

REPORT

Name	: Baby. SAMISHKA	Sample ID	: A0093589
Age/Gender	: 9 Years/Female	Reg. No	: 0312402290023
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	: 29-Feb-2024 01:38 PM
Primary Sample	: Whole Blood	Received On	: 29-Feb-2024 04:25 PM
Sample Tested In	: Serum	Reported On	: 29-Feb-2024 06:19 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)	14.39	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	: 29-Feb-2024 04:24 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 29-Feb-2024 06:24 PM
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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.



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)	13.8	g/dL	11.5-15.5	Cynmeth Method
RBC Count	5.22	10 ¹² /L	4.5-5.5	Cell Impedence
Haematocrit (HCT)	42.1	%	35-45	Calculated
MCV	81	fl	77-95	Calculated
MCH	26.4	pg	25-33	Calculated
MCHC	32.7	g/dL	31-37	Calculated
RDW-CV	13.0	%	11.6-14.0	Calculated
Platelet Count (PLT)	286	10 ⁹ /L	170-450	Cell Impedance
Total WBC Count	19.7	10 ⁹ /L	5.0-13.0	Impedance
Neutrophils	87	%	43-64	Cell Impedance
Absolute Neutrophils Count	17.14	10 ⁹ /L	1.9-8.6	Impedance
Lymphocytes	09	%	25-48	Cell Impedance
Absolute Lymphocyte Count	1.77	10 ⁹ /L	1.3-6.6	Impedance
Monocytes	02	%	0-9	Microscopy
Absolute Monocyte Count	0.39	10 ⁹ /L	0.0- 1.2	Calculated
Eosinophils	02	%	0-7	Microscopy
Absolute Eosinophils Count	0.39	10 ⁹ /L	0.0-1.0	Calculated
Basophils	0	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology				
WBC	Neutrophilic Leucocytosis with mild left shift			
RBC	Normocytic normochromic			
Platelets	Adequate.			Microscopy
Erythrocyte Sedimentation Rate (ESR)	6		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.



Swarnabala - M
DR. SWARNA BALA
MD PATHOLOGY

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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 29-Feb-2024 01:38 PM
Primary Sample	:	Received On	: 29-Feb-2024 04:25 PM
Sample Tested In	: Urine	Reported On	: 29-Feb-2024 06:09 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL PATHOLOGY

FEVER PROFILE

Test Name	Results	Units	Ref. Range	Method
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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	1.010	1.000 - 1.030	Strip Reflectance
Blood	Negative	Negative	Strip Reflectance
Reaction (pH)	6.0	5.0 - 8.5	Reagent Strip Reflectance
Nitrites	Negative	Negative	Strip Reflectance
Leukocyte esterase	Negative	Negative	Reagent Strip Reflectance

Microscopic Examination (Microscopy)

PUS(WBC) Cells	03-04	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	01-02	/hpf	00-05	Microscopic
Casts	Absent	Absent	Absent	Microscopic
Crystals	Absent	Absent	Absent	Microscopic
Bacteria	Nil	Nil	Nil	
Budding Yeast Cells	Nil	Absent	Absent	Microscopy

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



Swarnabala - M
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MD PATHOLOGY

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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