

# CEA PLASMA /SERUM

## Orderable - CEAS

Turn Around Time: 4 hours

### Alternate Name(s):

Carcinoembryonic Antigen

### Specimen:

Adult:	Pediatric:
4.5 mL Light Green top (Li-Heparin) Vacutainer tube	0-2 years: 0.5 mL Light Green top (Li-Heparin) Microtainer 2-10 years: 3 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 or 200 µL for pediatric samples.

### Reference Ranges:

20 - 40 years:	
Non-smokers (past/never smokers):	≤ 3.8 µg/L
Smokers (current):	≤ 5.5 µg/L
All subjects:	≤ 4.7 µg/L

40 - 69 years:	
Non-smokers (past/never smokers):	≤ 5.0 µg/L
Smokers (current):	≤ 6.5 µg/L
All subjects:	≤ 5.2 µg/L

### Interpretive Comments:

Useful in monitoring patients with colorectal, bronchogenic, and breast carcinoma.



**Laboratory:**  
Core Lab



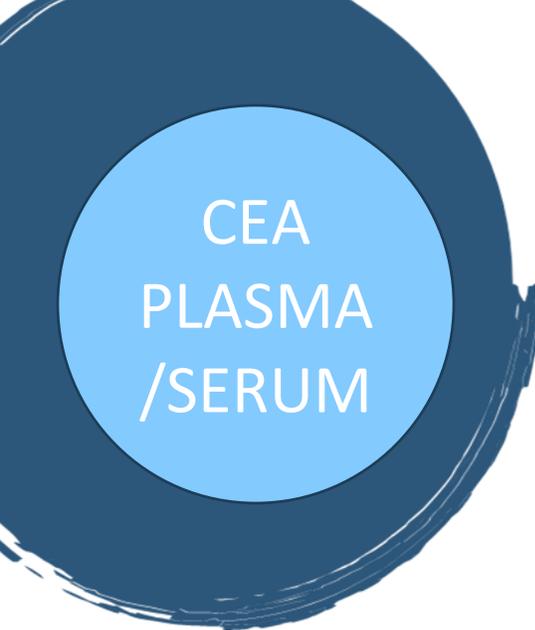
**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Roche  
Electrochemiluminescence



**Test Schedule:**  
As required



CEA  
PLASMA  
/SERUM

Not recommended for cancer screening in the general population.

**Comments:**

Biotin may interfere with this test. Samples should not be taken from patients receiving high biotin doses (i.e. > 5 mg/day) until at least 8 hours after the last biotin administration.