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 | R1057494 |
| **Ordering Phys** TESTING | | | | **DOB** 05/23/1956 |
| **Client Order #** R1057494 | **Account Information** | | | **Report Notes** |
| **Collected** 06/06/2013 06:00 | C7028846-DLMP Rochester<br>3050 Superior Drive<br>Rochester, MN 55901 | | | |
| **Printed** 07/17/2013 11:31 | | | | |

| Test | Flag | Results | Unit | Reference Value | Perform Site* |
|---|---|---|---|---|---|
| **AP Special Studies Review** | | | | | |
| **RECEIVED:** 06/06/2013 12:08 **REPORTED:** 06/06/2013 17:21 | | | | | |
| Accession Number | | HR13-170 | | | MCR |
| Specimen: | | | | | MCR |
| A:AP Slide Review | | | | | |
| Material: | | | | | MCR |
| 1 Block | | | | | |
| SLIDE DISPOSITION: | | | | | |
| Final Diagnosis: | | | | | MCR |
| Molecular Anatomic Pathology Report: | | | | | |
| Reason for referral: Synovial Sarcoma | | | | | |
| Specimen source: Abdomen | | | | | |
| Result: | | | | | |
| Positive for the presence of synovial sarcoma fusion transcripts by RT-PCR. The SYT-SSX1 fusion transcript showed a positive result. The SYT-SSX2 fusion transcript showed a negative result. All controls worked appropriately. | | | | | |
| Interpretation: | | | | | |
| The result is consistent with the diagnosis of synovial sarcoma. Mayo Clinic validation studies showed the clinical sensitivity is 93% for the diagnosis of synovial 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 synovial sarcoma SYT-SSX1 and SYT-SSX2 fusion transcripts on RNA extracted from paraffin-embedded tissue. | | | | | |
| Laboratory Developed Test | | | | | |
| Signing Pathologist: | | See Below | | | MCR |
| Result:6/6/2013 17:21 Interpreted by: Pathologist X. Test, M.D. | | | | | |
| Report electronically signed by Melissa L. Skjeveland | | | | | |
| Transcribed by: mls 6/6/2013 17:21:17 | | | | | |
| **Slide Review** | | Performed | | | MCR |
| **RECEIVED:** 06/06/2013 12:08 **REPORTED:** 06/06/2013 17:21 | | | | | |
| **Synovial Sarcoma, RT-PCR, Paraffin** | | Performed | | | MCR |
| **RECEIVED:** 06/06/2013 12:08 **REPORTED:** 06/06/2013 17:21 | | | | | |

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



* Report times for Mayo performed tests are CST/CDT

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**>> Accession R1057494 - Continued From Previous Page <<**
**>> Do Not Discard <<**

* Performing Site:

| | | |
|---|---|---|
| MCR | Mayo Clinic Laboratories - Rochester Main Campus<br>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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