

Sagepath Labs Pvt. Ltd.

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg .No. SAPALAPVLHT (Covid -19)

LABORATORY TEST REPORT

Name : Mr. S SHYAM PRASAD

Sample ID : A1308759

Age/Gender : 76 Years/Male Reg. No : 0312412270028

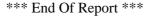
Referred by : Dr. SELF SPP Code : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 27-Dec-2024 01:31 PM Primary Sample : Whole Blood Received On : 27-Dec-2024 02:18 PM

Primary Sample : Whole Blood Received On : 27-Dec-2024 02:18 PM Sample Tested In : Whole Blood EDTA Reported On : 27-Dec-2024 03:48 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

	HAE	MATOLOG	Υ
Test Name	Results	Units	Biological Reference Interval
Complete Blood Picture(CBP)			
Haemoglobin (Hb)	13.4	g/dL	13-17
(Method: Cynmeth Method) Haematocrit (HCT) (Method: Calculated)	44.7	%	40-50
RBC Count (Method: Cell Impedence)	4.93	10^12/L	4.5-5.5
(Method: Calculated) (Method: Calculated)	91	fl	81-101
(matrice Calculated) MCH (Method: Calculated)	27.2	pg	27-32
MCHC (Method: Calculated)	32.5	g/dL	32.5-34.5
RDW-CV (Method: Calculated)	12.8	%	11.6-14.0
Platelet Count (PLT) Method: Cell Impedance)	<u>579</u>	10^9/L	150-410
Total WBC Count (Method: Impedance)	6.5	10^9/L	4.0-10.0
Differential Leucocyte Count (DC)			
Neutrophils (Method: Cell Impedence)	70	%	40-70
Lymphocytes (Method: Cell Impedence)	21	%	20-40
Monocytes (Method: Microscopy)	06	%	2-10
Eosinophils (Method: Microscopy)	03	%	1-6
Basophils (Method: Microscopy)	00	%	1-2
Absolute Neutrophils Count (Method: Impedence)	4.55	10^9/L	2.0-7.0
Absolute Lymphocyte Count (Method: Impedence)	1.37	10^9/L	1.0-3.0
Absolute Monocyte Count (Manage Calculated)	0.39	10^9/L	0.2-1.0
(Method: Calculated) (Method: Calculated)	0.2	10^9/L	0.02-0.5
Absolute Basophil ICount (Method: Calculated)	0.00	10^9/L	0.0-0.3
Morphology (Method: PAPs Staining)	Normocytic N	Normochromic	with Mild Thrombocytosis











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LABORATORY TEST REPORT

Name : Mr. S SHYAM PRASAD

Sample ID : A1308762

Age/Gender : 76 Years/Male Reg. No : 0312412270028

Referred by : Dr. SELF SPP Code : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 27-Dec-2024 01:31 PM
Primary Sample : Whole Blood Received On : 27-Dec-2024 02:18 PM
Sample Tested In : Serum Reported On : 27-Dec-2024 03:58 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka : Final Report Status : Final Report

	CLINICA	L BIOCHEM	MISTRY
Test Name	Results	Units	Biological Reference Interval
Liver Function Test (LFT)			
Bilirubin(Total) (Method: Diazo)	0.4	mg/dL	0.2-1.2
is Bilirubin (Direct)	0.1	mg/dL	0.0 - 0.3
(Method: Calculated) (Method: Calculated)	0.3	mg/dL	0.2-1.0
Aspartate Aminotransferase (AST/SGOT) (Method: IFCC UV ASSBY)	26	U/L	5-48
Alanine Aminotransferase (ALT/SGPT) Method: IFCC with out (P-5-P1)	21	U/L	0-55
Alkaline Phosphatase(ALP) Method. Kinetic PNPP-AMP)	90	U/L	30-120
Gamma Glutamyl Transpeptidase (GGTP) Method: IFCC)	<u>86</u>	U/L	15-85
Protein - Total (Method: Bluret)	6.8	g/dL	6.4-8.2
Albumin (Method: Bramacresol Green (BCG))	3.3	g/dL	3.4-5.0
Globulin (Method: Calculated)	3.5	g/dL	2.0-4.2
A:G Ratio (Method: Calculated)	0.94	Ratio	0.8-2.0
SGOT/SGPT Ratio (Method: Calculated)	<u>1.24</u>	Ratio	<1.0

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.

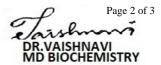
Albumin is a protein that the liver produces. The liver releases albumin into the bloodstream, where it helps fight infections and transport vitamins, hormones, and enzymes throughout the body. Liver damage can cause abnormally low albumin levels.

*** End Of Report ***













Referring Customer: V CARE MEDICAL DIAGNOSTICS

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: 27-Dec-2024 01:31 PM

LABORATORY TEST REPORT

Collected On

Name : Mr. S SHYAM PRASAD

Sample ID : A1308762

Age/Gender : 76 Years/Male Reg. No : 0312412270028

Referred by : Dr. SELF SPP Code : SPL-CV-172

Primary Sample : Whole Blood Received On : 27-Dec-2024 02:18 PM Sample Tested In : Serum Reported On : 27-Dec-2024 03:57 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

CLINICAL BIOCHEMISTRY						
Test Name	Results	Units	Biological Reference Interval			
Kidney Profile-KFT						
Creatinine (Method: Jaffes Kinetic)	0.71	mg/dL	0.70-1.30			
Urea-Serum (Method: Calculated)	29.0	mg/dL	17.1-49.2			
Blood Urea Nitrogen (BUN)	13.55	mg/dL	8.0-23.0			
BUN / Creatinine Ratio	19.08	Ratio	6 - 22			
Uric Acid (Method: Uricase)	6.9	mg/dL	3.5-7.2			
Sodium (Method: ISE Direct)	138	mmol/L	135-150			
Potassium (Method: ISE Direct)	4.1	mmol/L	3.5-5.0			
Chloride (Method: ISE Direct)	102	mmol/L	94-110			

Interpretation

• The kidneys, located in the retroperitoneal space in the abdomen, are vital for patient health. They process several hundred liters of fluid a day and remove around two liters of waste products from the bloodstream. The volume of fluid that passes though the kidneys each minute is closely linked to cardiac output. The kidneys maintain the body's balance of water and concentration of minerals such as sodium, potassium, and phosphorus in blood and remove waste by-products from the blood after digestion, muscle activity and exposure to chemicals or medications. They also produce renin which helps regulate blood pressure, produce erythropoietin which stimulates red blood cell production, and produce an active form of vitamin D, needed for bone health.

*** End Of Report ***







