

**REPORT**

Name	: Master. MAHITH SATHYA	Sample ID	: A0934195
Age/Gender	: 8 Years/Male	Reg. No	: 0312409110069
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	: 11-Sep-2024 10:26 PM
Primary Sample	: Whole Blood	Received On	: 11-Sep-2024 11:08 PM
Sample Tested In	: Serum	Reported On	: 12-Sep-2024 12:26 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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<b>C-Reactive protein-(CRP)</b>	0.3	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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Sample Tested In	: Whole Blood EDTA	Reported On	: 11-Sep-2024 11:33 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**HAEMATOLOGY**

**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
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<b>Blood Grouping (A B O)</b>	B			Tube Agglutination
<b>Rh Typing</b>	Positive			Tube Agglutination

**Comments:**

Blood group ABO & Rh test identifies your blood group & type of Rh factor. There are four major blood groups- A, B, AB, and O. It is important to know your blood group as you may need a transfusion of blood or blood components; you may want to donate your blood ; before or during a woman's pregnancy to determine the risk of Rh mismatch with the fetus.

**Note:** Both Forward and Reverse Grouping Performed .

**MALARIA ANTIGEN (VIVAX & FALCIPARUM)**

<b>Plasmodium Vivax Antigen</b>	Negative	Negative	Immuno Chromatography
<b>Plasmodium Falciparum</b>	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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Swarnabala - M  
DR.SWARNA BALA  
MD PATHOLOGY

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**HAEMATOLOGY**

**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
<b>COMPLETE BLOOD COUNT (CBC)</b>				
Haemoglobin (Hb)	12.9	g/dL	11.5-15.5	Cynmeth Method
RBC Count	4.85	10 <sup>12</sup> /L	4.5-5.5	Cell Impedance
Haematocrit (HCT)	37.7	%	35-45	Calculated
MCV	78	fl	77-95	Calculated
MCH	26.7	pg	25-33	Calculated
MCHC	34.3	g/dL	31-37	Calculated
RDW-CV	<b>14.5</b>	%	11.6-14.0	Calculated
Platelet Count (PLT)	256	10 <sup>9</sup> /L	170-450	Cell Impedance
Total WBC Count	<b>4.6</b>	10 <sup>9</sup> /L	5.0-13.0	Impedance
Neutrophils	60	%	41-63	Cell Impedance
Absolute Neutrophils Count	2.76	10 <sup>9</sup> /L	1.9-9.1	Impedance
Lymphocytes	30	%	25-48	Cell Impedance
Absolute Lymphocyte Count	1.38	10 <sup>9</sup> /L	1.0-6.2	Impedance
Monocytes	06	%	0-9	Microscopy
Absolute Monocyte Count	0.28	10 <sup>9</sup> /L	0.0- 1.2	Calculated
Eosinophils	04	%	0-7	Microscopy
Absolute Eosinophils Count	0.18	10 <sup>9</sup> /L	0.0-1.0	Calculated
Basophils	00	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 <sup>9</sup> /L	0.0-0.3	Calculated
Atypical cells / Blasts	00	%		
<b>Morphology</b>				
WBC	Mild Leucopenia			
RBC	Anisocytosis With Normocytic normochromic			
Platelets	Adequate.			Microscopy

Result rechecked and verified for abnormal cases

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**HAEMATOLOGY**

**VCARE FEVER PROFILE-1**

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<b>Erythrocyte Sedimentation Rate (ESR)</b>	7	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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MD PATHOLOGY

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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Sep-2024 10:26 PM
Primary Sample	:	Received On	: 11-Sep-2024 11:08 PM
Sample Tested In	: Urine	Reported On	: 11-Sep-2024 11:31 PM
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**CLINICAL PATHOLOGY**

**VCARE FEVER PROFILE-1**

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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)	5.5	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	02-03	/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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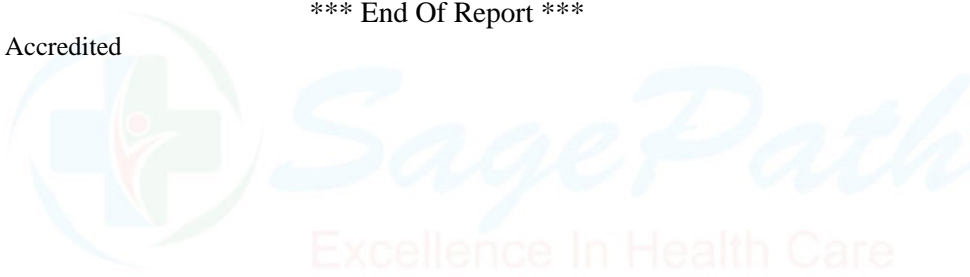
**IMMUNOLOGY & SEROLOGY**

**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
<b>Widal Test (Slide Test)</b>				
Salmonella typhi O Antigen	1:160		1:80 & Above Significant	
Salmonella typhi H Antigen	1:80		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**

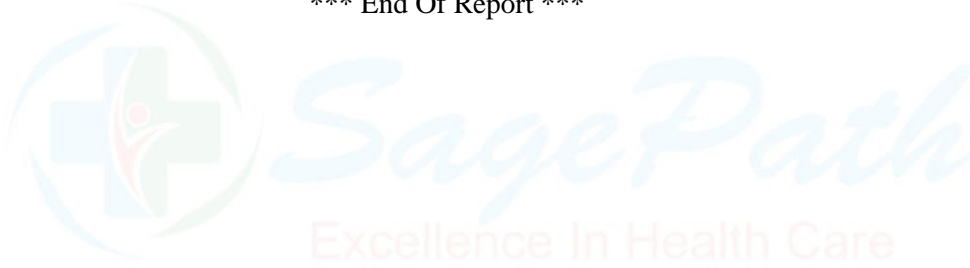
**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
<b>Dengue NS1 Antigen</b>	0.23	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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