

Laboratory Service Report

1-800-533-1710

Patient Name TEST,IMPLEMENTATION TESTING	Patient ID 321	Age 57	Gender F	Order # R1055977
Ordering Phys TEST,DOCTOR				DOB 05/23/1955
Client Order # R1055977	Account Information	on		Report Notes
Collected 05/24/2012 06:00	C7028846-DLMP R0 3050 SUPERIOR DI	RIVE		
Printed 05/24/2012 15:02	ROCHESTER,MN 55901			

Test	Flag	Results	Unit	Reference Value	Perform Site*
Pre-Analytic Process, MAP Lab DNA/RNA Extraction, MAP Lab		Performed	REPORTED	05/24/2012 13:00	MCR
AP Special Studies Review Accession Number		HR12-161	REPORTED	05/24/2012 13:00	MCR
Referring Pathologist/Physician Doctor Test Jr., M.D.					MCR
Ref Path/Phys Address Methodist Hospital 200 1st Street SW Rochester, MN 55905 507-266-0740					MCR
Specimen:					MCR
A:AP Slide Review Material: mesenteric - 1 block (TST12-12 SLIDE DISPOSITION:	345)				MCR
1 block returned 5/24/12. asb Final Diagnosis: Molecular Anatomic Pathology R Reason for referral: Leiomyos Specimen source: Mesenteric Result:	_				MCR
Negative for PDGFRA exon 12 mu controls worked appropriately. Interpretation: Several tumors can harbor KIT stromal tumor (GIST), mast cel myeloid leukemia, myeloprolife addition, occasional cases of PDGFRA, a gene structurally re of mutations vary among these implications. The result does mutation that may be present b this assay (approximately 30%) been associated with susceptib Mutational status should be coordering physician is responsi of disease and decisions based Clinical diagnosis and/or ther assay. The results should be clinical information and/or addition analyses were perform	mutations l disease rative ne GIST can lated to tumors ar not rule ut below . GIST F ility to rrelated ble for t on the c apy shoul considere ditional	s, including gastre, melanoma, semine eplasms, and lympe also harbor mutat KIT. The frequent of portent distinct out the presence the limit of detectory of the diagnosis and the diagnosis and the diagnosis and the diagnostic tests.	ointestinal oma, acute homas. In ions in cy and type t clinical of a ction for ations have nhibitors. a. The management lely on this with		

Performing Site Legend on Last Page of Report

	Collection Date and Time 05/24/2012 06:00	Report Status Final
	00/24/2012 00:00	
Page 1 of 2		>> Continued on Next Page >>



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Test Flag Results Unit Value Site*

(PCR) and sequencing for the PDGFRA exon 12 gene on DNA extracted from paraffin-embedded tissue.

Cautions:

This test is unable to distinguish between a somatic and a germline KIT (or PDGFRA) mutation. Germline KIT (or PDGFRA) mutations are rare and their clinical relevance has been described in more detail by Robson ME et al. Clin Cancer Res 2004; 10:1250-4 and Li FP et al. J Clin Oncol 2005; 23:2735-43. Testing of a peripheral blood specimen from this individual would be required to distinguish a germline from a somatic mutation. This test is currently not offered at Mayo Clinic.

Laboratory Developed Test

Signing Pathologist: See Below

Result: 5/24/2012 12:59 Interpreted by: Pathologist X. Test, M.D.

Report electronically signed by Angie S. Beckel

Transcribed by: asa05 5/24/2012 12:59:22

REPORTED 05/24/2012 13:00

PDGFRA, Mutation Analysis, Ex12

Performed

MCR

MCR

* Performing Site:

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MCR	Mayo Clinic Laboratories - Rochester Main Campus 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	05/24/2012 06:00	Final
Page 2 of 2		** End of Report **

^{*} Report times for Mayo performed tests are CST/CDT