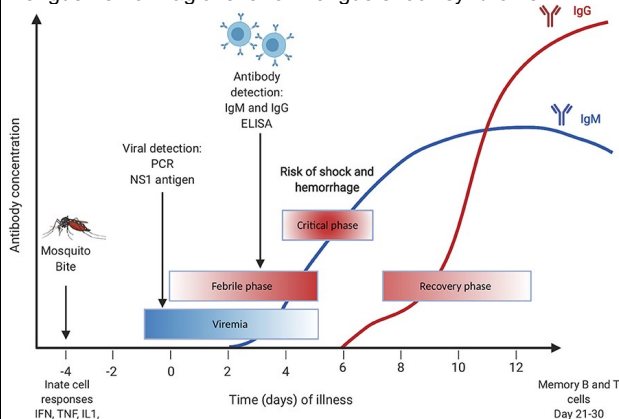
Test Name	Results	Units	Biological Reference Interval
Dengue NS1 Antigen (Method: ELISA)	2.25	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive

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.



*** End Of Report ***



Page 4 of 4

[Signature]

DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST