

REPORT

Name	: Mrs. K PRANITHA	Sample ID	: A0644078
Age/Gender	: 49 Years/Female	Reg. No	: 0312407180008
Referred by	: Dr. K KESHAVA REDDY	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 18-Jul-2024 07: 40 AM
Primary Sample	: Whole Blood	Received On	: 18-Jul-2024 10: 31 AM
Sample Tested In	: Serum	Reported On	: 18-Jul-2024 12: 06 PM
Client Address	: Kimtee colony ,Gokul Nagar, Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
C-Reactive protein-(CRP)	96.44	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



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Mrs. K PRANITHA	Sample ID	: A0644079
Age/Gender	: 49 Years/Female	Reg. No	: 0312407180008
Referred by	: Dr. K KESHAVA REDDY	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 18-Jul-2024 07:40 AM
Primary Sample	: Whole Blood	Received On	: 18-Jul-2024 10:31 AM
Sample Tested In	: Whole Blood EDTA	Reported On	: 18-Jul-2024 09:07 PM
Client Address	: Kimtee colony ,Gokul Nagar ,Tarnaka	Report Status	: Final Report

MOLECULAR BIOLOGY

Test Name	Results	Units	Ref. Range	Method
Dengue - RNA PCR - Qualitative	Detected			Real Time PCR

Comments:

Dengue Hemorrhagic Fever and Dengue Shock Syndrome are caused by infection of RNA Flavivirus transmitted by a mosquito vector. This test differentiates between Primary and Secondary infection. PCR assay detects the presence of Dengue virus much earlier than the appearance of IgM & IgG antibodies.

Chikungunya RNA PCR - Qualitative	Not Detected			Real Time PCR
--	--------------	--	--	---------------

Comment

Chikungunya virus (CHIKV) is a single-stranded RNA virus that is transmitted to humans primarily by the female *Aedes aegypti* and *Aedes albopictus* mosquitoes. These mosquitoes can also transmit Dengue, Yellow fever, and Zika viruses. Chikungunya is characterized by an abrupt onset of fever accompanied by joint pain. Common symptoms include muscle pain, headache, nausea, fatigue and rash. The joint pain is often very debilitating. It usually lasts for a few days or may be prolonged to weeks. Although most individuals fully recover after acute illness, some experience chronic or recurrent symptoms. Approximately 12% to 18% of affected individuals develop painful arthritis that persists for several months to years. One study reported that up to 60% of patients experienced persistent arthritis.

Result rechecked and verified for abnormal cases

*** End Of Report ***



DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

REPORT

Name	: Mrs. K PRANITHA	Sample ID	: A0644079
Age/Gender	: 49 Years/Female	Reg. No	: 0312407180008
Referred by	: Dr. K KESHAVA REDDY	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 18-Jul-2024 07:40 AM
Primary Sample	: Whole Blood	Received On	: 18-Jul-2024 10:31 AM
Sample Tested In	: Whole Blood EDTA	Reported On	: 18-Jul-2024 11:51 AM
Client Address	: Kimtee colony ,Gokul Nagar, Tarnaka	Report Status	: Final Report

HAEMATOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Blood Picture(CBP)				
Haemoglobin (Hb)	12.9	g/dL	12-15	Cynmeth Method
Haematocrit (HCT)	39.1	%	40-50	Calculated
RBC Count	4.68	10 ¹² /L	3.8-4.8	Cell Impedence
MCV	84	fl	81-101	Calculated
MCH	27.6	pg	27-32	Calculated
MCHC	33.0	g/dL	32.5-34.5	Calculated
RDW-CV	14.5	%	11.6-14.0	Calculated
Platelet Count (PLT)	162	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	6.6	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	70	%	40-70	Cell Impedence
Lymphocytes	20	%	20-40	Cell Impedence
Monocytes	06	%	2-10	Microscopy
Eosinophils	04	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	4.62	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	1.32	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.4	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.26	10 ⁹ /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Normocytic normochromic blood picture.			PAPs Staining

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mrs. K PRANITHA	Sample ID	: A0644078
Age/Gender	: 49 Years/Female	Reg. No	: 0312407180008
Referred by	: Dr. K KESHAVA REDDY	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 18-Jul-2024 07:40 AM
Primary Sample	: Whole Blood	Received On	: 18-Jul-2024 10:31 AM
Sample Tested In	: Serum	Reported On	: 18-Jul-2024 12:06 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Liver Function Test (LFT)				
Bilirubin(Total)	0.7	mg/dL	0.3-1.2	Diazo
Bilirubin (Direct)	0.2	mg/dL	0.0 - 0.2	Diazo
Bilirubin (Indirect)	0.5	mg/dL	0.2-1.0	Calculated
Aspartate Aminotransferase (AST/SGOT)	58	U/L	5-40	IFCC with out (P-5-P)
Alanine Aminotransferase (ALT/SGPT)	26	U/L	0-55	IFCC with out (P-5-P)
Alkaline Phosphatase(ALP)	148	U/L	30-120	Kinetic PNPP-AMP
Gamma Glutamyl Transpeptidase (GGTP)	75	U/L	5-55	IFCC
Protein - Total	6.3	g/dL	6.4-8.2	Biuret
Albumin	3.2	g/dL	3.4-5.0	Bromocresol Green (BCG)
Globulin	3.1	g/dL	2.0-4.2	Calculated
A:G Ratio	1.03	%	0.8-2.0	Calculated
SGOT/SGPT Ratio	2.23			

Alanine Aminotransferase(ALT) is an enzyme found in liver and kidneys cells. ALT helps create energy for liver cells. Damaged liver cells release ALT into the bloodstream, which can elevate ALT levels in the blood.

Aspartate Aminotransferase (AST) is an enzyme in the liver and muscles that helps metabolizes amino acids. Similarly to ALT, elevated AST levels may be a sign of liver damage or liver disease.

Alkaline phosphate (ALP) is an enzyme present in the blood. ALP contributes to numerous vital bodily functions, such as supplying nutrients to the liver, promoting bone growth, and metabolizing fat in the intestines.

Gamma-glutamyl Transpeptidase (GGTP) is an enzyme that occurs primarily in the liver, but it is also present in the kidneys, pancreas, gallbladder, and spleen. Higher than normal concentrations of GGTP in the blood may indicate alcohol-related liver damage. Elevated GGTP levels can also increase the risk of developing certain types of cancer.

Bilirubin is a waste product that forms when the liver breaks down red blood cells. Bilirubin exits the body as bile in stool. High levels of bilirubin can cause jaundice - a condition in which the skin and whites of the eyes turn yellow- and may indicate liver damage.

Albumin is a protein that the liver produces. The liver releases albumin into the bloodstream, where it helps fight infections and transport vitamins, hormones, and enzymes throughout the body. Liver damage can cause abnormally low albumin levels.

Correlate Clinically.

Result rechecked and verified for abnormal cases

Laboratory is NABL Accredited

*** End Of Report ***



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY