

FREE  
PROSTATE  
ANTIGEN,  
PLASMA/  
SERUM

## Orderable - PSAF

Turnaround 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  $\leq 0.10$ , the probability of PCA is 49-65%. When the total PSA is 4-10 µg/L and the free PSA ratio is  $\geq 0.26$ , 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:

The free PSA orderable includes total PSA testing. If testing for total PSA and free PSA are ordered, the order for total PSA testing will be cancelled as a duplicate test.



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Roche  
Electrochemiluminescence



**Test Schedule:**  
As required