

LABORATORY TEST REPORT

Name	: Mrs. LAKSHMI KANTHAM		
Sample ID	: A1308682		
Age/Gender	: 80 Years/Female	Reg. No	: 0312501060027
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 06-Jan-2025 10:39 AM
Primary Sample	: Whole Blood	Received On	: 06-Jan-2025 12:44 PM
Sample Tested In	: Serum	Reported On	: 06-Jan-2025 03:50 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) 0.5 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



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Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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Primary Sample	: Whole Blood	Received On	: 06-Jan-2025 12:44 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 06-Jan-2025 03:24 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


HAEMATOLOGY
FEVER PROFILE

Test Name	Results	Units	Biological Reference Interval
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MALARIA ANTIGEN (VIVAX & FALCIPARUM)

Plasmodium Vivax Antigen Negative Negative

(Method: Immuno Chromatography)

Plasmodium Falciparum Negative Negative

(Method: Immuno Chromatography)

Note :

- In the gametogony stage, P.Falciparum may not secreted. Such carriers may show falsely negative result.
- This test is used to indicate therapeutic response. Positive test results 5 - 10 days post treatment indicate the possibility of a resistant strain of malaria.

Comments :

Malaria is protozoan parasitic infection, prevalent in the Tropical & Subtropical areas of the world. Four species of plasmodium parasites are responsible for malaria infections in human viz. P.Falciparum, p.Vivax, P.Ovale & P.malariae. Falciparum infections are associated with Cerebral malaria and drug resistance where as vivex infection is associated with high rate of infectivity and relapse. Differentiation between P.Falciparum and P.Vivex is utmost importance for better patient management and speedy recovery.

*** End Of Report ***



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 Swarnabala - M
 DR.SWARNA BALA
 MD PATHOLOGY

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Primary Sample	: Whole Blood	Received On	: 06-Jan-2025 12:44 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 06-Jan-2025 01:12 PM
Client Address	: Kimtee colony , Gokul Nagar, Tarnaka	Report Status	: Final Report






















HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Biological Reference Interval
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COMPLETE BLOOD COUNT (CBC)

 Haemoglobin (Hb) (Method: Cymeth Method)	13.8	g/dL	12-15
 RBC Count (Method: Cell Impedance)	4.41	10 ¹² /L	3.8-4.8
 Haematocrit (HCT) (Method: Calculated)	45.1	%	40-50
 MCV (Method: Calculated)	101	fl	81-101
 MCH (Method: Calculated)	31.4	pg	27-32
 MCHC (Method: Calculated)	30.6	g/dL	32.5-34.5
 RDW-CV (Method: Calculated)	14.7	%	11.6-14.0
 Platelet Count (PLT) (Method: Cell Impedance)	239	10 ⁹ /L	150-410
 Total WBC Count (Method: Impedance)	10.0	10 ⁹ /L	4.0-10.0
 Neutrophils (Method: Cell Impedance)	70	%	40-70
 Absolute Neutrophils Count (Method: Impedance)	7	10 ⁹ /L	2.0-7.0
 Lymphocytes (Method: Cell Impedance)	21	%	20-40
 Absolute Lymphocyte Count (Method: Impedance)	2.1	10 ⁹ /L	1.0-3.0
 Monocytes (Method: Microscopy)	06	%	2-10
 Absolute Monocyte Count (Method: Calculated)	0.6	10 ⁹ /L	0.2-1.0
 Eosinophils (Method: Microscopy)	03	%	1-6
 Absolute Eosinophils Count (Method: Calculated)	0.3	10 ⁹ /L	0.02-0.5
 Basophils (Method: Microscopy)	00	%	1-2
 Absolute Basophil ICount (Method: Calculated)	0.00	10 ⁹ /L	0.0-0.3

Morphology

WBC	Within Normal Limits
RBC	Normocytic normochromic
Platelets (Method: Microscopy)	Adequate.

*** End Of Report ***



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Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

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Sample Tested In	: Whole Blood EDTA	Reported On	: 06-Jan-2025 03:59 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) <small>(Method: Westergren method)</small>	41	mm/hr	30 or less

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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Sample Tested In	: Plasma-NaF(R)	Reported On	: 06-Jan-2025 01:32 PM
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CLINICAL BIOCHEMISTRY
GLUCOSE RANDOM (RBS)

Test Name	Results	Units	Biological Reference Interval
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Glucose Random (RBS) 77 mg/dL 70-140

(Method: Hexokinase (HK))

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	Fasting Plasma Glucose(mg/dL)	2hrs Plasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)

Reference: Diabetes care 2018;41(suppl.1):S13-S27

- The random blood glucose if it is above 200 mg/dL and the patient has increased thirst, polyuria, and polyphagia, suggests diabetes mellitus.
- As a rule, two-hour glucose samples will reach the fasting level or it will be in the normal range.

*** End Of Report ***

Excellence In Health Care



Dr. Vaishnavi
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 MD BIOCHEMISTRY

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IMMUNOLOGY & SEROLOGY

FEVER PROFILE

Test Name	Results	Units	Biological Reference Interval
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

*** End Of Report ***



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DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST