

REPORT

Name	: Mr. H MADDILETI	Sample ID	: 24854306
Age/Gender	: 33 Years/Male	Reg. No	: 0312310140054
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 14-Oct-2023 06: 34 PM
Primary Sample	: Whole Blood	Received On	: 14-Oct-2023 10: 11 PM
Sample Tested In	: Serum	Reported On	: 14-Oct-2023 10: 35 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

FEVER PROFILE WITH CRP

Test Name	Results	Units	Ref. Range	Method
C-Reactive protein-(CRP)	6.16	mg/L	Upto:6.0	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



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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Sample Tested In	: Whole Blood EDTA	Reported On	: 14-Oct-2023 10:53 PM
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HAEMATOLOGY

FEVER PROFILE WITH CRP

Test Name	Results	Units	Ref. Range	Method
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MALARIA ANTIGEN (VIVAX & FALCIPARUM)

Plasmodium Vivax Antigen	Negative		Negative	Immuno Chromatography
Plasmodium Falciparum	Negative		Negative	Immuno Chromatography

Note :

- In the gametogony stage, P.Falciparum may not be 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.Vivax is utmost importance for better patient management and speedy recovery.



*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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DR.SWARNA BALA
MD PATHOLOGY

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HAEMATOLOGY

FEVER PROFILE WITH CRP

Test Name	Results	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb)	12.5	g/dL	13-17	Cynmeth Method
RBC Count	4.46	10 ¹² /L	4.5-5.5	Cell Impedance
Haematocrit (HCT)	37.6	%	40-50	Calculated
MCV	84	fl	81-101	Calculated
MCH	28.0	pg	27-32	Calculated
MCHC	33.2	g/dL	32.5-34.5	Calculated
RDW-CV	14.0	%	11.6-14.0	Calculated
Platelet Count (PLT)	206	10 ⁹ /L	150-410	Cell Impedance
Total WBC Count	4.0	10 ⁹ /L	4.0-10.0	Impedance
Neutrophils	48	%	40-70	Cell Impedance
Absolute Neutrophils Count	1.92	10 ⁹ /L	2.0-7.0	Impedance
Lymphocytes	40	%	20-40	Cell Impedance
Absolute Lymphocyte Count	1.6	10 ⁹ /L	1.0-3.0	Impedance
Monocytes	08	%	2-10	Microscopy
Absolute Monocyte Count	0.32	10 ⁹ /L	0.2-1.0	Calculated
Eosinophils	04	%	1-6	Microscopy
Absolute Eosinophils Count	0.16	10 ⁹ /L	0.02-0.5	Calculated
Basophils	0	%	1-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology				
WBC	Within normal limits.			
RBC	Normocytic normochromic blood picture			
Platelets	Adequate			Microscopy

Result rechecked and verified for abnormal cases

*** End Of Report ***

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HAEMATOLOGY

FEVER PROFILE WITH CRP

Test Name	Results	Units	Ref. Range	Method
Erythrocyte Sedimentation Rate (ESR)	8		10 or less	Westergren method

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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MD PATHOLOGY

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Name	: Mr. H MADDILETI	Sample ID	: 24854715
Age/Gender	: 33 Years/Male	Reg. No	: 0312310140054
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 14-Oct-2023 06:34 PM
Primary Sample	:	Received On	: 14-Oct-2023 10:12 PM
Sample Tested In	: Urine	Reported On	: 14-Oct-2023 11:26 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL PATHOLOGY

FEVER PROFILE WITH CRP

Test Name	Results	Units	Ref. Range	Method
Complete Urine Analysis (CUE)				
Physical Examination				
Colour	Pale Yellow		Straw to light amber	
Appearance	Clear		Clear	
Chemical Examination				
Glucose	Negative		Negative	Strip Reflectance
Protein	Absent		Negative	Strip Reflectance
Bilirubin (Bile)	Negative		Negative	Strip Reflectance
Urobilinogen	Negative		Negative	Ehrlichs reagent
Ketone Bodies	Negative		Negative	Strip Reflectance
Specific Gravity	1.020		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	6.5		5.0 - 8.5	Reagent strip Reflectance - Double indicator Principle
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	Negative		Negative	Reagent Strip Reflectance
Microscopic Examination (Microscopy)				
PUS(WBC) Cells	01-02	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	01-02	/hpf	00-05	Microscopic
Casts	Absent		Absent	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
Budding Yeast Cells	Nil		Absent	Microscopy
Others	-			Microscopic

Comments :

Urine analysis is one of the most useful laboratory tests as it identifies a wide range of medical conditions including renal damage, urinary tract infections, diabetes, hypertension and drug toxicity.

*** End Of Report ***

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IMMUNOLOGY & SEROLOGY

FEVER PROFILE WITH CRP

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	

Correlate Clinically.

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*** End Of Report ***



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