



**REPORT**

Patient MRN: 238498  
Name: **Mr. RADHEY SHYAM SHARMA .**  
Age/Gender: 78 Y/male  
Order ID: 238498-1606035946  
Booked By: Netmeds Marketplace Limited  
Sample Type: SERUM (SST or Pla



Patient ID: 0982011230005  
Sample Drawn Date: 23/Nov/2020 07:00AM  
Lab Accession Date: 23/Nov/2020 03:50PM  
Report Date & Time: 23/Nov/2020 06:50PM  
Ref By: Dr. SELF  
BarcodeID/Slide No: DPLTA00386629/

Test Name	Results	Units	Bio. Ref. Interval	Test Method
<b>Liver Function Test (LFT) - Extended</b>				
Bilirubin Total <sup>^</sup>	0.49	mg/dL	0.30-1.00	DPD Surfactant
Bilirubin Direct <sup>^</sup>	0.12	mg/dL	0.03-0.18	DPD
Bilirubin Indirect <sup>^</sup>	0.37	mg/dL	0.00-1.10	Calculated
Aspartate Aminotransferase (AST/SGOT) <sup>^</sup>	30.00	U/L	13-39	IFCC with pyridoxal phosphate
Alanine amino Transferase - (ALT / SGPT) <sup>^</sup>	16.00	U/L	7.0-52.0	IFCC with Pyridoxal Phosphate
Alkaline Phosphatase ( ALP) <sup>^</sup>	89.00	U/L	30.0-120.0	IFCC/PNPP
Gamma Glutamyl Transferase (GGT) <sup>^</sup>	30.00	U/L	MALE:<55	IFCC/yGT
Protein Total <sup>^</sup>	6.30	g/dl	6.0-8.3	Biuret
Albumin <sup>^</sup>	<b>3.29</b>	g/dL	3.5 - 5.7	Bromocresol Green
Globulin <sup>^</sup>	3.01	g/dL	2.5-3.8	Calculated
Albumin / Globulin Ratio (A/G) <sup>^</sup>	<b>1.09</b>	g/dL	1.30-2.10	Calculated
SGOT / SGPT Ratio <sup>^</sup>	1.88		0.0-3.5	Calculated

**Comments and 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-utanyl 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 albumin levels may be caused by:** 1.A poor diet (malnutrition). 2.Kidney disease. 3.Liver disease.

**High albumin levels may be caused by:** Severe dehydration.

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

\* Pending Test{None}

Above Results are of the Tests performed in NirAmaya Pathlabs a NABL Accredited lab in accordance to ISO 15189:2012 (Certificate no: 2606)

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Apporved By: Dr. INDU SARDANA

