



# P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

**A PIONEER DIAGNOSTIC CENTRE**

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**NAME** : Mr. ISHWAR CHANDER SANGWAN  
**AGE/ GENDER** : 69 YRS/MALE  
**COLLECTED BY** :  
**REFERRED BY** :  
**BARCODE NO.** : 12503383  
**CLIENT CODE.** : P.K.R JAIN HEALTHCARE INSTITUTE  
**CLIENT ADDRESS** : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA

**PATIENT ID** : 1495089  
**REG. NO./LAB NO.** : 122407010001  
**REGISTRATION DATE** : 01/Jul/2024 09:03 AM  
**COLLECTION DATE** : 01/Jul/2024 09:46AM  
**REPORTING DATE** : 01/Jul/2024 04:09PM

Test Name	Value	Unit	Biological Reference interval
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## TUMOUR MARKER

### PROSTATE SPECIFIC ANTIGEN (PSA) - TOTAL

PROSTATE SPECIFIC ANTIGEN (PSA) - TOTAL: 1.01 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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