



Lab Address:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg. No. SAPALAPVLHT (Covid -19)

: A0094182

## REPORT

Sample ID

Name : Mr. RAM REDDY

Age/Gender : 32 Years/Male Reg. No : 0312403290028

Referred by : Dr. SELF SPP Code : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 29-Mar-2024 11:31 AM

Primary Sample : Whole Blood Received On : 29-Mar-2024 12:57 PM Sample Tested In : Serum Reported On : 29-Mar-2024 07:04 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

### **CLINICAL BIOCHEMISTRY**

#### **VCARE FEVER PROFILE-2**

Test Name Results Units Ref. Range Method

C-Reactive protein-(CRP) 48.37 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

Excellence in Health Care







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## REPORT

Name : Mr. RAM REDDY

Age/Gender : 32 Years/Male

Referred by : Dr. SELF

Referring Customer: V CARE MEDICAL DIAGNOSTICS

Primary Sample : Whole Blood

Sample Tested In : Whole Blood EDTA

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Sample ID : A0094183

Reg. No : 0312403290028

SPP Code : SPL-CV-172

Collected On : 29-Mar-2024 11:31 AM

Received On : 29-Mar-2024 12:33 PM

Reported On : 29-Mar-2024 05:37 PM

Report Status : Final Report

#### **HAEMATOLOGY**

#### **VCARE FEVER PROFILE-2**

**Test Name** Results Units Ref. Range Method

#### **MALARIA ANTIGEN (VIVAX & FALCIPARUM)**

**Plasmodium Vivax Antigen** Negative Negative Immuno Chromatography Plasmodium Falciparum

Negative Negative Immuno Chromatography

- 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 posibility of a resistant strain of malaria

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.







Swarnabala-M DR.SWARNA BALA MD PATHOLOGY



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Name : Mr. RAM REDDY : A0094183
Age/Gender : 32 Years/Male Reg. No : 0312403290028
Referred by : Dr. SELF SPP Code : SPL-CV-172
Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 29-Mar-2024 11:3

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 29-Mar-2024 11:31 AM
Primary Sample : Whole Blood Received On : 29-Mar-2024 12:33 PM
Sample Tested In : Whole Blood EDTA Reported On : 29-Mar-2024 05:37 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

#### **HAEMATOLOGY**

	VCARE FEVER PROFILE-2				
Test Name	Results	Units	Ref. Range	Method	
COMPLETE BLOOD COUNT (CBC)					
Haemoglobin (Hb)	15.9	g/dL	13-17	Cynmeth Method	
RBC Count	5.36	10^12/L	4.5-5.5	Cell Impedence	
Haematocrit (HCT)	48.8	%	40-50	Calculated	
MCV	91	fl	81-101	Calculated	
MCH	29.6	pg	27-32	Calculated	
MCHC	32.5	g/dL	32.5-34.5	Calculated	
RDW-CV	14.6	%	11.6-14.0	Calculated	
Platelet Count (PLT)	262	10^9/L	150-410	Cell Impedance	
Total WBC Count	7.8	10^9/L	4.0-10.0	Impedance	
Neutrophils	66	%	40-70	Cell Impedence	
Absolute Neutrophils Count	5.15	10^9/L	2.0-7.0	Impedence	
Lymphocytes	28	%	20-40	Cell Impedence	
Absolute Lymphocyte Count	2.18	10^9/L	1.0-3.0	Impedence	
Monocytes	03	%	2-10	Microscopy	
Absolute Monocyte Count	0.23	10^9/L	0.2-1.0	Calculated	
Eosinophils	03	%	1-6	Microscopy	
Absolute Eosinophils Count	0.23	10^9/L	0.02-0.5	Calculated	
Basophils	0	%	1-2	Microscopy	
Absolute Basophil ICount	0.00	10^9/L	0.0-0.3	Calculated	
Atypical cells / Blasts	0	%			
<u>Morphology</u>					
WBC	Within norr	nal limits.			
RBC	Normocytic	c normochromic	blood picture		



**Platelets** 





Adequate

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Microscopy



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## REPORT

Name : Mr. RAM REDDY

Age/Gender : 32 Years/Male Referred by : Dr. SELF

Referring Customer : V CARE MEDICAL DIAGNOSTICS

Primary Sample : Whole Blood

Sample Tested In : Whole Blood EDTA

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka

Sample ID : A0094183

Reg. No : 0312403290028

SPP Code : SPL-CV-172

Collected On : 29-Mar-2024 11:31 AM

Received On : 29-Mar-2024 12:33 PM

Reported On : 29-Mar-2024 05:37 PM

Report Status : Final Report

#### **HAEMATOLOGY**

#### **VCARE FEVER PROFILE-2**

Test Name Results Units Ref. Range Method

Erythrocyte Sedimentation Rate (ESR) 12 10 or less 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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## REPORT

Name : Mr. RAM REDDY Sample ID : A0094184, A0094182 Age/Gender : 32 Years/Male Reg. No : 0312403290028 Referred by SPP Code : Dr. SELF : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 29-Mar-2024 11:31 AM Primary Sample : Whole Blood Received On : 29-Mar-2024 12:57 PM

