

<b>Patient Name</b> TEST,IMPLEMENTATION TESTING	<b>Patient ID</b> 321	<b>Age</b> 56	<b>Gender</b> F	<b>Order #</b> R1055955
<b>Ordering Phys</b> TEST,DOCTOR				<b>DOB</b> 05/23/1955
<b>Client Order #</b> R1055955	<b>Account Information</b>			<b>Report Notes</b>
<b>Collected</b> 05/17/2012 10:45	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
<b>Printed</b> 05/21/2012 13:35				

Test	Flag	Results	Unit	Reference Value	Perform Site*
<b>Pre-Analytic Process, MAP Lab</b>			REPORTED 05/18/2012 16:23		
DNA/RNA Extraction, MAP Lab		Performed			MCR
<b>AP Special Studies Review</b>			REPORTED 05/18/2012 16:23		
Accession Number		HR12-145			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					MCR
Material:					MCR
1 block (D12-2345)					
SLIDE DISPOSITION:					
Final Diagnosis:					MCR
Molecular Anatomic Pathology Report:					
Reason for referral: rule out Desmoplastic Small Round-Cell Tumor					
Specimen source: lung					
Result:					
Positive for the presence of desmoplastic small round-cell tumor fusion transcripts by RT-PCR. The EWSR1-WT1 fusion transcript showed a positive result. All controls worked appropriately.					
Interpretation:					
The result is consistent with the diagnosis of desmoplastic small round-cell tumor. The result does not rule out the presence of fusion transcripts that may be present, but below the limit of detection for this assay (5%). In the test validation, clinical sensitivity was found to be 97% and clinical specificity was found to be 100%. Molecular Anatomic Pathology tests interpreted in consultation with Dr. Testing.					
Clinical diagnosis and/or therapy should not be based solely on this assay. The results should be considered in conjunction with clinical information and/or additional diagnostic tests.					
Method:					
Molecular studies were performed using reverse transcriptase-polymerase chain reaction (RT-PCR) and gel electrophoresis for the desmoplastic small round-cell tumor EWSR1-WT1 fusion transcript on RNA extracted from paraffin-embedded tissue.					
Laboratory Developed Test					
Signing Pathologist:		See Below			MCR
Result: 5/18/2012 16:23 Interpreted by: Pathologist X. Test, M.D.					
Report electronically signed by Angie S. Beckel					
Transcribed by: asa05 5/18/2012 16:22:56					
<b>DSRCT, RT-PCR, Paraffin</b>		Performed	REPORTED 05/18/2012 16:23		MCR

\*\*\*Performing Site Legend on Last Page of Report\*\*\*

Patient Name	Collection Date and Time	Report Status
TEST,IMPLEMENTATION TESTING	05/17/2012 10:45	Final
Page 1 of 2		>> Continued on Next Page >>

\* Report times for Mayo performed tests are CST/CDT

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>> Accession R1055955 - Continued From Previous Page <<  
 >> Do Not Discard <<

\* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:
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TEST,IMPLEMENTATION TESTING	05/17/2012 10:45	Final
Page 2 of 2		** End of Report **

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