

**Dr. Vinay Chopra**  
 MD (Pathology & Microbiology)  
 Chairman & Consultant Pathologist

**Dr. Yugam Chopra**  
 MD (Pathology)  
 CEO & Consultant Pathologist

|                       |                                        |                          |                        |
|-----------------------|----------------------------------------|--------------------------|------------------------|
| <b>NAME</b>           | : Mr. RAVINDER SINGH                   | <b>PATIENT ID</b>        | : 1793399              |
| <b>AGE/ GENDER</b>    | : 33 YRS/MALE                          | <b>REG. NO./LAB NO.</b>  | : 012503160027         |
| <b>COLLECTED BY</b>   | :                                      | <b>REGISTRATION DATE</b> | : 16/Mar/2025 09:48 AM |
| <b>REFERRED BY</b>    | :                                      | <b>COLLECTION DATE</b>   | : 16/Mar/2025 09:50AM  |
| <b>BARCODE NO.</b>    | : 01527178                             | <b>REPORTING DATE</b>    | : 16/Mar/2025 12:41PM  |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 6349/1, NICHOLSON ROAD, AMBALA CANTT |                          |                        |

| Test Name | Value | Unit | Biological Reference interval |
|-----------|-------|------|-------------------------------|
|-----------|-------|------|-------------------------------|

### CLINICAL CHEMISTRY/BIOCHEMISTRY

#### LIVER FUNCTION TEST (COMPLETE)

|                                                                                                |                          |       |                                           |
|------------------------------------------------------------------------------------------------|--------------------------|-------|-------------------------------------------|
| BILIRUBIN TOTAL: SERUM<br><i>by DIAZOTIZATION, SPECTROPHOTOMETRY</i>                           | 0.56                     | mg/dL | INFANT: 0.20 - 8.00<br>ADULT: 0.00 - 1.20 |
| BILIRUBIN DIRECT (CONJUGATED): SERUM<br><i>by DIAZO MODIFIED, SPECTROPHOTOMETRY</i>            | 0.16                     | mg/dL | 0.00 - 0.40                               |
| BILIRUBIN INDIRECT (UNCONJUGATED): SERUM<br><i>by CALCULATED, SPECTROPHOTOMETRY</i>            | 0.4                      | mg/dL | 0.10 - 1.00                               |
| SGOT/AST: SERUM<br><i>by IFCC, WITHOUT PYRIDOXAL PHOSPHATE</i>                                 | <b>142.8<sup>H</sup></b> | U/L   | 7.00 - 45.00                              |
| SGPT/ALT: SERUM<br><i>by IFCC, WITHOUT PYRIDOXAL PHOSPHATE</i>                                 | <b>327.7<sup>H</sup></b> | U/L   | 0.00 - 49.00                              |
| AST/ALT RATIO: SERUM<br><i>by CALCULATED, SPECTROPHOTOMETRY</i>                                | 0.44                     | RATIO | 0.00 - 46.00                              |
| ALKALINE PHOSPHATASE: SERUM<br><i>by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL</i> | 114.91                   | U/L   | 40.0 - 130.0                              |
| GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM<br><i>by SZASZ, SPECTROPHOTOMETRY</i>                  | <b>68.76<sup>H</sup></b> | U/L   | 0.00 - 55.0                               |
| TOTAL PROTEINS: SERUM<br><i>by BIURET, SPECTROPHOTOMETRY</i>                                   | 7.62                     | gm/dL | 6.20 - 8.00                               |
| ALBUMIN: SERUM<br><i>by BROMOCRESOL GREEN</i>                                                  | 4.26                     | gm/dL | 3.50 - 5.50                               |
| GLOBULIN: SERUM<br><i>by CALCULATED, SPECTROPHOTOMETRY</i>                                     | 3.36                     | gm/dL | 2.30 - 3.50                               |
| A : G RATIO: SERUM<br><i>by CALCULATED, SPECTROPHOTOMETRY</i>                                  | 1.27                     | RATIO | 1.00 - 2.00                               |

#### INTERPRETATION

**NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Reference Range.**

**USE:-** Differential diagnosis of diseases of hepatobiliary system and pancreas.

#### INCREASED:

|                          |                         |
|--------------------------|-------------------------|
| DRUG HEPATOTOXICITY      | > 2                     |
| ALCOHOLIC HEPATITIS      | > 2 (Highly Suggestive) |
| CIRRHOSIS                | 1.4 - 2.0               |
| INTRAHEPATIC CHOLESTATIS | > 1.5                   |



  
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|----------------------------------------------|----------------------------|------|-------------------------------|
| HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS | > 1.3 (Slightly Increased) |      |                               |

**DECREASED:**

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)
2. Extra Hepatic cholestasis: 0.8 (normal or slightly decreased).

**PROGNOSTIC SIGNIFICANCE:**

|                      |           |
|----------------------|-----------|
| NORMAL               | < 0.65    |
| GOOD PROGNOSTIC SIGN | 0.3 - 0.6 |
| POOR PROGNOSTIC SIGN | 1.2 - 1.6 |

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



  
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