

REPORT

Name	: Baby. AMAIRA FATHIMA	Sample ID	: A0643751
Age/Gender	: 7 Months 11 Days/Female	Reg. No	: 0312407040073
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	: 04-Jul-2024 07:24 PM
Primary Sample	: Whole Blood	Received On	: 04-Jul-2024 10:58 PM
Sample Tested In	: Serum	Reported On	: 05-Jul-2024 12:11 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
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C-Reactive protein-(CRP)	14.74	mg/L	Upto:6.0	Immunoturbidimetry
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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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HAEMATOLOGY

VCARE FEVER PROFILE-1

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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Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

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HAEMATOLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb)	10.9	g/dL	11.1-14.1	Cynmeth Method
RBC Count	4.39	10 ¹² /L	3.9-5.1	Cell Impedance
Haematocrit (HCT)	30.7	%	30-38	Calculated
MCV	70	fl	72-84	Calculated
MCH	24.8	pg	25-29	Calculated
MCHC	35.5	g/dL	32-36	Calculated
RDW-CV	13.8	%	11.6-14.0	Calculated
Platelet Count (PLT)	508	10 ⁹ /L	200-550	Cell Impedance
Total WBC Count	11.8	10 ⁹ /L	6.0-16.0	Impedance
Neutrophils	67	%	21-42	Cell Impedance
Absolute Neutrophils Count	7.91	10 ⁹ /L	1.3-7.4	Impedance
Lymphocytes	27	%	51-71	Cell Impedance
Absolute Lymphocyte Count	3.19	10 ⁹ /L	3.1-12.4	Impedance
Monocytes	03	%	1-9	Microscopy
Absolute Monocyte Count	0.35	10 ⁹ /L	0.1-1.6	Calculated
Eosinophils	03	%	0-7	Microscopy
Absolute Eosinophils Count	0.35	10 ⁹ /L	0.0-1.2	Calculated
Basophils	0	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-1.2	Calculated
Atypical cells / Blasts	0	%		
Morphology				
WBC	Neutrophilia			
RBC	Normocytic normochromic			
Platelets	Adequate.			Microscopy

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Erythrocyte Sedimentation Rate (ESR)	17	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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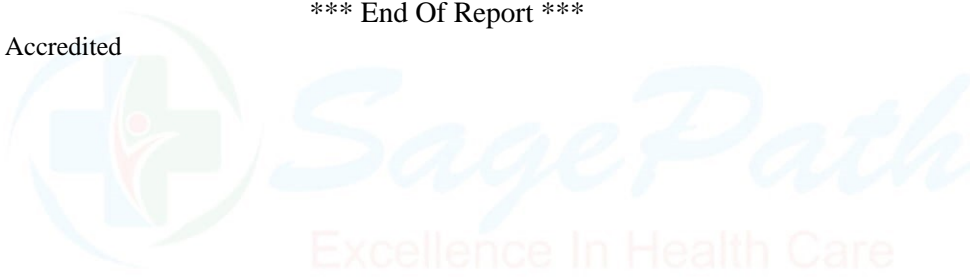
IMMUNOLOGY & SEROLOGY

VCARE FEVER PROFILE-1

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

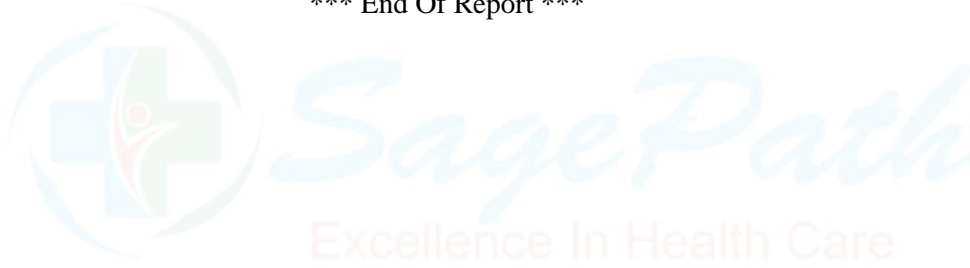
VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
Dengue NS1 Antigen	0.44	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive	ELISA

Correlate Clinically.

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*** End Of Report ***



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