MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TEST,IMPLEMENTATION TESTING	321	57	F	R1057495
Ordering Phys TESTING				**DOB** 05/23/1956
Client Order # R1057495	**Account Information**			**Report Notes**
Collected 06/06/2013 06:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 07/17/2013 11:33				

Test	Flag	Results	Unit	Reference Value	Perform Site*
AP Special Studies Review					
RECEIVED: 06/06/2013 12:16 **REPORTED:** 06/06/2013 17:37					
Accession Number		HR13-172			MCR
Specimen:					MCR
A:AP Slide Review					
Material:					MCR
1 Block					
SLIDE DISPOSITION:					
Final Diagnosis:					MCR
Molecular Anatomic Pathology Report:					
Reason for referral: Ewing Sarcoma					
Specimen source: Abdomen					
Result:					
Positive for the presence of Ewing sarcoma fusion transcripts by RT-PCR. The EWSR1-FLI1 fusion transcript showed a positive result. The EWSR1-ERG fusion transcript showed a negative result. All controls worked appropriately.					
Interpretation:					
The result is consistent with the diagnosis of Ewing sarcoma. Mayo Clinic validation studies showed the clinical sensitivity is 91% for the diagnosis of Ewing sarcoma 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:					
Molecular studies were performed using reverse transcriptase-polymerase chain reaction (RT-PCR) and gel electrophoresis for the Ewing sarcoma EWSR1-FLI1 and EWSR1-ERG fusion transcripts on RNA extracted from paraffin-embedded tissue.					
Laboratory Developed Test					
Signing Pathologist:		See Below			MCR
Result:6/6/2013 17:36 Interpreted by: Pathologist X. Test, M.D.					
Report electronically signed by Melissa L. Skjeveland					
Transcribed by: mls 6/6/2013 17:36:38					
Slide Review		Performed			MCR
RECEIVED: 06/06/2013 12:16 **REPORTED:** 06/06/2013 17:37					
Ewings Sarcoma, RT-PCR, Paraffin		Performed			MCR
RECEIVED: 06/06/2013 12:16 **REPORTED:** 06/06/2013 17:37					

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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>> Accession R1057495 - 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: Franklin R. Cockerill, III, M.D.

Patient Name	Collection Date and Time	Report Status
TEST,IMPLEMENTATION TESTING	06/06/2013 06:00	Final
Page 2 of 2		** End of Report **

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