

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

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 MD (Pathology)  
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<b>NAME</b>	: Mr. AJIT BHALLA	<b>PATIENT ID</b>	: 1570206
<b>AGE/ GENDER</b>	: 61 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012408210017
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 21/Aug/2024 09:58 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 21/Aug/2024 09:59AM
<b>BARCODE NO.</b>	: 01515404	<b>REPORTING DATE</b>	: 21/Aug/2024 11:31AM
<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**

<b>PROSTATE SPECIFIC ANTIGEN (PSA) - TOTAL: SERUM</b>	4.07 <sup>H</sup>	ng/mL	0.0 - 4.0
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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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TEST PERFORMED AT: KOS DIAGNOSTIC LAB, AMBALA CANTT.