

REPORT

Name	: Mr. PRADEEP BATHINI	Sample ID	: A0934372
Age/Gender	: 46 Years/Male	Reg. No	: 0312409160038
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 16-Sep-2024 01:57 PM
Primary Sample	: Whole Blood	Received On	: 16-Sep-2024 03:12 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 16-Sep-2024 08:53 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)	12.8	g/dL	13-17	Cynmeth Method
Haematocrit (HCT)	35.9	%	40-50	Calculated
RBC Count	4.08	10 ¹² /L	4.5-5.5	Cell Impedence
MCV	88	fl	81-101	Calculated
MCH	31.4	pg	27-32	Calculated
MCHC	35.7	g/dL	32.5-34.5	Calculated
RDW-CV	12.3	%	11.6-14.0	Calculated
Platelet Count (PLT)	224	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	5.9	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	64	%	40-70	Cell Impedence
Lymphocytes	30	%	20-40	Cell Impedence
Monocytes	04	%	2-10	Microscopy
Eosinophils	02	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	3.78	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	1.77	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.24	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.12	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



Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

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Primary Sample	: Whole Blood	Received On	: 16-Sep-2024 03:12 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 16-Sep-2024 05:05 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Glycated Hemoglobin (HbA1c)	5.8	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
Mean Plasma Glucose	119.76	mg/dL		Calculated

Glycated hemoglobins (GHb), also called glycohemoglobins, are substances formed when glucose binds to hemoglobin, and occur in amounts proportional to the concentration of serum glucose. Since red blood cells survive an average of 120 days, the measurement of GHb provides an index of a person's average blood glucose concentration (glycemia) during the preceding 2-3 months. Normally, only 4% to 6% of hemoglobin is bound to glucose, while elevated glycohemoglobin levels are seen in diabetes and other hyperglycemic states Mean Plasma Glucose(MPG):This Is Mathematical Calculations Where Glycated Hb Can Be Correlated With Daily Mean Plasma Glucose Level

NOTE: The above Given Risk Level Interpretation is not age specific and is an information resource only and is not to be used or relied on for any diagnostic or treatment purposes and should not be used as a substitute for professional diagnosis and treatment. Kindly Correlate clinically.

INTERPRETATION

Method: Analyzer Fully automated HPLC platform.

Average Blood Glucose (eAG) (mg/dL)	Level of Control	Hemoglobin A1c (%)
421		14%
386		13%
350		12%
314		11%
279		10%
243		9%
208		8%
172	POOR	7%
136	GOOD	6%
101	EXCELLENT	5%

HbA1c values of 5.0- 6.5 percent indicate good control or an increased risk for developing diabetes mellitus. HbA1c values greater than 6.5 percent are diagnostic of diabetes mellitus. Diagnosis should be confirmed by repeating the HbA1c test.

NOTE: Hb F higher than 10 percent of total Hb may yield falsely low results. Conditions that shorten red cell survival, such as the presence of unstable hemoglobins like Hb SS, Hb CC, and Hb SC, or other causes of hemolytic anemia may yield falsely high results.

*** End Of Report ***

Laboratory is NABL Accredited



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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Primary Sample	: Whole Blood	Received On	: 16-Sep-2024 03:12 PM
Sample Tested In	: Serum	Reported On	: 16-Sep-2024 05:58 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)	1.39	mg/dL	0.1-1.2	Diazo
Bilirubin (Direct)	0.34	mg/dL	0.0 - 0.3	Diazo
Bilirubin (Indirect)	1.05	mg/dL	0.2-1.0	Calculated
Aspartate Aminotransferase (AST/SGOT)	24.6	U/L	15-37	IFCC UV Assay
Alanine Aminotransferase (ALT/SGPT)	38.4	U/L	0-55	IFCC with out (P-5-P)
Alkaline Phosphatase(ALP)	81.0	U/L	30-120	Kinetic PNPP-AMP
Gamma Glutamyl Transpeptidase (GGTP)	31.8	U/L	15-85	IFCC
Protein - Total	7.96	g/dL	6.4-8.2	Biuret
Albumin	4.6	g/dL	3.4-5.0	Bromocresol Green (BCG)
Globulin	3.36	g/dL	2.0-4.2	Calculated
A:G Ratio	1.37	%	0.8-2.0	Calculated
SGOT/SGPT Ratio	0.64			

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 ***



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