MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,FMNBNORMAL	SA00050978	62	M	SA00050978
Ordering Phys				**DOB** 10/10/1950
Client Order # SA00050978	**Account Information**			**Report Notes**
Collected 11/19/2012 08:00	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 12/11/2012 08:56				

Test	Flag	Results	Unit	Reference Value	Perform Site*
MYCN, 2p24, FISH, B/BM			REPORTED 11/19/2012 10:57		
Specimen		Bone Marrow			MCR
Specimen ID		1059584			MCR
Order Date		19 Nov 2012 10:48			MCR
Reason For Referral		neuroblastoma			MCR
Method					MCR
FISH analysis of 60 nuclei for MYCN amplification with Analyte Specific Reagent (ASR) probes for MYCN at 2p24.1 and chromosome 2 centromere (D2Z1) on 60 nuclei.					
Result					MCR
nuc ish(MYCN,D2Z1)x2[200] The MYCN and D2Z1 signals were enumerated in 200 nuclei. The MYCN to D2Z1 ratio was 0.0. A MYCN to D2Z1 ratio greater than 4.0 usually indicates MYCN oncogene amplification.					
Interpretation					MCR
The result is within normal limits for the MYCN gene region. This result does not exclude the presence of metastatic neuroblastoma in this bone marrow specimen. Clinical and pathologic correlation is suggested. DISCLAIMER: This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic Rochester. It has not been cleared or approved by the U.S. Food and Drug Administration. This test does not rule out other chromosome abnormalities.					
Consultant		Christina M Radtke			MCR
Released Date		19 Nov 2012 10:54			MCR

* 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
TESTINGRNV,FMNBNORMAL	11/19/2012 08:00	Final
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* Report times for Mayo performed tests are CST/CDT