

**CEA; CARCINO
EMBRYONIC ANTIGEN,
SERUM
(CMIA)**

ng/mL

Interpretation

REFERENCE GROUP	REFERENCE RANGE IN ng/mL
Non Smokers	< 3.00
Smokers	< 5.00

Note: 1. This test is not recommended for cancer screening in the general population.

2. False negative / positive results are observed in patients receiving mouse monoclonal antibodies for diagnosis or therapy.

3. Patients with confirmed carcinoma may show normal pre-treatment CEA levels. Hence this assay, regardless of level, should not be interpreted as absolute evidence for the presence or absence of malignant disease. The assay value should be used in conjunction with findings from clinical evaluation and other diagnostic procedures.

4. Persistently elevated CEA levels are usually indicative of progressive malignant disease and poor therapeutic response

Clinical Use

- Monitoring patients with Colorectal, Gastrointestinal, Lung & Breast carcinoma
- Diagnosis of occult metastatic disease and / or residual disease

DISEASE	PERCENTAGE POSITIVITY OF CEA
Colorectal cancer	70
Lung cancer	45
Gastric cancer	50
Breast cancer	40
Pancreatic cancer	55

Ovarian cancer	25
Uterine cancer	40
Cirrhosis	45
Pulmonary emphysema	30
Rectal polyps	5
Benign breast disease	15
Ulcerative colitis	15

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