

Patient NAME		Report STATUS	
DOB/Age/Gender		Barcode NO	
Patient ID / UHID		Sample Type	
Referred BY		Report Date	
Sample Collected			
Test Description	Value(s)	Unit(s)	Reference Range

Liver Function Test (LFT)

Bilirubin Total <i>Photometric</i>	3.3 H*	mg/dL	0.2 - 1.2
Bilirubin Direct * <i>Diazo Reaction</i>	0.8 H*	mg/dL	0.0 - 0.5
Bilirubin Indirect * <i>Calculation (T Bil - D Bil)</i>	2.5 H*	mg/dL	0.1 - 1.0
SGOT/AST <i>IFCC without P5P</i>	24.8	U/L	5 - 34
SGPT/ALT <i>IFCC without P5P</i>	26.3	U/L	0 to 55
SGOT/SGPT Ratio *	0.94	-	-
Alkaline Phosphatase <i>IFCC</i>	54.1	U/L	40 - 150
Total Protein <i>Biuret</i>	6.9	g/dL	6.4 - 8.3
Albumin <i>BCG</i>	4.6	gm/dL	3.8 - 5.0
Globulin * <i>Calculation (T.P - Albumin)</i>	2.3	g/dL	2.3 - 3.5
Albumin :Globulin Ratio * <i>Calculation (Albumin/Globulin)</i>	2	-	1.0 - 2.1
Gamma Glutamyl Transferase (GGT) * <i>Photometric</i>	20.8	U/L	12 - 64

Interpretation:

The liver filters blood, metabolizes nutrients, detoxifies harmful substances, and produces blood clotting proteins. Liver cells contain enzymes that facilitate these functions. When cells are damaged, enzymes leak into the blood, detectable through blood tests.

Key enzymes tested:

- AST (SGOT):** may indicate tissue injury / damage in muscles or liver.
- ALT (SGPT):** Primarily in the liver. Elevated ALT and AST suggest liver damage.
- Alkaline Phosphatase & GGT:** Linked to bile production and flow. Elevated levels may indicate bile flow issues related to the liver, gallbladder, or bile ducts.

Blood proteins, **albumin and globulin**, are essential for growth, development, and health.

- Low protein:** May indicate bleeding, liver disorders, malnutrition, or agammaglobulinemia.
- High protein (Hyperproteinemia):** Often due to dehydration or increased protein production.
- Low albumin:** Caused by poor diet, kidney, or liver disease.
- High albumin:** Usually due to severe dehydration.

*** End Of Report ***

Note :- (H* - High , L* - Low ,CL* - Critical Low,CH* - Critical High)



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