

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

REPORT						
Name	: Mr. SAI KUMAR	Sample ID	: A0933597			
Age/Gender	: 31 Years/Male	Reg. No	: 0312408260075			
Referred by	: Dr. VARA SUBRAMANYAM	SPP Code	: SPL-CV-172			
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Aug-2024 09:18 PM			
Primary Sample	: Whole Blood	Received On	: 26-Aug-2024 11:15 PM			
Sample Tested In	: Serum	Reported On	: 27-Aug-2024 12:33 AM			
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report			

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CLINICAL BIOCHEMISTRY					
Test Name Results Units Ref. Range Method					
C-Reactive protein-(CRP)	4.8	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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Referred by	: Dr. VARA SUBRAMANYAM	SPP Code	: SPL-CV-172		
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Aug-2024 09:18 PM		
Primary Sample	: Whole Blood	Received On	: 26-Aug-2024 11:08 PM		
Sample Tested In	: Whole Blood EDTA	Reported On	: 27-Aug-2024 12:01 AM		
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report		

HAEMATOLOGY								
FEVER PROFILE								
Test Name Results Units Ref. Range Method								
MALARIA ANTIGEN (VIVAX & FALC	IPARUM)							
Plasmodium Vivax Antigen	· · ·							

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 posibility 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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REPORT					
Name	: Mr. SAI KUMAR	Sample ID	: A0933598		
Age/Gender	: 31 Years/Male	Reg. No	: 0312408260075		
Referred by	: Dr. VARA SUBRAMANYAM	SPP Code	: SPL-CV-172		
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Aug-2024 09:18 PM		
Primary Sample	: Whole Blood	Received On	: 26-Aug-2024 11:08 PM		
Sample Tested In	: Whole Blood EDTA	Reported On	: 26-Aug-2024 11:31 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) g/dL Cynmeth Method 13.8 13-17 **RBC Count** 5.23 10^12/L Cell Impedence 4.5-5.5 Haematocrit (HCT) 45.6 % 40-50 Calculated MCV 87 fl 81-101 Calculated MCH 27.6 27-32 Calculated pg MCHC 32.5 g/dL 32.5-34.5 Calculated **RDW-CV** Calculated % 11.6-14.0 13.8 Platelet Count (PLT) 257 10^9/L 150-410 Cell Impedance **Total WBC Count** 10^9/L 4.0-10.0 3.8 Impedance **Neutrophils** 70 % 40-70 Cell Impedence 10^9/L **Absolute Neutrophils Count** 2.66 2.0-7.0 Impedence 25 % 20-40 Cell Impedence Lymphocytes Absolute Lymphocyte Count 0.95 10^9/L 1.0-3.0 Impedence 03 % 2-10 Microscopy Monocytes 10^9/L **Absolute Monocyte Count** 0.11 0.2-1.0 Calculated **Eosinophils** 02 % 1-6 Microscopy 0.08 **Absolute Eosinophils Count** 10^9/L 0.02-0.5 Calculated **Basophils** 00 % 1-2 Microscopy **Absolute Basophil ICount** 0.00 10^9/L 0.0-0.3 Calculated Atypical cells / Blasts 00 % Morphology WBC Mild Leucopenia RBC Normocytic normochromic **Platelets** Adequate. Microscopy Result rechecked and verified for abnormal cases *** End Of Report ***

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Erythrocyte Sedimentation Rate (ESR)

Sagepath Labs Pvt. Ltd.

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

Westergren method

REPORT					
Name	: Mr. SAI KUMAR	Sample ID	: A0933598		
Age/Gender	: 31 Years/Male	Reg. No	: 0312408260075		
Referred by	: Dr. VARA SUBRAMANYAM	SPP Code	: SPL-CV-172		
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Aug-2024 09:18 PM		
Primary Sample	: Whole Blood	Received On	: 26-Aug-2024 11:08 PM		
Sample Tested In	: Whole Blood EDTA	Reported On	: 27-Aug-2024 12:13 AM		
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report		
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report		

HAEMATOLOGY						
FEVER PROFILE						
Test Name	Test Name Results Units Ref. Range Method					

mm/hr

10 or less

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.

