



Transaction Id : 34597
 Patient Name : Mrs. Minakshi Goswami
 Relation : SELF.
 Ref. By : Rashmi Rai
 Collection Date : 08/08/2021 12:45
 Reporting Date : 08/08/2021 14:18
 Age/Sex : 31Y/Female
 Cont. No : 58999999

Investigation Desired: LFT

Test Done	Result	UNIT	Normal Value

BIOCHEMISTRY

LFT (LIVER FUNCTION TEST)

Billirubin (Total & Direct & Indirect)

Total Billirubin	0.66	mg/dl	Adult: 0.1 - 1.2 mg/dl Infants: 1.2 - 12 mg/dl
Direct Billirubin	0.23	mg/dl	0 - 0.3 mg/dl
Indirect Billirubin	0.43	mg/dl	0.2 - 0.7 mg/dl
Serum SGPT(ALT)	↑ 42.2	IU/L	5 - 40 IU/L

SGPT is present in high concentration in the liver and to a lesser extent in kidney, Heart, skeletal muscle, pancreas, spleen & lungs.

Increased levels are generally a result of primary liver diseases such as cirrhosis, carcinoma, viral or toxic hepatitis and obstructive jaundice.

Decreased levels may be observed in renal dialysis patients and those with vitamin B6 deficiency.

Serum SGOT(AST)	↑ 47.1	IU/L	5 - 40 IU/L
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SGOT is an enzyme found mainly in heart Muscle, liver cells, skeletal muscle and kidneys. Injury to these tissues results in the release of the enzyme in blood. Elevated levels are found in myocardial infarction, cardiac operation, Hepatitis, cirrhosis, acute pancreatitis, acute renal disease, primary muscle disease. decreased levels may be found in pregnancy, beri beri and diabetic ketoacidosis.

Alkaline Phosphatase	↑ 525.7	IU/L	Female : 64-306 IU/L Male : 80-306 IU/L Children : 180-1200 IU/L
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Alkaline phosphatase is an enzyme present in almost all weaves of the organism, being particularly high in bone, liver, placenta, intestine & kidney. Both increases and decreases of plasma ALP are of importance clinically.

Cause of increased plasma ALP.. pagets disease of bone, obstructive liver disease, Hepatitis, Hepatotoxicity caused by drugs or osteomalacia. Cause of decreased plasma ALP.. cretinism and Vitamin C deficiency. Clinical diagnosis should not be made on a single test results. It should integrate clinical and other laboratory data.

Total Protein (A:G)

Serum Protein	6.3	gm/dl	6.3 - 8.4 gm/dl
Albumin	3.6	gm/dl	3.5 - 5.0 gm/dl
Globulin	2.70	gm/dl	2.5 - 3.5 gm/dl
A:G Ratio	↓ 1.33:1	Ratio	1.5 - 3.1



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Sample Coll. Date : 08/08/2021 12:37
 Report Release Date : 08/08/2021 14:18
 Col. Center :

Patient Id : 34597



Thanks for Referral

Patient Care : 7546000995, Only 9709929222

Dr. Jitendra Prasad
MD Microbiologist

Rashmi Kumari
DCP (Consultant Pathologist)

Dr. Bikash Kumar
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M.B.B.S., MD(Patho)

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