MEGHNAD LABORATORY
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NAME : MR XXXXXX Reg. ID :

AGE & SEX : 22Years / Male REGISTERED ON :01/09/2022 11:52PM

REFERRED BY D SELF REPORTED ON :02/09/2022 12:25AM

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REF RANGE
LIVER FUNCTION TEST			
Bilirubin- Total	: **2**	mg/dl	0.1-1.2
Method: DSA METHOD			
Bilirubin- Direct	: **2**	mg/dl	0-0.4
Method: DSA METHOD			
Bilirubin- Indirect	: 2	U/L	>0.7
Method: BY CALCULATION			
SGPT / ALT	: **3**	U/L	9-43
Method: UV KINETIC			
SGOT / AST	: **3**	U/L	5-35
Method: UV KINETIC			
Alkaline Phosphatase	: **3**	U/L	80-306
Method: PNP AMP KINETIC			
Total Protein	: **3**	gm/dl	6.6-8.8
Method: BIURET (BLUE-VIOLET COLOUR)			
Albumin	: **3**	gm/dl	3.5-5.2
Method: BROMOCRESOL GREEN			
Globulin	: 3	gm/dl	2.8-3.4
Method: BY CALCULATION			
Instrument used	: Fully Automated Biochemistry Analyzer, SELECTRA PRO XS		

Note

1) LFT: Liver Function tests are a measurement of blood components that provide a lead to the existence, the extent and the type of liver damage.
2) BILIRUBIN: Bilirubin levels may rise due to hemolysis, failure of conjugating mechanism in the liver, obstruction in the biliary system.
3) ALKALINE PHOSPHATASE: *Increase in ALP activity is an index of cholestasis, a blockage of bile flow. *Increase may also occur in infiltrative diseases of the liver and cirrhosis.
4) TRANSAMINASES (AST & ALT): *The serum transaminases activities are a measure of the integrity of liver cells. *They are elevated in acute damage to hepatocytes irrespective of etiology. *The causes include – hepatitis, toxic injury, drug overdose, shock, severe hypoxia.
5) SERUM TOTAL PROTEINS: A decrease in serum total proteins indicates a decrease in the liver's synthetic capacity and thus indicates the severity of the liver disease.

--- End Of Report ---

Padsalgikar

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