

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	: Mrs. G LAKSHMI		
Sample ID	: A1308720		
Age/Gender	: 75 Years/Female	Reg. No	: 0312412250013
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 25-Dec-2024 10:18 AM
Primary Sample	: Whole Blood	Received On	: 25-Dec-2024 12:59 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 25-Dec-2024 06:52 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY					
Test Name	Results	Units	Biological Reference Interval		
Complete Blood Picture(CBP)					
B Haemoglobin (Hb)	14.6	g/dL	12-15		
Baemana (HCT)	49.4	%	40-50		
BBC Count	<u>5.60</u>	10^12/L	3.8-4.8		
Method: Calculated)	88	fl	81-101		
MCH	<u>26.1</u>	pg	27-32		
MCHC	<u>29.5</u>	g/dL	32.5-34.5		
RDW-CV	<u>14.6</u>	%	11.6-14.0		
Platelet Count (PLT)	276	10^9/L	150-410		
	<u>25.1</u>	10^9/L	4.0-10.0		
Differential Leucocyte Count (DC)					
Neutrophils (Method: Cell (Ingedence))	<u>85</u>	%	40-70 and Care		
Lymphocytes (Method: Cell Impedence)	<u>11</u>	%	20-40		
Monocytes	2	%	2-10		
Eosinophils (Method: Microscopy)	2	%	1-6		
Basophils	0	%	1-2		
	<u>21.34</u>	10^9/L	2.0-7.0		
	2.76	10^9/L	1.0-3.0		
	0.5	10^9/L	0.2-1.0		
	0.5	10^9/L	0.02-0.5		
Absolute Basophil ICount	0.00	10^9/L	0.0-0.3		
Morphology (Method: PAPs Staining)	Neutrophilic l	eucocytosis wit	h toxic features		

*** End Of Report ***







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Age/Gender	: 75 Years/Female	Reg. No	: 0312412250013
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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 25-Dec-2024 10:18 AM
Primary Sample	: Whole Blood	Received On	: 25-Dec-2024 12:59 PM
Sample Tested In	: Serum	Reported On	: 25-Dec-2024 03:05 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY				
Test Name Results Units Biological Reference Interval				
(Method: Arsenazo)	9.3	mg/dL	8.5-10.1	

Comments:

TDOSE INFOSYSTEMS PVT. LTD.

- Calcium in the body is found mainly in the bones (approximately 99%). In serum, Calcium exists in a free ionised form and in bound form (with Albumin). Hence, a decrease in Albumin causes lower Calcium levels and vice-versa.
- Calcium levels in serum depend on the Parathyroid Hormone.
- Increased Calcium levels are found in Bone tumors, Hyperparathyroidism. decreased levels are found in Hypoparathyroidism, renal failure, Rickets.

*** End Of Report ***







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ITDOSE INFOSYSTEMS PVT. LTD.

Sagepath Labs Pvt. Ltd.