7



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REPORT							
Name	: Mr. SAI KUMAR	Sample ID	: A0933597, A0933600				
Age/Gender	: 31 Years/Male	Reg. No	: 0312408260075				
Referred by	: Dr. VARA SUBRAMANYAM	SPP Code	: SPL-CV-172				
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Aug-2024 09:18 PM				
Primary Sample	: Whole Blood	Received On	: 26-Aug-2024 11:15 PM				
Sample Tested In	: Serum, Plasma-NaF(R)	Reported On	: 27-Aug-2024 12:16 AM				
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report				

CLINICAL BIOCHEMISTRY GLUCOSE RANDOM (RBS) Test Name Results Units Ref. Range Method **Bilirubin(Total)** 0.6 mg/dL 0.1-1.2 Diazo **Bilirubin (Direct)** 0.1 mg/dL 0.0 - 0.3 Diazo **Bilirubin (Indirect)** 0.5 0.2-1.0 Calculated mg/dL

Interpretation:

Bilirubin is a yellowish pigment found in bile, a fluid made by the liver.

Bilirubin is left after these older blood cells are removed. The liver helps break down bilirubin so that it can be removed from the body in the stool. A level of bilirubin in the blood of 2.0 mg/dL can lead to jaundice. Jaundice is a yellow color in the skin, mucus membranes, or eyes.

In newborns, bilirubin level is higher for the first few days of life. Your child's provider must consider the following when deciding whether your baby's bilirubin level is too high:

- How fast the level has been rising
- Whether the baby was born early
- The baby's age

Jaundice can also occur when more red blood cells than normal are broken down. This can be caused by:

- A blood disorder called erythroblastosis fetalis
- A red blood cell disorder called hemolytic anemia
- Transfusion reaction in which red blood cells that were given in a transfusion are destroyed by the person's immune system

Note: DPD(3,5-dichlorophenyldiazonium tetrafluoroborate)

lucose Rand	dom (RBS)	92	mg/dL	70)-140	Hexokinase (HK)
nterpretation of	Plasma Glucose based on AD	A guidelines 2018				
	astingPlasma lucose(mg/dL)	2hrsPlasma Glucose(mg/dL)		HbA1c(%)	RBS(mg/dL)	
Prediabetes	100-125	140-199		5.7-6.4	NA	
Diabetes	> = 126	> = 200			>=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.



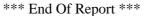


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	REPORT								
Name	: Mr. SAI KUMAR			Sample ID	: a0933595				
Age/Gender	: 31 Years/Male		Reg. No	: 0312408260075					
Referred by	: Dr. VARA SUBRAMAN	IYAM		SPP Code	: SPL-CV-172				
Ũ	Customer : V CARE MEDICAL DIAGNOSTICS				: 26-Aug-2024 09:18 PM				
Primary Sample :				Received On	: 26-Aug-2024 11:15 PM				
Sample Tested In	: Urine			Reported On	: 27-Aug-2024 12:00 AM				
Client Address	: Kimtee colony ,Gok	ul Nagar,Tarn	aka	Report Status	: Final Report				
		CLINIC	AL PATH	IOLOGY					
	FEVER PROFILE								
Test Name		Results	Units	Ref. Range	Method				
Complete Urine A Physical Examinatio									
Colour		Pale Yellow		Straw to light ambe	r				
Appearance	HAZY			Clear					
Chemical Examination	<u>on</u>								
Glucose		Negative		Negative	Strip Reflectance				
Protein		(Trace)		Negative	Strip Reflectance				
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				
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 Examin	ation (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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Method

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Referred by	: Dr. VARA SUBRAMANYAM	SPP Code	: SPL-CV-172			
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Aug-2024 09:18 PM			
Primary Sample	: Whole Blood	Received On	: 26-Aug-2024 11:15 PM			
Sample Tested In	: Serum	Reported On	: 27-Aug-2024 02:06 AM			
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report			

IMMUNOLOGY & SEROLOGY FEVER PROFILE

Units

Ref. Range

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

Results

Correlate Clinically.

Test Name

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*** End Of Report ***





DR. RUTURAJ MANIKLAL KOLHAPURE MD, MICROBIOLOGIST