

REPORT

Name	: Master. PRANAV	Sample ID	: A0451460
Age/Gender	: 7 Years/Male	Reg. No	: 0312408220023
Referred by	: Dr. S SOUDAMINI	SPP Code	: SPL-STS-554
Referring Customer	: V CARE MEDICAL DIAGNOSTICS TS	Collected On	: 22-Aug-2024 10:14 AM
Primary Sample	: Whole Blood	Received On	: 22-Aug-2024 01:37 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 22-Aug-2024 04:11 PM
Client Address	: Kimtee Colony ,Gokul Nagar,Tarnaka.	Report Status	: Final Report

HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Ref. Range	Method
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MALARIA ANTIGEN (VIVAX & FALCIPARUM)

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 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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Swannabala - M
DR.SWARNA BALA
MD PATHOLOGY

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HAEMATOLOGY

FEVER PROFILE

Test Name	Results	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb)	12.6	g/dL	11.5-15.5	Cynmeth Method
RBC Count	5.07	10 ¹² /L	4.5-5.5	Cell Impedance
Haematocrit (HCT)	39.5	%	35-45	Calculated
MCV	78	fl	77-95	Calculated
MCH	24.8	pg	25-33	Calculated
MCHC	31.8	g/dL	31-37	Calculated
RDW-CV	14.4	%	11.6-14.0	Calculated
Platelet Count (PLT)	336	10 ⁹ /L	170-450	Cell Impedance
Total WBC Count	3.2	10 ⁹ /L	5.0-13.0	Impedance
Neutrophils	60	%	41-63	Cell Impedance
Absolute Neutrophils Count	1.92	10 ⁹ /L	1.9-9.1	Impedance
Lymphocytes	35	%	25-48	Cell Impedance
Absolute Lymphocyte Count	1.12	10 ⁹ /L	1.0-6.2	Impedance
Monocytes	03	%	0-9	Microscopy
Absolute Monocyte Count	0.1	10 ⁹ /L	0.0- 1.2	Calculated
Eosinophils	02	%	0-7	Microscopy
Absolute Eosinophils Count	0.06	10 ⁹ /L	0.0-1.0	Calculated
Basophils	00	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology				
WBC	Mild Leucopenia			
RBC	Normocytic normochromic			
Platelets	Adequate.			Microscopy

Result rechecked and verified for abnormal cases

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HAEMATOLOGY

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Erythrocyte Sedimentation Rate (ESR)	10	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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Sample Tested In	: Serum	Reported On	: 22-Aug-2024 02:22 PM
Client Address	: Kimtee Colony ,Gokul Nagar,Tarnaka.	Report Status	: Final Report

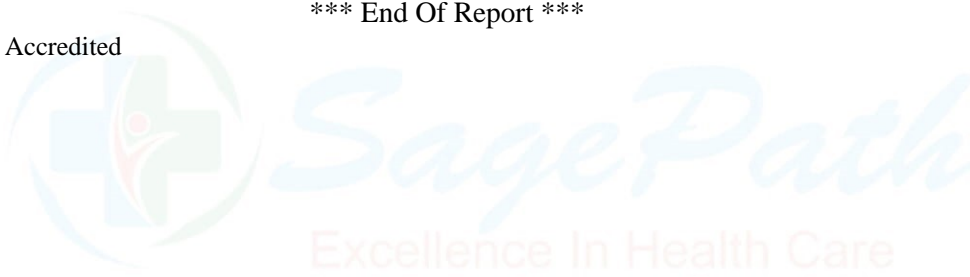
IMMUNOLOGY & SEROLOGY

FEVER PROFILE

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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DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

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Sample Tested In	: Serum	Reported On	: 22-Aug-2024 05:01 PM
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IMMUNOLOGY & SEROLOGY

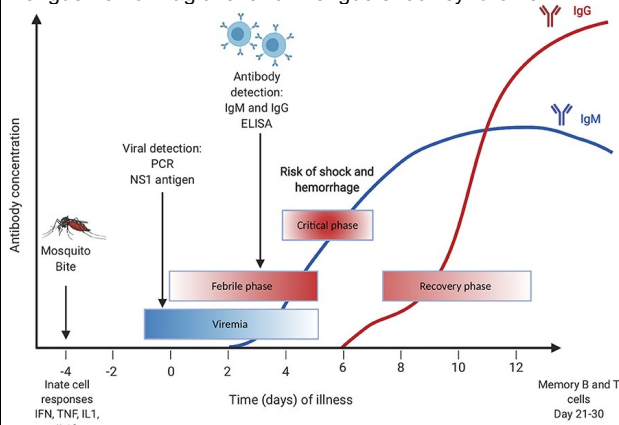
Test Name	Results	Units	Ref. Range	Method
Dengue NS1 Antigen	0.32	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive	ELISA

Interpretation:

Result	Interpretation
Negative	No detectable dengue NS1 antigen. The result does not rule out dengue infection. An additional sample should be tested for IgG & IgM serology in 7-14 days.
Equivocal	Repeat sample after 1 week
Positive	Presence of detectable dengue NS1 antigen. Dengue IgG & IgM serology assays should be performed on follow up samples after 5-7 days of onset of fever, to confirm dengue infection.

Note: 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

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.



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MD, MICROBIOLOGIST

Correlate Clinically.

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