



Patient ID <b>SA00376474</b>	Patient Name <b>TESTINGRNV, REPORTS NORM</b>	Birth Date <b>1976-08-16</b>	Gender <b>M</b>	Age <b>41</b>
Order Number <b>SA00376474</b>	Client Order Number <b>SA00376474</b>	Ordering Physician <b>CLIENT,CLIENT</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>23 Oct 2017 08:00</b>		

## CEA, Pleural Fluid

### CEA, Pleural Fluid

**1** **SDL**

**2.0 ng/mL**

A pleural fluid CEA concentration < 3.5 ng/mL does not rule out a malignant cause of pleural effusion or the presence of micro-metastasis. In a study of 200 patients presenting with a pleural effusion, non-CEA secreting malignancies, including lymphoma, mesothelioma, leukemia and melanoma routinely had CEA concentrations < 3.5 ng/mL. In addition, 25% of patients with CEA secreting malignancies had a CEA level < 3.5 ng/mL. This result should be correlated with serum levels to determine if CEA is elevated in serum. Tumor marker tests are not specific for malignancy. This test result should be interpreted in the context of clinical presentation, imaging and cytology findings.

The testing method is an immunoenzymatic assay manufactured by Beckman Coulter Inc. and performed on the UniCel Dxl 800.

Values obtained with different assay methods or kits may be different and cannot be used interchangeably.

Test results cannot be interpreted as absolute evidence for the presence or absence of malignant disease.

**Site**

**SDL**

Right

**Received:** 24 Oct 2017 10:57

**Reported:** 24 Oct 2017 10:58

### Laboratory Notes

- 1** This test has been modified from the manufacturer's instructions. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

### Performing Site Legend

Code	Laboratory	Address
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55901