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<b>NAME</b>	: Mr. KRISHAN CHAND	<b>PATIENT ID</b>	: 1556430
<b>AGE/ GENDER</b>	: 78 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012407220010
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 22/Jul/2024 09:21 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 22/Jul/2024 09:23AM
<b>BARCODE NO.</b>	: 01513589	<b>REPORTING DATE</b>	: 22/Jul/2024 10:31AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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### TUMOUR MARKER

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

PROSTATE SPECIFIC ANTIGEN (PSA) - TOTAL:	14.65 <sup>H</sup>	ng/mL	0.0 - 4.0
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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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