MAYO CLINIC
Mayo Medical Laboratories

1-800-533-1710

199PT

Carbohydrate Antigen 19-9 (CA 19-9), Peritoneal Fluid

Patient ID	Patient Name		Birth Date	Gender	Age
SA00361735	TESTINGRNV, REPORTS NORM		1952-08-30	F	65
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00361735	SA00361735	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		05 Sep 2017 08:30			

CA 19-9, Peritoneal Fluid

CA 19-9, Peritoneal Fluid [1] SDL

10 U/mL

A peritoneal fluid CA19–9 concentration = or < 32 U/mL does not rule-out a malignant cause of the ascites or the presence of micro-metastasis. In a study of 137 patients presenting with ascites, malignancies known not to secrete CA19–9 in serum routinely had CA19–9 concentrations = or < 32 U/mL in the peritoneal fluid. In addition, 51% of patients with malignancies known to secrete CA19–9 in serum (pancreatic, breast, gastric, colon, bladder, cholangiocarcinoma, gynecological cancers, peritoneal carcinomatosis, and hepatocellular carcinoma) had a CA19–9 level = or < 32 U/mL. This result should be correlated with serum levels to determine if CA19–9 is elevated in serum. 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 SDL

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Received: 06 Sep 2017 11:03 **Reported:** 06 Sep 2017 11:07

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