

Dr. Vinay Chopra
MD (Pathology & Microbiology)
Chairman & Consultant Pathologist

Dr. Yugam Chopra
MD (Pathology)
CEO & Consultant Pathologist

NAME : Mr. MUKUL PARMANIK
AGE/ GENDER : 45 YRS/MALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 01515422
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1586602
REG. NO./LAB NO. : 012408210035
REGISTRATION DATE : 21/Aug/2024 01:09 PM
COLLECTION DATE : 21/Aug/2024 01:13PM
REPORTING DATE : 21/Aug/2024 02:53PM

Test Name	Value	Unit	Biological Reference interval
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TUMOUR MARKER

CARCINO EMBRYONIC ANTIGEN (CEA)

CARCINO EMBRYONIC ANTIGEN (CEA): SERUM by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	0.82	ng/mL	< 5.0
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INTERPRETATION:

- Carcinoembryonic antigen (CEA) is a glycoprotein normally found in embryonic endodermal epithelium.
- Increased levels may be found in patients with primary colorectal cancer or other malignancies including medullary thyroid carcinoma and breast, gastrointestinal tract, liver, lung, ovarian, pancreatic, and prostatic cancers.
- Serial monitoring of CEA should begin prior to initiation of cancer therapy to verify post therapy decrease in concentration and to establish a baseline for evaluating possible recurrence. Levels generally return to normal within 1 to 4 months after removal of cancerous tissue.

CLINICAL SIGNIFICANCE:

- Monitoring colorectal cancer and selected other cancers such as medullary thyroid carcinoma
- May be useful in assessing the effectiveness of chemotherapy or radiation treatment.

NOTE:

- Carcinoembryonic antigen levels should not be used for screening of the general population for undetected cancers.
- Grossly elevated carcino-embryonic antigen (CEA) concentrations (>20 ng/mL) in a patient with compatible symptoms are strongly suggestive of the presence of cancer and also suggest metastasis.
- Most healthy subjects (97%) have values < or =3.0 ng/mL.
- After removal of a colorectal tumor, the serum CEA concentration should return to normal by 6 weeks, unless there is residual tumor.
- Increases in test values over time in a patient with a history of cancer suggest tumor recurrence.

*** End Of Report ***



DR. VINAY CHOPRA
CONSULTANT PATHOLOGIST
MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR. YUGAM CHOPRA
CONSULTANT PATHOLOGIST
MBBS, MD (PATHOLOGY)

