

LABORATORY TEST REPORT

Name	: Master. CHAITHVIK		
Sample ID	: A0787549		
Age/Gender	: 1 Years 10 Months 5 Days/Male	Reg. No	: 0312410080032
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	: 08-Oct-2024 10:08 AM
Primary Sample	: Whole Blood	Received On	: 08-Oct-2024 12:23 PM
Sample Tested In	: Serum	Reported On	: 08-Oct-2024 03:21 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY
VCARE FEVER PROFILE-1

Test Name	Results	Units	Biological Reference Interval
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C-Reactive protein-(CRP)

1.7

mg/L

Upto:6.0

(Method: 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



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DR.VAISHNAVI
MD BIOCHEMISTRY

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Primary Sample	: Whole Blood	Received On	: 08-Oct-2024 12:23 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 08-Oct-2024 02:02 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



HAEMATOLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Biological Reference Interval
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MALARIA ANTIGEN (VIVAX & FALCIPARUM)

Plasmodium Vivax Antigen Negative Negative

(Method: Immuno Chromatography)

Plasmodium Falciparum Negative Negative

(Method: 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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Primary Sample	: Whole Blood	Received On	: 08-Oct-2024 12:23 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 08-Oct-2024 01:51 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


HAEMATOLOGY
VCARE FEVER PROFILE-1

Test Name	Results	Units	Biological Reference Interval
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COMPLETE BLOOD COUNT (CBC)

 Haemoglobin (Hb) <small>(Method: Cymeth Method)</small>	9.7	g/dL	11-14.5
 RBC Count <small>(Method: Cell Impedance)</small>	7.35	10 ¹² /L	4.0-5.2
 Haematocrit (HCT) <small>(Method: Calculated)</small>	31.6	%	34-40
 MCV <small>(Method: Calculated)</small>	43	fl	77-87
 MCH <small>(Method: Calculated)</small>	13.3	pg	24-30
 MCHC <small>(Method: Calculated)</small>	30.8	g/dL	31-37
 RDW-CV <small>(Method: Calculated)</small>	22.1	%	11.6-14.0
 Platelet Count (PLT) <small>(Method: Cell Impedance)</small>	279	10 ⁹ /L	200-490
 Total WBC Count <small>(Method: Impedance)</small>	5.4	10 ⁹ /L	6.0-16.0
 Neutrophils <small>(Method: Cell Impedance)</small>	29	%	21-43
 Absolute Neutrophils Count <small>(Method: Impedance)</small>	1.57	10 ⁹ /L	1.3-7.5
 Lymphocytes <small>(Method: Cell Impedance)</small>	64	%	49-71
 Absolute Lymphocyte Count <small>(Method: Impedance)</small>	3.46	10 ⁹ /L	2.9-12.4
 Monocytes <small>(Method: Microscopy)</small>	05	%	1-9
 Absolute Monocyte Count <small>(Method: Calculated)</small>	0.27	10 ⁹ /L	0.1-1.6
 Eosinophils <small>(Method: Microscopy)</small>	02	%	0-7
 Absolute Eosinophils Count <small>(Method: Calculated)</small>	0.11	10 ⁹ /L	0.0-1.2
 Basophils <small>(Method: Microscopy)</small>	00	%	0-2
 Absolute Basophil ICount <small>(Method: Calculated)</small>	0.00	10 ⁹ /L	0.0-1.2

Morphology

WBC	Mild Leucopenia
RBC	Anisocytosis with Microcytic hypochromic
Platelets <small>(Method: Microscopy)</small>	Adequate.

*** 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	Biological Reference Interval
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 Erythrocyte Sedimentation Rate (ESR) <small>(Method: Westergren method)</small>	18	mm/hr	3-13
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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.

*** End Of Report ***



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Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

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Sample Tested In	: Serum	Reported On	: 08-Oct-2024 01:58 PM
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IMMUNOLOGY & SEROLOGY

VCARE FEVER PROFILE-1


Test Name	Results	Units	Biological Reference Interval
Widal Test (Slide Test)			
<i>(Method: (SLIDE AGGLUTINATION))</i>			
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

*** End Of Report ***



[Signature]

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IMMUNOLOGY & SEROLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Biological Reference Interval
Dengue NS1 Antigen (Method: ELISA)	0.26	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive

*** End Of Report ***



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DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST