

REPORT

Name	: Baby. P ARIANNA	Sample ID	: A0644007
Age/Gender	: 7 Years/Female	Reg. No	: 0312407150061
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	: 15-Jul-2024 10:18 PM
Primary Sample	: Whole Blood	Received On	: 15-Jul-2024 11:16 PM
Sample Tested In	: Serum	Reported On	: 15-Jul-2024 11:53 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)	28.79	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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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Jul-2024 10:18 PM
Primary Sample	: Whole Blood	Received On	: 15-Jul-2024 11:05 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 15-Jul-2024 11:15 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 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.

Result rechecked and verified for abnormal cases

*** End Of Report ***

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Swannabala - M
DR.SWARNA BALA
MD PATHOLOGY

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Primary Sample	: Whole Blood	Received On	: 15-Jul-2024 11:05 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 15-Jul-2024 11:14 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)	12.5	g/dL	11.5-15.5	Cynmeth Method
RBC Count	4.74	10 ¹² /L	3.8-4.8	Cell Impedance
Haematocrit (HCT)	35.0	%	35-45	Calculated
MCV	74	fl	77-95	Calculated
MCH	26.3	pg	25-33	Calculated
MCHC	35.6	g/dL	31-37	Calculated
RDW-CV	12.7	%	11.6-14.0	Calculated
Platelet Count (PLT)	175	10 ⁹ /L	170-450	Cell Impedance
Total WBC Count	5.8	10 ⁹ /L	5.0-13.0	Impedance
Neutrophils	52	%	41-63	Cell Impedance
Absolute Neutrophils Count	3.02	10 ⁹ /L	1.9-9.1	Impedance
Lymphocytes	40	%	25-48	
Absolute Lymphocyte Count	2.32	10 ⁹ /L	1.3-7.5	Impedance
Monocytes	05	%	0-9	Microscopy
Absolute Monocyte Count	0.29	10 ⁹ /L	0.0- 1.2	Calculated
Eosinophils	03	%	0-7	Microscopy
Absolute Eosinophils Count	0.17	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
Atypical cells / Blasts	0	%		
Morphology				
WBC	Within Normal Limits			
RBC	Normocytic normochromic			
Platelets	Adequate.			Microscopy

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Primary Sample	: Whole Blood	Received On	: 15-Jul-2024 11:05 PM
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HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Ref. Range	Method
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Erythrocyte Sedimentation Rate (ESR)	15	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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Primary Sample	:	Received On	: 15-Jul-2024 11:16 PM
Sample Tested In	: Urine	Reported On	: 15-Jul-2024 11:42 PM
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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	Trace	Negative	Ehrlichs reagent
Ketone Bodies	Trace	Negative	Strip Reflectance
Specific Gravity	1.025	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	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
Budding Yeast Cells	Nil		Absent	Microscopy

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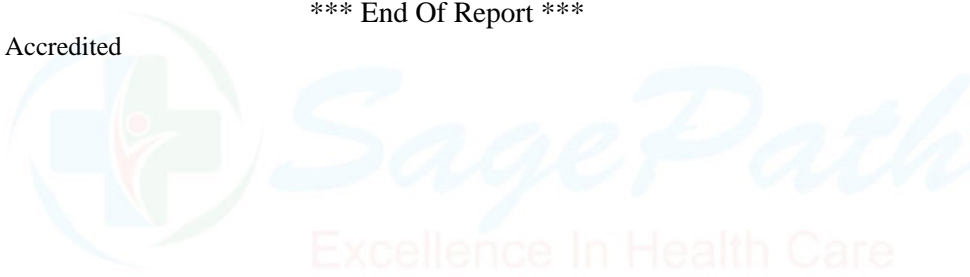
IMMUNOLOGY & SEROLOGY

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	

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DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

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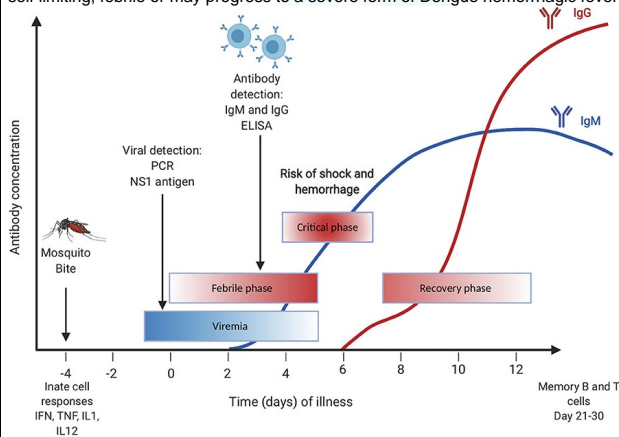
IMMUNOLOGY & SEROLOGY

Test Name	Results	Units	Ref. Range	Method
Dengue IgM Antibody	0.22	S/CO	< 0.8 : Negative 0.8-1.1 : Equivocal ≥ 1.1 : Positive	ELISA

Interpretation:

Result	Interpretation
Negative	No detectable IgM antibody. Result does not rule out Dengue infection. Additional sample to be tested after 7-14 days if infection is suspected.
Equivocal	Retesting advised.
Positive	IgM antibody detected. Suggestive of Primary / Secondary Dengue Infection.

Dengue viruses belong to the family Flaviviridae and have 4 subtypes (1-4). Dengue virus is transmitted by the mosquito *Aedes aegypti* and *Aedes albopictus*, widely distributed in Tropical and Subtropical areas of the world. Dengue is considered to be the most important arthropod borne viral disease due to the human morbidity and mortality it causes. The disease may be subclinical, self limiting, febrile or may progress to a severe form of Dengue hemorrhagic fever or Dengue shock syndrome.



- Note:**
1. Recommended test is NS1 Antigen by ELISA in the first 5 days of fever. After 7-10 days of fever, the recommended test is Dengue fever antibodies IgG & IgM by ELISA
 2. Cross reactivity is seen in the Flavivirus group between Dengue virus, Murray Valley encephalitis, Japanese encephalitis, Yellow fever & West Nile viruses

Correlate Clinically.

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*** End Of Report ***



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