MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TEST,IMPLEMENTATION TESTING	321	56	M	R1055782
Ordering Phys TEST,DOCTOR				**DOB** 05/23/1955
Client Order # R1055782	**Account Information**			**Report Notes**
Collected 03/01/2012 08:30	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 03/06/2012 12:37				

Test	Flag	Results	Unit	Reference Value	Perform Site*
			REPORTED 03/06/2012 12:14		
Biliary Tract Malignancy, FISH		Performed			MCR

Biliary Tract Malignancy, FISH Only REPORTED 03/06/2012 12:14

Accession Number PR12-11 MCR

Referring Pathologist/Physician MCR
Doctor Test Jr., M.D.

Ref Path/Phys Address MCR
Methodist Hospital
200 1st Street SW
Rochester, MN 55905
507-266-0740

Final Diagnosis: MCR

Right bile duct brushing, Biliary Tract:
Fluorescence in situ hybridization studies (FISH) for biliary tract malignancy are abnormal: scanning revealed greater than or equal to 5 cells with gains of two or more chromosomes, 3(D3Z1), 7(D7Z1), and 17(D17Z1), and greater than or equal to 10 cells with gains of a single chromosome. (FISH results reviewed by: Jun Zhang, M.D)
Interpretation:
These results are consistent with malignancy or high-grade dysplasia of the pancreatobiliary tract. Please note, for PSC patients we do not recommend radical treatment due to abnormal FISH results in the absence of other corroborative information (e.g. positive/suspicious cytology or abnormal imaging findings), but close follow-up in the setting of polysomy is warranted.
Please consider clinical consultation with Dr. Gregory Gores (507-284-6488) or Dr. Lewis Roberts (507-284-7958) of the Mayo Clinic Department of Gastroenterology and Hepatology for advice on the interpretation of these test results and the proper management of the patient based on these test results.
This test was performed in the Molecular Anatomic Pathology Laboratory at Mayo Clinic, Rochester.
Method:
Fluorescence in situ hybridization (FISH) with centromere probes for chromosomes 3 (D3Z1), 7 (D7Z1), 17 (D17Z1), and a locus specific probe for 9p21.
This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic, Rochester MN. It has not been cleared or approved by the U.S. Food and Drug Administration. Results should be interpreted in conjunction with clinical findings.

Signing Pathologist: See Below MCR
Result: 3/6/2012 12:13 Interpreted by: Pathologist X. Test, M.D.

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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Test	Flag	Results	Unit	Reference Value	Perform Site*
Report electronically signed by Angie S. Beckel Transcribed by: asa05 3/6/2012 12:12:56					
Specimen Description: A. Right bile duct brushing, Biliary Tract: Received 30cc of clear Biliary Tract Specimen in Cytolyt with 1 brush.					MCR

* Performing Site:

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

Patient Name	Collection Date and Time	Report Status
TEST,IMPLEMENTATION TESTING	03/01/2012 08:30	Final
Page 2 of 2		** End of Report **

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