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	LABOR	ATORY TEST	REPORT	
Name: Mrs. G LAKSHMISample ID: A1308719Age/Gender: 75 Years/FemaleReferred by: Dr. SELFReferring Customer: V CARE MEDICALPrimary Sample: Whole BloodSample Tested In: SerumClient Address: Kimtee colony , C	e . DIAGNOSTICS Gokul Nagar, Tar	naka	Reg. No SPP Code Collected On Received On Reported On Report Status	: 0312412250013 : SPL-CV-172 : 25-Dec-2024 10:18 AM : 25-Dec-2024 12:59 PM : 25-Dec-2024 02:15 PM : Final Report
	CLINIC	AL BIOCHE	MISTRY	
Test Name	Results	Units	Biological Refere	ence Interval
Magnesium	<u>1.17</u>	mg/dL	1.8-2.4	
 Diabetic ketoacidosis, a life-threatening problem in pec Loss of kidney function (acute or chronic renal failure A low magnesium level may be due to: Alcohol use disorder Hyperaldosteronism (adrenal gland produces too much Hypercalcemia (high blood calcium level) Long-term (chronic) diarrhea 25 - Hydroxy Vitamin D Mathematical gland 	pple with diabetes) of the hormone aldostero <u>25.47</u>	^{ne)} ng/mL	<20.0-Deficiency	
			30.0-100.0-Sufficient	ency ency ntoxication
Interpretation: 1.Vitamin D helps your body absorb calcium arrays contact your skin. Other good sources of t 2.Vitamin D must go through several processe body converts vitamin D to a chemical known at 3.The 25-hydroxy vitamin D test is the best way how much vitamin D your body has. The test c 4.The test is also known as the 25-OH vitamin osteoporosis (bone weakness) and rickets (bone Those who are at high risk of having low I 1.people who don't get much exposure to the s 2.older adults 3.people with obesity. 4.dietary deficiency Increased Levels: Vitamin D Intoxication	nd maintain strong I the vitamin include s in your body befo is 25-hydroxyvitami y to monitor vitamin an determine if you D test and the calc ne malformation). evels of vitamin I sun	bones throughou fish, eggs, and f ore your body ca n D, also called o D levels. The a r vitamin D level idiol 25-hydroxyo D include:	ut your entire life. Your bo fortified dairy products. It's n use it. The first transfor calcidiol. mount of 25-hydroxyvitan s are too high or too low. cholecalcifoerol test. It can	dy produces vitamin D when the sun's UV s also available as a dietary supplement. mation occurs in the liver. Here, your nin D in your blood is a good indication of n be an important indicator of



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CLINICAL BIOCHEMISTRY				
Test Name	Results	Units	Biological Reference Interval	
	9.54	µg/dL	4.3-22.4	

Interpretation:

The cortisol urine test measures the level of cortisol in the urine. Cortisol is a glucocorticoid (steroid) hormone produced by the adrenal gland.

The test is done to check for increased or decreased cortisol production. Cortisol is a glucocorticoid (steroid) hormone released from the adrenal gland in response to adrenocorticotropic hormone (ACTH). This is a hormone released from the pituitary gland in the brain. Cortisol affects many different body systems. It plays a role in:

Bone growth

Blood pressure control

Metabolism of fats, carbohydrates, and protein

*** End Of Report ***







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DOSE INFOSYSTEMS PVT. LTD.

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CLINICAL BIOCHEMISTRY						
Test Name	Results	Units	Biological Reference Interval			
Liver Function Test (LFT)						
Bilirubin(Total)	0.8	mg/dL	0.2-1.2			
Bilirubin (Direct)	0.1	mg/dL	0.0 - 0.3			
Bilirubin (Indirect)	0.7	mg/dL	0.2-1.0			
Aspartate Aminotransferase (AST/SGOT) Method: IFCC UV Assay	19	U/L	5-48			
Alanine Aminotransferase (ALT/SGPT)	21	U/L	0-55			
Alkaline Phosphatase(ALP)	48	U/L	30-120			
Gamma Glutamyl Transpeptidase (GGTP)	25	U/L	5-55			
Protein - Total	<u>6.2</u>	g/dL	6.4-8.2			
(Method: Bromocresol Green (BCG))	3.4	g/dL	3.4-5.0			
Globulin (Method: Calculated)	2.8	g/dL	2.0-4.2			
A:G Ratio	1.21	Ratio	0.8-2.0			
SGOT/SGPT Ratio	0.9	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 ***







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CLINICAL BIOCHEMISTRY					
Test Name	Results	Units	Biological Reference Interval		
Kidney Profile-KFT					
Creatinine (Method: Jaffes Kinetic)	0.74	mg/dL	0.55-1.02		
Withod: Calculated)	<u>66.9</u>	mg/dL	17.1-49.2		
Blood Urea Nitrogen (BUN)	<u>31.26</u>	mg/dL	8.0-23.0		
BUN / Creatinine Ratio	<u>42.24</u>	Ratio	6 - 22		
Wric Acid	4.7	mg/dL	2.6-6.0		
Sodium (Method: ISE Direct)	137	mmol/L	135-150		
Potassium (Method: ISE Direct)	4.3	mmol/L	3.5-5.0		
Chloride (Method: ISE Direct)	98	mmol/L	94-110		

Interpretation:

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• 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 ***







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