

REPORT

Name	: Master. MOHD AAHI	Sample ID	: A0933751
Age/Gender	: 4 Years/Male	Reg. No	: 0312408280015
Referred by	: Dr. VEERESHAM	SPP Code	: SPL-ST5-554
Referring Customer	: V CARE MEDICAL DIAGNOSTICS TS	Collected On	: 28-Aug-2024 11:18 AM
Primary Sample	: Whole Blood	Received On	: 28-Aug-2024 01:15 PM
Sample Tested In	: Serum	Reported On	: 28-Aug-2024 05:44 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)	0.4	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



Vaishnavi
DR.VAISHNAVI
MD BIOCHEMISTRY

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Referring Customer	: V CARE MEDICAL DIAGNOSTICS TS	Collected On	: 28-Aug-2024 11:18 AM
Primary Sample	: Whole Blood	Received On	: 28-Aug-2024 01:08 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 28-Aug-2024 05:02 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

REPORT

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Primary Sample	: Whole Blood	Received On	: 28-Aug-2024 01:08 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 28-Aug-2024 02:28 PM
Client Address	: Kimtee Colony ,Gokul Nagar,Tarnaka.	Report Status	: Final Report

HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb)	9.9	g/dL	11-14.5	Cynmeth Method
RBC Count	5.16	10 ¹² /L	4.0-5.2	Cell Impedance
Haematocrit (HCT)	31.8	%	34-40	Calculated
MCV	62	fl	77-87	Calculated
MCH	19.1	pg	24-30	Calculated
MCHC	31.1	g/dL	31-37	Calculated
RDW-CV	22.3	%	11.6-14.0	Calculated
Platelet Count (PLT)	175	10 ⁹ /L	200-490	Cell Impedance
Total WBC Count	15.3	10 ⁹ /L	5.0-15.0	Impedance
Neutrophils	50	%	23-52	Cell Impedance
Absolute Neutrophils Count	7.65	10 ⁹ /L	1.3-8.8	Impedance
Lymphocytes	40	%	40-69	Cell Impedance
Absolute Lymphocyte Count	6.12	10 ⁹ /L	2.2-11.7	Impedance
Monocytes	06	%	1-9	Microscopy
Absolute Monocyte Count	0.92	10 ⁹ /L	0.6-1.5	Calculated
Eosinophils	04	%	0-7	Microscopy
Absolute Eosinophils Count	0.61	10 ⁹ /L	0.0-0.5	Calculated
Basophils	00	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Atypical cells / Blasts	00	%		
Morphology				
WBC	Mild Leucocytosis			
RBC	Anisocytosis With Microcytic Hypochromic			
Platelets	Mild Thrombocytosis			Microscopy

Result rechecked and verified for abnormal cases

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Sample Tested In	: Whole Blood EDTA	Reported On	: 28-Aug-2024 04:12 PM
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HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Ref. Range	Method
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Erythrocyte Sedimentation Rate (ESR)	18	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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CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Bilirubin(Total)	0.5	mg/dL	0.1-1.2	Diazo
Bilirubin (Direct)	0.1	mg/dL	0.0 - 0.3	Diazo
Bilirubin (Indirect)	0.4	mg/dL	0.2-1.0	Calculated

Interpretation:

Bilirubin is a yellowish pigment found in bile, a fluid made by the liver.

Bilirubin is left after these older blood cells are removed. The liver helps break down bilirubin so that it can be removed from the body in the stool. A level of bilirubin in the blood of 2.0 mg/dL can lead to jaundice. Jaundice is a yellow color in the skin, mucus membranes, or eyes.

In newborns, bilirubin level is higher for the first few days of life. Your child's provider must consider the following when deciding whether your baby's bilirubin level is too high:

- How fast the level has been rising
- Whether the baby was born early
- The baby's age

Jaundice can also occur when more red blood cells than normal are broken down. This can be caused by:

- A blood disorder called erythroblastosis fetalis
- A red blood cell disorder called hemolytic anemia
- Transfusion reaction in which red blood cells that were given in a transfusion are destroyed by the person's immune system

Note: DPD(3,5-dichlorophenyldiazonium tetrafluoroborate)

Result rechecked and verified for abnormal cases

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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