



To Authenticate Scan QR Code

Sample Collected At : C000000808-QUALITY CHECK

Bhopal
Madhya Pradesh, INDIA

Name	: DUMMY	Age/Gender	: 25 Years/MALE
Reg No	: 0001EA021817	Barcode No	: E1100001148
Sample Coll Dt	: 31-01-2026 10:09 AM	Reg Date	: 31-01-2026 02:04 PM
Sample Rcv Dt	: 31-01-2026 02:04 PM	Reported Date	: 31-01-2026 02:45 PM
Report Status	: Final	Referred By	: SELF

Tests	Results	Biological Ref Range	Units	Method
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BIOCHEMISTRY

PSA FREE (PROSTATE SPECIFIC ANTIGEN) SERUM

PSA FREE 4.5 ng/mL

Specimen:
SERUM

Interpretation

REFERENCE GROUP	FREE PSA 0-0.5 ng/mL	FREE PSA >0.5-2.5 ng/mL	FREE PSA >2.5-5.0 ng/mL	FREE PSA >5.0-10 ng/mL	FREE PSA >10.0 ng/mL
Healthy males	87.2%	12.8%	0%	0%	0%
BPH	51.9%	42.9%	4.2%	0.5%	0.5%
Stage A Prostate Cancer	38.5%	42.3%	11.5%	3.8%	3.8%
Stage B Prostate Cancer	23.9%	68.7%	7.5%	0%	0%

Note

- Free PSA values regardless of levels should not be interpreted as absolute evidence for the presence or absence of disease. All values should be correlated with clinical findings and results of other investigations.
- False negative / positive results are observed in patients receiving mouse monoclonal antibodies for diagnosis or therapy.
- Free PSA levels may appear consistently elevated / depressed due to the interference by heterophilic antibodies & nonspecific protein binding
- Immediate Free PSA testing following digital rectal examination, ejaculation, prostatic massage, ultrasonography and needle biopsy of prostate is not recommended as they falsely elevate levels
Hormone therapy affects Free PSA expression
- The concentration of PSA, Free in a given specimen, determined with assays from different manufacturers, may not be comparable due to differences in assay methods, calibration, and reagent specificity.

Clinical Use

- An aid in the early detection of Prostate cancer in males 50 years or older with Total PSA values between 4.0 and 10.0 ng/mL and nonsuspicious digital rectal examination.
- An aid in discriminating between Prostate cancer and Benign Prostatic disease. Free PSA level is not used alone, but is mostly useful when expressed in a ratio with Total PSA. Hence PSA profile (Total + Free PSA) is the recommended test. Patients with benign conditions have a higher proportion of Free PSA compared with Prostate cancer.

End Of Report

This report is not subject to use for any medico-legal purposes

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