

Dr. Vinay Chopra  
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Chairman & Consultant Pathologist

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MD (Pathology)  
CEO & Consultant Pathologist

NAME : Mr. JATINDER SINGH  
AGE/ GENDER : 49 YRS/MALE  
COLLECTED BY :  
REFERRED BY :  
BARCODE NO. : 01513805  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1560775  
REG. NO./LAB NO. : 012407250050  
REGISTRATION DATE : 25/Jul/2024 05:28 PM  
COLLECTION DATE : 25/Jul/2024 05:42PM  
REPORTING DATE : 25/Jul/2024 06:55PM

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

## CLINICAL CHEMISTRY/BIOCHEMISTRY

### GLUCOSE RANDOM (R)

|   |       |       |  |
|---|-------|-------|--|
| GLUCOSE RANDOM (R): PLASMA<br>by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD) | 90.85 | 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.



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|                       |  |                          |                        |
|-----------------------|--|--------------------------|------------------------|
| <b>NAME</b>           | : Mr. JATINDER SINGH                   | <b>PATIENT ID</b>        | : 1560775              |
| <b>AGE/ GENDER</b>    | : 49 YRS/MALE                          | <b>REG. NO./LAB NO.</b>  | : 012407250050         |
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| <b>BARCODE NO.</b>    | : 01513805                             | <b>REPORTING DATE</b>    | : 25/Jul/2024 07:11PM  |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 6349/1, NICHOLSON ROAD, AMBALA CANTT |                          |                        |

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### TUMOUR MARKER

#### PROSTATE SPECIFIC ANTIGEN (PSA) - TOTAL

|  |      |       |           |
|--|------|-------|-----------|
| PROSTATE SPECIFIC ANTIGEN (PSA) - TOTAL: | 0.78 | ng/mL | 0.0 - 4.0 |
|--|------|-------|-----------|

SERUM

by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)

#### INTERPRETATION:-

##### Expected Values for the PSA

|             |           |
|-------------|-----------|
| Smokers     | < 4 ng/ml |
| Non-smokers | < 4 ng/ml |

- 1.Prostate-specific antigen (PSA) is a glycoprotein that is produced by the prostate gland, the lining of the urethra, and the bulbourethral gland.
- 2.Normally, very little PSA is secreted in the blood.

#### INCREASED :-


- 1.Increased in glandular size and tissue damage caused by benign prostatic hypertrophy.
- 2.Prostatitis.
- 3.Prostate cancer may increase circulating PSA levels.
- 4.In patients with previously diagnosed prostate cancer,PSA testing is advocated as an early indicator of tumor recurrence and as an indicator of response to therapy.


#### The test is also useful for initial screening for prostate cancer:-

- 1.Total PSA levels < 2 ng/ml almost rule out the possibility of prostatic malignancy.
- 2.Total PSA levels between 2 and 10 ng/ml lie in the grey zone. Such values may be obtained in prostatitis, benign hyperplasia and malignancy. Further testing including a free PSA/PSA ratio and prostate biopsy is recommended for these patients for confirmation of the diagnosis.
- 3.Total PSA values >10 ng/ml are highly suspicious for prostate cancer but further testing, such as prostate biopsy, is needed to diagnose the exact pathology.

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



  
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