



Patient ID SA00049291	Patient Name SAMPLEREPORT, AIAPF199	Birth Date 1976-06-05	Gender M	Age 36
Order Number SA00049291	Client Order Number SA00049291	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 25 Sep 2012 00:00		

CA 19-9, Pleural Fluid

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SDL

19 U/mL

A pleural fluid CA19-9 concentration < 20 U/mL does not rule-out a malignant cause of the pleural effusion or the presence of micro-metastasis. In a study of 200 patients presenting with a pleural effusion, effusions caused by non CA19-9 secreting malignancies, including lymphoma, mesothelioma, leukemia, and melanoma, routinely had CA19-9 concentrations < 20 U/mL. In addition, 50% of patients with CA19-9 secreting malignancies had a CA19-9 level <20 U/mL. This result should be correlated with CA19-9 serum levels to determine the CA19-9 secreting status of the patient. A small percentage of the population does not synthesize CA19-9, or synthesizes low concentrations of the CA19-9 carbohydrate antigen. A low value in these individuals may be uninformative. Tumor marker tests are not specific for malignancy. This test result should be interpreted in the context of clinical presentation, imaging and cytology findings.

ADDITIONAL INFORMATION

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

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Received: 26 Sep 2012 10:06

Reported: 26 Sep 2012 10:07

Performing Site Legend

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