

Name : Mr. HEMCHANDRA SRIVASTAVA  
 Lab No. : 176172838  
 Ref By : SELF  
 Collected : 27/2024 4:16:00PM  
 A/c Status : P  
 Collected at : GOVINDPUR -CC  
 LIG -200 Govindpur Colony pargana and  
 tehsil-prayagraj

Regd. Office: Dr Lal PathLabs Ltd, Block-E, Sector-18, Roza, Meerut, U.P. 201005  
 Web: www.lalpathlabs.com, Call: 18001212233

Age : 64 Years  
 Gender : Male  
 Reported : 27/2024 6:54:59PM  
 Report Status : Final  
 Processed at : Dr. Lal Path Labs Ltd  
 Civil lines ,Allahabad-211001

## Test Report

Test Name	Results	Units	Bio. Ref. Interval
<b>LIVER PANEL 1; LFT,SERUM</b> (Reflectance Photometry)			
AST (SGOT)	23.4	U/L	<40
ALT (SGPT)	22.2	U/L	<41
AST:ALT Ratio	1.05		<1.00
GGTP	21.0	U/L	<71.00
Alkaline Phosphatase (ALP)	62.00	U/L	<119
Bilirubin Total	0.40	mg/dL	<1.10
Bilirubin Direct	0.13	mg/dL	<0.20
Bilirubin Indirect	0.27	mg/dL	<1.10
Total Protein	6.71	g/dL	6.40 - 8.30
Albumin	3.33	g/dL	3.50 - 5.20
A : G Ratio	0.99		0.90 - 2.00

### Note

1. In an asymptomatic patient, Non alcoholic fatty liver disease (NAFLD) is the most common cause of increased AST, ALT levels. NAFLD is considered as hepatic manifestation of metabolic syndrome.
2. In most type of liver disease, ALT activity is higher than that of AST; exception may be seen in Alcoholic Hepatitis, Hepatic Cirrhosis, and Liver neoplasia. In a patient with Chronic liver disease, AST:ALT ratio > 1 is highly suggestive of advanced liver fibrosis.
3. In known cases of Chronic Liver disease due to Viral Hepatitis B & C, Alcoholic liver disease or NAFLD, Enhanced liver fibrosis (ELF) test may be used to evaluate liver fibrosis.
4. In a patient with Chronic Liver disease, AFP and Des-gamma carboxyprothrombin (DCP)/PIVKA II can be used to assess risk for development of Hepatocellular Carcinoma.

**KIDNEY PANEL; KFT,SERUM**  
(Reflectance Photometry, Direct ISE)



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 Web: www.lalpathlabs.com, CIN: L74899DL1995PLC065388

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 Gender : Male  
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## Test Report

Test Name	Results	Units	Blo. Ref. Interval
Creatinine	7.18	mg/dL	<1.20
GFR Estimated	8	mL/min/1.73m2	>59
GFR Category	G5		
Urea	145.30	mg/dL	18.00 - 55.00
Urea Nitrogen Blood	67.86	mg/dL	8.40 - 25.70
BUN/Creatinine Ratio	9		
Uric Acid	7.00	mg/dL	3.4 - 7.0
Total Protein	6.71	g/dL	6.40 - 8.30
Albumin	3.33	g/dL	3.50 - 5.20
A : G Ratio	0.99		0.90 - 2.00
Calcium, Total	8.02	mg/dL	8.8 - 10.2
Phosphorus	4.67	mg/dL	2.6 - 4.5
Sodium	129.00	mEq/L	136.00 - 145.00
Potassium	4.31	mEq/L	3.5 - 5.1
Chloride	95.00	mEq/L	98 - 108

### Advise

1. CKD Risk Map (Z1014)
2. Cystatin C, serum (B173)

### Note

1. Estimated GFR (eGFR) calculated using the 2021 CKD-EPI creatinine equation and GFR Category reported as per KDIGO guideline 2012.
2. eGFR category G1 or G2 does not fulfil the criteria for CKD, in the absence of evidence of kidney damage
3. The BUN-to-creatinine ratio is used to differentiate prerenal and postrenal azotemia from renal azotemia. Because of considerable variability, it should be used only as a rough guide. Normally, the



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## Test Report

Test Name	Results	Units	Bio. Ref. Interval
<b>COMPLETE BLOOD COUNT;CBC</b> (Electrical Impedence,Manual)			
Hemoglobin	7.10	g/dL	13.00 - 17.00
Packed Cell Volume (PCV)	22.00	%	40.00 - 50.00
RBC Count	2.56	mill/mm3	4.50 - 5.50
MCV	85.90	fL	83.00 - 101.00
Mentzer Index	33.6		
MCH	27.70	pg	27.00 - 32.00
MCHC	32.30	g/dL	31.50 - 34.50
Red Cell Distribution Width (RDW)	14.70	%	11.60 - 14.00
Total Leukocyte Count (TLC)	6.60	thou/mm3	4.00 - 10.00
<b>Differential Leucocyte Count (DLC)</b>			
Segmented Neutrophils	80.50	%	40.00 - 80.00
Lymphocytes	11.80	%	20.00 - 40.00
Monocytes	2.60	%	2.00 - 10.00
Eosinophils	4.80	%	1.00 - 6.00
Basophils	0.30	%	<2.00
<b>Absolute Leucocyte Count</b>			
Neutrophils	5.31	thou/mm3	2.00 - 7.00
Lymphocytes	0.78	thou/mm3	1.00 - 3.00
Monocytes	0.17	thou/mm3	0.20 - 1.00
Eosinophils	0.32	thou/mm3	0.02 - 0.50

