

FREE
PROSTATE
ANTIGEN,
PLASMA/
SERUM

Orderable - PSAF

Turn Around Time: 4 hours

Alternate Name(s):

fPSA
PSA F
Free PSA

Specimen:

Adult
4.5 mL Light Green top (Li-Heparin) Vacutainer tube
Red, Gold, or Lavender (EDTA) top tubes are also acceptable

Collection Information:

Minimum volume of plasma or serum required is 700 µL for adult samples.

Reference Ranges:

free PSA (µg/L): no reference interval available

free PSA ratio: The probability of prostate cancer (PCA) is inversely related to the ratio and varies with age. When the total PSA is 4-10 µg/L and the free PSA ratio is ≤ 0.10 , the probability of PCA is 49-65%. When the total PSA is 4-10 µg/L and the free PSA ratio is ≥ 0.26 , the probability of PCA is 9-16%.

Interpretive Comments:

If the total PSA result is in the range of 4 – 10 µg/L, a free PSA result could be of value in estimating the risk of prostate cancer in a patient with no previous diagnosis.

Comments:

Biotin may interfere with this test. Samples should not be taken from patients



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Roche
Electrochemiluminescence



Test Schedule:
As required

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receiving high biotin doses (i.e. > 5 mg/day) until at least 8 hours after the last biotin administration.