

REPORT

Name	: Mr. GANESH	Sample ID	: A0643610
Age/Gender	: 17 Years/Male	Reg. No	: 0312407030001
Referred by	: Dr. SHANKAR	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-Jul-2024 07:51 AM
Primary Sample	: Whole Blood	Received On	: 03-Jul-2024 12:45 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 03-Jul-2024 01:02 PM
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)	16.0	g/dL	13-17	Cynmeth Method
Haematocrit (HCT)	45.4	%	40-50	Calculated
RBC Count	5.25	10 ¹² /L	4.5-5.5	Cell Impedence
MCV	87	fl	81-101	Calculated
MCH	30.4	pg	27-32	Calculated
MCHC	33.0	g/dL	32.5-34.5	Calculated
RDW-CV	12.9	%	11.6-14.0	Calculated
Platelet Count (PLT)	215	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	6.5	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	60	%	40-70	Cell Impedence
Lymphocytes	36	%	20-40	Cell Impedence
Monocytes	02	%	2-10	Microscopy
Eosinophils	02	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	3.9	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	2.34	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.13	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.13	10 ⁹ /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Normocytic normochromic			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	: Mr. GANESH	Sample ID	: A0643607
Age/Gender	: 17 Years/Male	Reg. No	: 0312407030001
Referred by	: Dr. SHANKAR	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-Jul-2024 07:51 AM
Primary Sample	: Whole Blood	Received On	: 03-Jul-2024 12:45 PM
Sample Tested In	: Serum	Reported On	: 03-Jul-2024 01:46 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Lipid Profile				
Cholesterol Total	107	mg/dL	< 170	CHOD-POD
Triglycerides-TGL	120	mg/dL	< 150	GPO-POD
Cholesterol-HDL	45	mg/dL	40-60	Direct
Cholesterol-LDL	38	mg/dL	< 110	Calculated
Cholesterol- VLDL	24	mg/dL	7-35	Calculated
Non HDL Cholesterol	62	mg/dL	< 130	Calculated
Cholesterol Total /HDL Ratio	2.38	%	0-4.0	Calculated
HDL / LDL Ratio	1.18			
LDL/HDL Ratio	0.84	%	0-3.5	Calculated

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid disorders for primary and secondary.

NCEP Recommendations	Cholesterol Total in (mg/dL)	Triglycerides in (mg/dL)	HDL Cholesterol (mg/dL)	LDL Cholesterol in (mg/dL)	Non HDL Cholesterol in (mg/dL)
Optimal	Adult: < 200 Children: < 170	< 150	40-59	Adult:<100 Children: <110	<130
Above Optimal	-----	-----		100-129	130 - 159
Borderline High	Adult: 200-239 Children:171-199	150-199		Adult: 130-159 Children: 111-129	160 - 189
High	Adult:>or=240 Children:>or=200	200-499	≥ 60	Adult:160-189 Children:>or=130	190 - 219
Very High	-----	>or=500		Adult: >or=190 -----	>=220

Note: LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (**Friedewald's formula**). Calculated values not provided for LDL and VLDL

*** End Of Report ***

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Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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Primary Sample	: Whole Blood	Received On	: 03-Jul-2024 12:45 PM
Sample Tested In	: Serum	Reported On	: 03-Jul-2024 01:49 PM
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CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Liver Function Test (LFT)				
Bilirubin(Total)	1.4	mg/dL	0.3-1.2	Diazo
Bilirubin (Direct)	0.2	mg/dL	0.0 - 0.2	Diazo
Bilirubin (Indirect)	1.2	mg/dL	0.2-1.0	Calculated
Aspartate Aminotransferase (AST/SGOT)	24	U/L	5-40	IFCC with out (P-5-P)
Alanine Aminotransferase (ALT/SGPT)	11	U/L	0-55	IFCC with out (P-5-P)
Alkaline Phosphatase(ALP)	118	U/L	30-120	Kinetic PNPP-AMP
Gamma Glutamyl Transpeptidase (GGTP)	58	U/L	15-85	IFCC
Protein - Total	7.1	g/dL	6.4-8.2	Biuret
Albumin	4.0	g/dL	3.4-5.0	Bromocresol Green (BCG)
Globulin	3.1	g/dL	2.0-4.2	Calculated
A:G Ratio	1.29	%	0.8-2.0	Calculated
SGOT/SGPT Ratio	2.18			

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

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*** End Of Report ***



Dr. Vaishnavi
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