

**REPORT**

Name	: Master. SYED AARIZ	Sample ID	: 24854871
Age/Gender	: 14 Years/Male	Reg. No	: 0312310280026
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	: 28-Oct-2023 11: 17 AM
Primary Sample	: Whole Blood	Received On	: 28-Oct-2023 12: 33 PM
Sample Tested In	: Serum	Reported On	: 28-Oct-2023 03: 37 PM
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>	1.14	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



*Dr. Vaishnavi*  
**DR. VAISHNAVI**  
**MD BIOCHEMISTRY**

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Primary Sample	: Whole Blood	Received On	: 28-Oct-2023 12: 33 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 28-Oct-2023 01: 39 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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**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 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**

**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
<b>COMPLETE BLOOD COUNT (CBC)</b>				
Haemoglobin (Hb)	13.7	g/dL	13-17	Cynmeth Method
RBC Count	5.49	10 <sup>12</sup> /L	4.5-5.5	Cell Impedence
Haematocrit (HCT)	41.7	%	40-50	Calculated
MCV	76	fl	81-101	Calculated
MCH	24.9	pg	27-32	Calculated
MCHC	32.8	g/dL	32.5-34.5	Calculated
RDW-CV	13.6	%	11.6-14.0	Calculated
Platelet Count (PLT)	249	10 <sup>9</sup> /L	150-410	Cell Impedence
Total WBC Count	2.9	10 <sup>9</sup> /L	4.0-10.0	Impedence
Neutrophils	52	%	40-70	Cell Impedence
Absolute Neutrophils Count	1.51	10 <sup>9</sup> /L	2.0-7.0	Impedence
Lymphocytes	40	%	20-40	Cell Impedence
Absolute Lymphocyte Count	1.16	10 <sup>9</sup> /L	1.0-3.0	Impedence
Monocytes	06	%	2-10	Microscopy
Absolute Monocyte Count	0.17	10 <sup>9</sup> /L	0.2-1.0	Calculated
Eosinophils	02	%	1-6	Microscopy
Absolute Eosinophils Count	0.06	10 <sup>9</sup> /L	0.02-0.5	Calculated
Basophils	0	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 <sup>9</sup> /L	0.0-0.3	Calculated
<b>Morphology</b>				
WBC	mild Leucopenia			
RBC	Normocytic normochromic blood picture.			
Platelets	Adequate.			Microscopy

Result rechecked and verified for abnormal cases

\*\*\* End Of Report \*\*\*

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**HAEMATOLOGY**

**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
<b>Erythrocyte Sedimentation Rate (ESR)</b>	11		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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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-Oct-2023 11: 17 AM
Primary Sample	:	Received On	: 28-Oct-2023 12: 27 PM
Sample Tested In	: Urine	Reported On	: 28-Oct-2023 02: 55 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL PATHOLOGY**

**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
<b>Complete Urine Analysis (CUE)</b>				
<b>Physical Examination</b>				
Colour	Pale Yellow		Straw to light amber	
Appearance	HAZY		Clear	
<b>Chemical Examination</b>				
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	1.025		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	6.0		5.0 - 8.5	Reagent strip Reflectance - Double indicator Principle
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	Negative		Negative	Reagent Strip Reflectance
<b>Microscopic Examination (Microscopy)</b>				
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
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.

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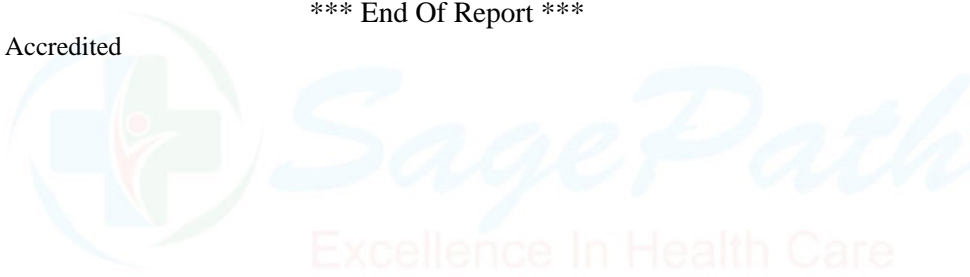
**IMMUNOLOGY & SEROLOGY**

**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
<b>Widal Test (Slide Test)</b>				
Salmonella typhi O Antigen	<1:20		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**

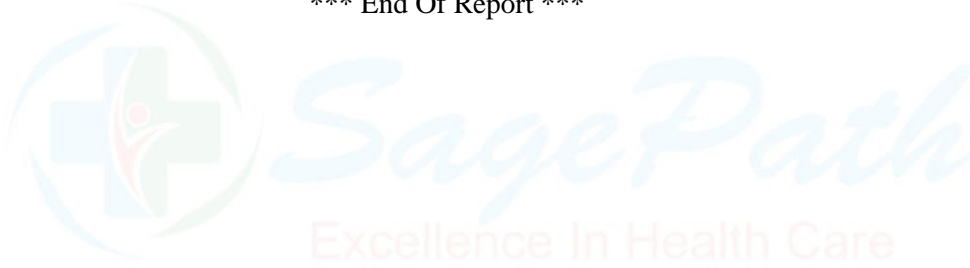
**VCARE FEVER PROFILE-1**

Test Name	Results	Units	Ref. Range	Method
Dengue NS1 Antigen	0.22	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive	ELISA

Correlate Clinically.

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