

Patient Name TESTINGRNV,BRAFMRPRTS	Patient ID SA00047821	Age 67	Gender M	Order # SA00047821
Ordering Phys			DOB 06/15/1945	
Client Order # SA00047821	Account Information			Report Notes
Collected 07/18/2012	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 08/02/2012 14:41				

Test	Flag	Results	Unit	Reference Value	Perform Site*
BRAF Mutation AnalysisV600 Melanoma			REPORTED 07/18/2012 16:29		
Specimen		Tissue-Tumor			MCR
Specimen ID		1038399			MCR
Order Date		18 Jul 2012 11:14			MCR
Reason for Referral		Evaluate tumor tissue for the presence of the V600 mutation in the BRAF gene.			MCR
Method		A PCR based assay is used to test tumor DNA for the presence of a V600 (Val600) mutation within the BRAF gene.			MCR
Result		Tumor type: metastatic melanoma BRAF status: Wild-type			MCR
Interpretation		Current data suggests that the efficacy of BRAF targeted therapy in melanoma is limited to patients whose tumors contain a V600 mutation. Thus, the absence of a V600 mutation in this tumor specimen suggests that such therapies may have limited therapeutic value for this patient. This result does not rule out the presence of a mutation that may be present but below the limit of detection for this assay (approximately 10%). Of note, although a BRAF V600 mutation is commonly present early in melanoma development, discordant results between primary and metastatic lesions can occur. Consideration of these results in light of other clinical information, such as previous chemotherapeutic treatments including anti-BRAF therapy, may aid in the clinical management decisions for this patient. CAUTIONS: Not all patients that have BRAF mutations respond to BRAF-targeted therapies. Rare polymorphisms exist that could lead to false-negative or false-positive results. Test results should be interpreted in context of clinical findings, tumor sampling, and other laboratory data. If results obtained do not match other clinical or laboratory			MCR

Performing Site Legend on Last Page of Report

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* Report times for Mayo performed tests are CST/CDT

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<p>findings, please contact the laboratory for possible interpretation. Misinterpretation of results may occur if the information provided is inaccurate or incomplete.</p> <p>This test has been cleared or approved by the U.S. Food and Drug Administration and is used per manufacturer's instructions. Performance characteristics were verified by Mayo Clinic in a manner consistent with CLIA requirements.</p>					
Review By					MCR
Emily Christine Lauer					
Release Date		18 Jul 2012 16:28			MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:
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