

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM
DOB/Age/Gender : 23 Y/Male	Report Date : May 09, 2024, 12:48 PM
Patient ID / UHID : 8051936/RCL7248479	Barcode No : ZC671485
Referred By : Dr. Dr. X	Report Status : Final Report
Sample Type : Serum	

Test Description	Value(s)	Unit(s)	Reference Range
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**Liver Function Test (LFT)**

Bilirubin Total <i>Diazo with Sulphanilic acid</i>	0.54	mg/dL	0.2 - 1.2
Bilirubin Direct <i>Diazo Reaction</i>	0.12	mg/dL	0.0 - 0.5
Bilirubin Indirect <i>Calculation (T Bil - D Bil)</i>	0.42	mg/dL	0.1 - 1.0
SGOT/AST <i>IFCC without P5P</i>	19.0	U/L	5 - 35
SGPT/ALT <i>IFCC without P5P</i>	17.0	U/L	5 - 45
SGOT/SGPT Ratio <i>Calculated</i>	1.12	%	-
Alkaline Phosphatase <i>p-nitrophenyl Phosphate, AMP buffer</i>	108.0	U/L	20-130
Total Protein <i>Biuret</i>	7.9	g/dL	6.6 - 8.7
Albumin <i>BCG</i>	4.9	g/dL	3.8 - 5.0
Globulin <i>Calculation (T.P - Albumin)</i>	3	g/dL	2.3 - 3.5
Albumin :Globulin Ratio <i>Calculation (Albumin/Globulin)</i>	1.63	-	1.3 - 2.1
Gamma Glutamyl Transferase (GGT) <i>ENZYMATIC</i>	14.5	U/L	5 -40

**Interpretation:**

The liver filters and processes blood as it circulates through the body. It metabolizes nutrients, detoxifies harmful substances, makes blood clotting proteins, and performs many other vital functions. The cells in the liver contain proteins called enzymes that drive these chemical reactions. When liver cells are damaged or destroyed, the enzymes in the cells leak out into the blood, where they can be measured by blood tests Liver tests check the blood for two main liver enzymes. Aspartate aminotransferase (AST),SGOT: The AST enzyme is also found in muscles and many other tissues besides the liver. Alanine aminotransferase (ALT), SGPT: ALT is almost exclusively found in the liver. If ALT and AST are found together in elevated amounts in the blood, liver damage is most likely present. Alkaline Phosphatase and GGT: Another of the liver's key functions is the production of bile, which helps digest fat. Bile flows through the liver in a system of small tubes (ducts), and is eventually stored in the gallbladder, under the liver. When bile flow is slow or blocked, blood levels of certain liver enzymes rise: Alkaline phosphatase Gamma-utamyI transpeptidase (GGT) Liver tests may check for any or all of these enzymes in the blood. Alkaline phosphatase is by far the most commonly tested of the three. If alkaline phosphatase and GGT are elevated, a problem with bile flow is most likely present. Bile flow problems can be due to a problem in the liver, the gallbladder, or the tubes connecting them. Proteins are important building blocks of all cells and tissues. Proteins are necessary for your body's growth, development, and health. Blood contains two classes of protein, albumin and globulin. Albumin proteins keep fluid from leaking out of blood vessels. Globulin proteins play an important role in your immune system. Low total protein may

**Indicate:**

- 1.Bleeding
- 2.Liver disorder
- 3.Malnutrition
- 4.Agammaglobulinemia High Protein levels 'Hyperproteinemia: May be seen in dehydration due to inadequate water intake or to excessive water loss (eg, severe vomiting, diarrhea, Addison's disease and diabetic acidosis) or as a result of increased production of proteins Low



Dr. Dummy



Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI  
Processing Lab :-

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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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albumin levels may be			
<b>Caused by:</b> 1.A poor diet (malnutrition). 2.Kidney disease. 3.Liver disease. High albumin levels may be caused by: Severe dehydration.			

\*\*\* End Of Report \*\*\*

**Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.**

**Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.**



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