

REPORT

Name	: Baby. THANISHKA	Sample ID	: 24854427
Age/Gender	: 4 Years/Female	Reg. No	: 0312310190032
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	: 19-Oct-2023 11:36 AM
Primary Sample	: Whole Blood	Received On	: 19-Oct-2023 03:06 PM
Sample Tested In	: Serum	Reported On	: 19-Oct-2023 05:51 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)	31.97	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	: 19-Oct-2023 03:06 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 19-Oct-2023 03:55 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 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.



*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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Swarnabala . M
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)	11.7	g/dL	11-14.5	Cynmeth Method
RBC Count	4.42	10 ¹² /L	4.0-5.2	Cell Impedence
Haematocrit (HCT)	33.1	%	34-40	Calculated
MCV	75	fl	77-87	Calculated
MCH	26.4	pg	24-30	Calculated
MCHC	35.3	g/dL	31-37	Calculated
RDW-CV	14.1	%	11.6-14.0	Calculated
Platelet Count (PLT)	313	10 ⁹ /L	200-490	Cell Impedence
Total WBC Count	15.2	10 ⁹ /L	5.0-15.0	Impedence
Neutrophils	70	%	23-52	Cell Impedence
Absolute Neutrophils Count	10.64	10 ⁹ /L	1.3-8.8	Impedence
Lymphocytes	20	%	40-69	Cell Impedence
Absolute Lymphocyte Count	3.04	10 ⁹ /L	2.2-11.7	Impedence
Monocytes	06	%	1-9	Microscopy
Absolute Monocyte Count	0.91	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	0	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology				
WBC	Mild Neutrophilic Leucocytosis.			
RBC	Normocytic normochromic			
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)	15		3-13	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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DR.SWARNA BALA
MD PATHOLOGY

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Name	: Baby. THANISHKA	Sample ID	: 24854425
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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 19-Oct-2023 11:36 AM
Primary Sample	:	Received On	: 19-Oct-2023 02:58 PM
Sample Tested In	: Urine	Reported On	: 19-Oct-2023 03:27 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	HAZY		Clear	
Chemical Examination				
Glucose	Negative		Negative	Strip Reflectance
Protein	(+)		Negative	Strip Reflectance
Bilirubin (Bile)	Negative		Negative	Strip Reflectance
Urobilinogen	Negative		Negative	Ehrlichs reagent
Ketone Bodies	Negative		Negative	Strip Reflectance
Specific Gravity	1.015		1.000 - 1.030	Strip Reflectance
Blood	Trace		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.	02-03	/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.

Result rechecked and verified for abnormal cases

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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 ***



DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST