

<b>Patient Name</b> TEST,IMPLEMENTATION TESTING	<b>Patient ID</b> 321	<b>Age</b> 57	<b>Gender</b> F	<b>Order #</b> R1057497
<b>Ordering Phys</b> TESTING				<b>DOB</b> 05/23/1956
<b>Client Order #</b> R1057497	<b>Account Information</b>			<b>Report Notes</b>
<b>Collected</b> 06/06/2013 06:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
<b>Printed</b> 07/17/2013 08:30				

Test	Flag	Results	Unit	Reference Value	Perform Site*
<b>AP Special Studies Review</b>					
<b>RECEIVED:</b> 06/06/2013 12:39		<b>REPORTED:</b> 06/06/2013 18:33			
Accession Number		HR13-176			MCR
Specimen:					MCR
A:AP Slide Review					
Material:					MCR
1 Block					
SLIDE DISPOSITION:					
Final Diagnosis:					MCR
Molecular Anatomic Pathology Report:					
Reason for referral: Alveolar Rhabdomyosarcoma					
Specimen source: Abdomen					
Result:					
Positive for the presence of alveolar rhabdomyosarcoma fusion transcripts by RT-PCR. The PAX3-FOXO1A fusion transcript showed a positive result. The PAX7-FOXO1A fusion transcript showed a negative result. All controls worked appropriately.					
Interpretation:					
The result is consistent with the diagnosis of alveolar rhabdomyosarcoma. Mayo Clinic validation studies showed the clinical sensitivity is 82% for the diagnosis of alveolar rhabdomyosarcoma and the clinical specificity is 100%. Clinical diagnosis and/or therapy should not be based solely on this assay. The results should be considered in conjunction with clinical information, histologic evaluation, and/or additional diagnostic tests.					
Method:					
Microscopic examination was performed by a pathologist to identify areas of tumor for enrichment by macrodissection. Molecular studies were performed using reverse transcriptase-polymerase chain reaction (RT-PCR) and gel electrophoresis for the alveolar rhabdomyosarcoma PAX3-FOXO1A and PAX7-FOXO1A fusion transcripts on RNA extracted from paraffin-embedded tissue.					
Laboratory Developed Test					
Signing Pathologist:		See Below			MCR
Result:6/6/2013 18:32 Interpreted by: Pathologist X. Test, M.D.					
Report electronically signed by Melissa L. Skjeveland					
Transcribed by: mls 6/6/2013 18:32:28					

<b>Slide Review</b>	Performed	MCR
<b>RECEIVED:</b> 06/06/2013 12:39	<b>REPORTED:</b> 06/06/2013 18:33	

<b>Alveolar Rhabdomyosarcoma, RT-PCR,PF</b>
<b>RECEIVED:</b> 06/06/2013 12:39 <b>REPORTED:</b> 06/06/2013 18:33

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

<b>Patient Name</b> TEST,IMPLEMENTATION TESTING	<b>Collection Date and Time</b> 06/06/2013 06:00	<b>Report Status</b> Final
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\* Report times for Mayo performed tests are CST/CDT

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Alveolar Rhabdomyosarcoma,RT-PCR,PF		Performed			MCR

\* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:
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<b>Patient Name</b> TEST,IMPLEMENTATION TESTING	<b>Collection Date and Time</b> 06/06/2013 06:00	<b>Report Status</b> Final
Page 2 of 2		** End of Report **

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