Free PSA (FPSA) (FPSA)

Source: Cerba Lancet Africa

View our website: cerbalancetafrica.com

Date & Time of Export: 23 November 2026 04:16

Click here to view the results online

TEST OVERVIEW

Test Name	Free PSA (FPSA)
Test Code	FPSA
Short Description	Free PSA (FPSA)

OVERVIEW

Test Name	Free PSA (FPSA)
Test Code	FPSA
Category	Immunoassay
TAT	Main Lab: 4 Hour(s) Family Site: <4hrs, <5hrs
Specimen(s)	1 x Venous blood - 5 mL Tube - Gold - SST

SPECIMEN(S)

SST

Specimen Type	SST
Specimen Format	Tube
Specimen Colour	Gold
Specimen Volume	5 mL
Sampling Order	2
Origin	Venous blood
Collection time after baseline	-
Transport Temperature	15-25°C
Accepted Other Specimens	Serum
TAT	Main Lab: 4 Hour(s)

	Family Site: <4hrs, <5hrs
Test Stability	Room Temp: 8 Hour(s) 2–8°C: 5 Day(s)

CLINICAL INFORMATION

Free Prostate Specific Antigen (FPSA)

Methodology	-
Specimen Type	SST
Delay before pre-treatment	3
Transport Temperature	15-25°C
Transport Stability at room temp	8 Hours
Transport Stability at 2–8°C	5 Day
Haemolysis interference	No

Clinical Interest

Free PSA refers to PSA that is not bound to proteins in the blood. This test measures the percentage of total PSA that is unbound.

The **percentage of free PSA** can help distinguish potential prostate cancer from benign conditions such as **benign prostatic hyperplasia (BPH)** and **prostatitis**.

A **low percentage of free PSA** (less than 10%) is associated with a higher probability of prostate cancer and may justify a biopsy.

A **high level of free PSA** (over 25%) indicates a benign condition.

In cases where the total PSA level is in the **'grey zone** ' (between 4 and 10 ng/ml), the free PSA assay is useful in deciding whether a prostate biopsy is indicated.

PSA levels vary according to the age of the patient and can be difficult to interpret. Total PSA levels tend to increase with age, even in the absence of cancer. The **ratio of free PSA to total PSA** further refines the results and helps clinicians to make more informed decisions.

PATIENT INFORMATION

Clinical Information Required	-
Patient Collection Notes	It is recommended to obtain specimens for PSA testing prior to procedures involving manipulation of the prostate.

COMMENTS & NOTES

LOINC Code	113-1, 83113-1

Outwork	No