

REPORT

Name	: Master. TRINAY	Sample ID	: A0787303
Age/Gender	: 1 Years 1 Months 24 Days/Male	Reg. No	: 0312408220028
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	: 22-Aug-2024 12:18 PM
Primary Sample	: Whole Blood	Received On	: 22-Aug-2024 03:45 PM
Sample Tested In	: Serum	Reported On	: 22-Aug-2024 07:10 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
C-Reactive protein-(CRP)	1.23	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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Primary Sample	: Whole Blood	Received On	: 22-Aug-2024 03:45 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 22-Aug-2024 04:12 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

FEVER PROFILE

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 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 paraties are responsible for malaria infections in human viz. P.Falciparum, p.Vivax, P.Ovale & P.malariae. Falciparum infections are associateed 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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Swannabala - M
DR.SWARNA BALA
MD PATHOLOGY

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HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb)	12.0	g/dL	11-14.5	Cynmeth Method
RBC Count	4.64	10 ¹² /L	4.0-5.2	Cell Impedance
Haematocrit (HCT)	35.5	%	34-40	Calculated
MCV	77	fl	77-87	Calculated
MCH	25.8	pg	24-30	Calculated
MCHC	33.8	g/dL	31-37	Calculated
RDW-CV	13.8	%	11.6-14.0	Calculated
Platelet Count (PLT)	180	10 ⁹ /L	200-490	Cell Impedance
Total WBC Count	6.6	10 ⁹ /L	6.0-16.0	Impedance
Neutrophils	25	%	21-43	Cell Impedance
Absolute Neutrophils Count	1.65	10 ⁹ /L	1.3-7.5	Impedance
Lymphocytes	70	%	49-71	Cell Impedance
Absolute Lymphocyte Count	4.62	10 ⁹ /L	2.9-12.4	Impedance
Monocytes	03	%	1-9	Microscopy
Absolute Monocyte Count	0.2	10 ⁹ /L	0.1-1.6	Calculated
Eosinophils	02	%	0-7	Microscopy
Absolute Eosinophils Count	0.13	10 ⁹ /L	0.0-1.2	Calculated
Basophils	00	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-1.2	Calculated
Morphology				
WBC	Within Normal Limits			
RBC	Normocytic normochromic			
Platelets	Mild Thrombocytopenia			Microscopy

Result rechecked and verified for abnormal cases

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HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Ref. Range	Method
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Erythrocyte Sedimentation Rate (ESR)	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

FEVER PROFILE

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 ***



DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST