MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,AIAPF199	SA00049291	36	M	SA00049291
Ordering Phys				**DOB** 06/05/1976
Client Order # SA00049291	**Account Information**			**Report Notes**
Collected 09/25/2012	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 10/16/2012 07:11				

Test	Flag	Results	Unit	Reference Value	Perform Site*
			REPORTED 09/26/2012 10:07		
CA 19-9, Pleural Fluid		19	U/mL		SDL

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.
The testing method is an immunoenzymatic assay manufactured by Beckman Coulter Inc. and performed on the UniCel DxI 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		Right			SDL

* Performing Site:

SDL	Mayo Clinic Laboratories - Rochester Superior Drive 3050 Superior Dr. NW Rochester, MN 55901	Lab Director:

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,AIAPF199	09/25/2012	Final
		** End of Report **

* Report times for Mayo performed tests are CST/CDT