

REPORT

Name	: Mr. ANIL PREM KUMAR GADDAM	Sample ID	: 24864461
Age/Gender	: 33 Years/Male	Reg. No	: 0312405040036
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 04-May-2024 04:29 PM
Primary Sample	: Whole Blood	Received On	: 04-May-2024 10:29 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 05-May-2024 12:42 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

COMPLETE HEMOGRAM

Test Name	Results	Units	Ref. Range	Method
Complete Blood Picture(CBP)				
Haemoglobin (Hb)	13.8	g/dL	13-17	Cynmeth Method
Haematocrit (HCT)	41.2	%	40-50	Calculated
RBC Count	4.73	10 ¹² /L	4.5-5.5	Cell Impedance
MCV	87	fl	81-101	Calculated
MCH	29.1	pg	27-32	Calculated
MCHC	33.4	g/dL	32.5-34.5	Calculated
RDW-CV	14.3	%	11.6-14.0	Calculated
Platelet Count (PLT)	346	10 ⁹ /L	150-410	Cell Impedance
Total WBC Count	6.8	10 ⁹ /L	4.0-10.0	Impedance
Differential Leucocyte Count (DC)				
Neutrophils	54	%	40-70	Cell Impedance
Lymphocytes	40	%	20-40	Cell Impedance
Monocytes	03	%	2-10	Microscopy
Eosinophils	03	%	1-6	Microscopy
Basophils	0	%	1-2	Microscopy
Absolute Neutrophils Count	3.67	10 ⁹ /L	2.0-7.0	Impedance
Absolute Lymphocyte Count	2.72	10 ⁹ /L	1.0-3.0	Impedance
Absolute Monocyte Count	0.2	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.2	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



Swannabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

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HAEMATOLOGY

COMPLETE HEMOGRAM

Test Name	Results	Units	Ref. Range	Method
Blood Picture - Peripheral Smear Examination				
Red Blood Cells	Normocytic normochromic			Microscopy
White Blood Cells	Within Normal Limits			Microscopy
Platelets	Adequate.			Microscopy
Hemoparasites	Not seen.			Microscopy
Impression	Normocytic normochromic blood picture.			
Advice	Correlate clinically			
Erythrocyte Sedimentation Rate (ESR)	7		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.



Swarnabala - M
DR. SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mr. ANIL PREM KUMAR GADDAM	Sample ID	: 24864460
Age/Gender	: 33 Years/Male	Reg. No	: 0312405040036
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 04-May-2024 04:29 PM
Primary Sample	: Whole Blood	Received On	: 04-May-2024 10:29 PM
Sample Tested In	: Serum	Reported On	: 04-May-2024 11:27 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)	0.9	mg/dL	0.3-1.2	Diazo
Bilirubin (Direct)	0.1	mg/dL	0.0 - 0.5	Diazo
Bilirubin (Indirect)	0.8	mg/dL	0.2-1.0	Calculated
Aspartate Aminotransferase (AST/SGOT)	22	U/L	5-40	IFCC with out (P-5-P)
Alanine Aminotransferase (ALT/SGPT)	13	U/L	0-55	IFCC with out (P-5-P)
Alkaline Phosphatase(ALP)	64	U/L	40-150	Kinetic PNPP-AMP
Gamma Glutamyl Transpeptidase (GGTP)	34	U/L	15-85	IFCC
Protein - Total	7.0	g/dL	6.4-8.2	Biuret
Albumin	4.1	g/dL	3.4-5.0	Bromocresol purple (BCP)
Globulin	2.9	g/dL	2.0-4.2	Calculated
A:G Ratio	1.41	%	0.8-2.0	Calculated
SGOT/SGPT Ratio	1.69			

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