

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

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

NAME : Mr. TUSHAR  
AGE/ GENDER : 22 YRS/MALE  
COLLECTED BY :  
REFERRED BY :  
BARCODE NO. : 01515500  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1587610  
REG. NO./LAB NO. : 012408220053  
REGISTRATION DATE : 22/Aug/2024 11:43 AM  
COLLECTION DATE : 22/Aug/2024 11:45AM  
REPORTING DATE : 22/Aug/2024 01:07PM

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

CLINICAL CHEMISTRY/BIOCHEMISTRY

GLUCOSE RANDOM (R)

|   |                    |       |  |
|---|--------------------|-------|--|
| GLUCOSE RANDOM (R): PLASMA<br>by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD) | 147.7 <sup>H</sup> | mg/dL | NORMAL: < 140.00<br>PREDIABETIC: 140.0 - 200.0<br>DIABETIC: > OR = 200.0 |
|---|--------------------|-------|--|

INTERPRETATION

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

1. A random plasma glucose level below 140 mg/dl is considered normal.
2. A random glucose level between 140 - 200 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.
3. A random glucose level of above 200 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.



DR. VINAY CHOPRA  
CONSULTANT PATHOLOGIST  
MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR. YUGAM CHOPRA  
CONSULTANT PATHOLOGIST  
MBBS, MD (PATHOLOGY)



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

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

|                       |  |                          |                        |
|-----------------------|--|--------------------------|------------------------|
| <b>NAME</b>           | : Mr. TUSHAR                           | <b>PATIENT ID</b>        | : 1587610              |
| <b>AGE/ GENDER</b>    | : 22 YRS/MALE                          | <b>REG. NO./LAB NO.</b>  | : 012408220053         |
| <b>COLLECTED BY</b>   | :                                      | <b>REGISTRATION DATE</b> | : 22/Aug/2024 11:43 AM |
| <b>REFERRED BY</b>    | :                                      | <b>COLLECTION DATE</b>   | : 22/Aug/2024 11:45AM  |
| <b>BARCODE NO.</b>    | : 01515500                             | <b>REPORTING DATE</b>    | : 22/Aug/2024 01:25PM  |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 6349/1, NICHOLSON ROAD, AMBALA CANTT |                          |                        |

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

#### SGOT/SGPT PROFILE

|  |      |     |              |
|--|------|-----|--------------|
| SGOT/AST: SERUM<br><i>by IFCC, WITHOUT PYRIDOXAL PHOSPHATE</i> | 21.2 | U/L | 7.00 - 45.00 |
| SGPT/ALT: SERUM<br><i>by IFCC, WITHOUT PYRIDOXAL PHOSPHATE</i> | 30.6 | U/L | 0.00 - 49.00 |
| SGOT/SGPT RATIO<br><i>by CALCULATED, SPECTROPHOTOMETRY</i>     | 0.69 |     |              |

#### 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 CHOLESTASIS                     | > 1.5                      |
| 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 |



  
**DR.VINAY CHOPRA**  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)

  
**DR.YUGAM CHOPRA**  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY)



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

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


|                       |  |                          |                        |
|-----------------------|--|--------------------------|------------------------|
| <b>NAME</b>           | : Mr. TUSHAR                           | <b>PATIENT ID</b>        | : 1587610              |
| <b>AGE/ GENDER</b>    | : 22 YRS/MALE                          | <b>REG. NO./LAB NO.</b>  | : 012408220053         |
| <b>COLLECTED BY</b>   | :                                      | <b>REGISTRATION DATE</b> | : 22/Aug/2024 11:43 AM |
| <b>REFERRED BY</b>    | :                                      | <b>COLLECTION DATE</b>   | : 22/Aug/2024 11:45AM  |
| <b>BARCODE NO.</b>    | : 01515500                             | <b>REPORTING DATE</b>    | : 22/Aug/2024 01:25PM  |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 6349/1, NICHOLSON ROAD, AMBALA CANTT |                          |                        |


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

**UREA**

|  |       |       |               |
|--|-------|-------|---------------|
| UREA: SERUM                                | 25.24 | mg/dL | 10.00 - 50.00 |
| by UREASE - GLUTAMATE DEHYDROGENASE (GLDH) |       |       |               |



  
**DR.VINAY CHOPRA**  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)

  
**DR.YUGAM CHOPRA**  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY)



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

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

|                       |  |                          |                        |
|-----------------------|--|--------------------------|------------------------|
| <b>NAME</b>           | : Mr. TUSHAR                           | <b>PATIENT ID</b>        | : 1587610              |
| <b>AGE/ GENDER</b>    | : 22 YRS/MALE                          | <b>REG. NO./LAB NO.</b>  | : 012408220053         |
| <b>COLLECTED BY</b>   | :                                      | <b>REGISTRATION DATE</b> | : 22/Aug/2024 11:43 AM |
| <b>REFERRED BY</b>    | :                                      | <b>COLLECTION DATE</b>   | : 22/Aug/2024 11:45AM  |
| <b>BARCODE NO.</b>    | : 01515500                             | <b>REPORTING DATE</b>    | : 22/Aug/2024 01:25PM  |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 6349/1, NICHOLSON ROAD, AMBALA CANTT |                          |                        |


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


**CREATININE**

|                                 |      |       |             |
|---------------------------------|------|-------|-------------|
| CREATININE: SERUM               | 1.17 | mg/dL | 0.40 - 1.40 |
| by ENZYMATIC, SPECTROPHOTOMETRY |      |       |             |

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



  
**DR.VINAY CHOPRA**  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)

  
**DR.YUGAM CHOPRA**  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY)

