

ADVANCE DIAGNOSTICS CENTRE

C1-C2/17A, NEAR NIHARIKA TALKIES KORBA- 495677 PH-09228333 MOBILE-9300888178

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32 Years / Male Reg No. : 25837

Reg. Date : 14/10/2022 07:58AM Collected At : MedZone Center

INVESTIGATION REPORT

CLINICAL BIOCHEMISTRY

| TEST | <u>RESULT</u> | <u>UNIT</u> | BIOLOGICAL REF RANGE | TEST METHOD |
|------------------------------------|---------------|-------------|--|--|
| LFT (Liver Function Test) | | | | |
| Sample Type | : SERUM | | | |
| Bilirubin Total | : 1.06 | mg/dl | Adults : 0.1 - 1.2 New born : 0.1 - 12.6 | Diazoted Sulfanilic |
| Bilirubin Direct | : 0.35 | mg/dl | Upto 0.4 | Diazoted Sulfanilic |
| Bilirubin Indirect | : 0.71 | mg/dl | 0.3 - 1.0 | |
| Aspartate Amino Transferase (SGOT) | : 28.6 | U/L | Upto 41 | IFCC without pyridoxal phosphate |
| Alanine Amino Transferase (SGPT) | : 30.8 | U/L | Upto 40 | IFCC without pyridoxal phosphate |
| Alkaline Phosphatase | : 85.1 | U/L | 1 month to 9 yrs : 82 - 383 10 yrs to 15 yrs : 42 - 390 16 yrs to 18 yrs : 52 - 171 Adults : 53 - 141 | Diethanolamine buffer |
| Serum Protein | : 7.6 | gm/dl | 6.0 - 8.3 | Biuret |
| Serum Albumin | : 4.8 | gm/dl | 3.5 - 5.2 | Bromocresol green |
| Serum Globulin | : 2.8 | gm/dl | 2.5 - 3.5 | |
| Alb/Glo Ratio | : 1.71 | | 1-2 | |

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.

BILIRUBIN: Bilirubin levels may rise due to hemolysis, failure of conjugating mechanism in the liver, obstruction in the biliary system.

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

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.

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.

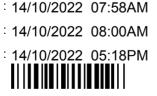
METHOD: Spectrophotometry

INSTRUMENT: BS-400 Fully Automated Chemistry Analyser

--- End Of Report ---

Sample Received On Report Released On Sample Barcode :

Sample Registered On



Checked By:gopal

Dr. VANDANA CHANDANI

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