Sample Tested In : Plasma-NaF(R), Serum Reported On : 29-Mar-2024 07:04 PM Client Address : Kimtee colony ,Gokul Nagar,Tarnaka : Final Report

Report Status

### **CLINICAL BIOCHEMISTRY**

#### **VCARE FEVER PROFILE-2**

**Test Name Results Units** Ref. Range Method

Glucose Random (RBS) 121 mg/dL 70-140 Hexokinase (HK)

Interpretation of Plasma Glucose based on ADA guidelines 2018

IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	1	>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

- The random blood glucose if it is above 200 mg/dL and the patient has increased thirst, polyuria, and polyphagia, suggests diabetes mellitus.
- As a rule, two-hour glucose samples will reach the fasting level or it will be in the normal range.

#### **Liver Function Test (LFT)**

Bilirubin(Total)	0.6	mg/dL	0.3-1.2	Diazo
Bilirubin (Direct)	0.1	mg/dL	0.0 - 0.5	Diazo
Bilirubin (Indirect)	0.5	mg/dL	0.2-1.0	Calculated
Aspartate Aminotransferase (AST/SGOT)	255	U/L	5-40	IFCC with out (P-5-P)
Alanine Aminotransferase (ALT/SGPT)	190	U/L	0-55	IFCC with out (P-5-P)
Alkaline Phosphatase(ALP)	87	U/L	40-150	Kinetic PNPP-AMP
Gamma Glutamyl Transpeptidase (GGTP)	330	U/L	15-85	IFCC
Protein - Total	8.2	g/dL	6.4-8.2	Biuret
Albumin	4.2	g/dL	3.4-5.0	Bromocresol purple (BCP)
Globulin	4	g/dL	2.0-4.2	Calculated
A:G Ratio	1.05	%	0.8-2.0	Calculated
SGOT/SGPT Ratio	1.34			













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### REPORT

Name : Mr. RAM REDDY Sample ID : A0093975

Age/Gender : 32 Years/Male Reg. No : 0312403290028 : Dr. SELF SPP Code

Referred by : SPL-CV-172

: V CARE MEDICAL DIAGNOSTICS Referring Customer Collected On : 29-Mar-2024 11:31 AM Primary Sample Received On : 29-Mar-2024 12:57 PM

Sample Tested In : Urine Reported On 29-Mar-2024 03:21 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status Final Report

#### **CLINICAL PATHOLOGY**

## **VCARE FEVER PROFILE-2**

**Test Name** Results **Units** Ref. Range Method

#### **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 Strip Reflectance Negative Bilirubin (Bile) Negative Negative Strip Reflectance Urobilinogen Negative Negative Ehrlichs reagent Ketone Bodies Negative Negative Strip Reflectance Specific Gravity 1.020 1.000 - 1.030 Strip Reflectance Negative Blood Negative Strip Reflectance 6.5 5.0 - 8.5Reaction (pH) Reagent Strip Reflectance

**Nitrites** Negative Negative Strip Reflectance

Negative Negative Reagent Strip Reflectance Leukocyte esterase

#### 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

Nil **Budding Yeast Cells** Absent Microscopy

Result rechecked and verified for abnormal cases

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

Laboratory is NABL Accredited







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: Serum

Sample Tested In

# Sagepath Labs Pvt. Ltd.

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: 29-Mar-2024 06:23 PM

## REPORT

Name : Mr. RAM REDDY Sample ID : A0094182 Age/Gender : 32 Years/Male : 0312403290028 Reg. No Referred by SPP Code : Dr. SELF : SPL-CV-172 Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 29-Mar-2024 11:31 AM Primary Sample : Whole Blood Received On : 29-Mar-2024 12:57 PM

Client Address : Kimtee colony , Gokul Nagar, Tarnaka Report Status : Final Report

### **IMMUNOLOGY & SEROLOGY**

Reported On

<b>VCARE</b>	<b>FEVER</b>	PROF	LE-2
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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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Sample Tested In : Serum Received On : 29-Mar-2024 12:57 PM Reported On : 29-Mar-2024 06:23 PM

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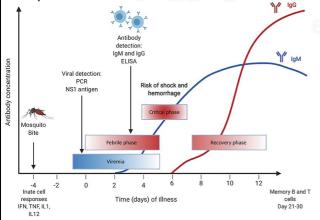
#### **IMMUNOLOGY & SEROLOGY**

#### **VCARE FEVER PROFILE-2**

Test Name	Results	Units	Ref. Range	Method
Dengue Profile-Elisa				
Dengue IgG Antibody	1.36	S/CO	< 0.8 : Negative 0.8-1.1 : Equivocal ≥ 1.1 : Positive	ELISA
Dengue IgM Antibody	0.20	S/CO	< 0.8 : Negative 0.8-1.1 : Equivocal ≥ 1.1 : Positive	ELISA
Dengue NS1 Antigen	0.30	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive	ELISA

#### Interpretation:

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







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

DR. RUTURAJ MANIKLAL KOLHAPURE MD, MICROBIOLOGIST Correlate Clinically.

Result rechecked and verified for abnormal cases Laboratory is NABL Accredited