Patient Name TESTINGRNV,REPORTS	Patient ID SA00057597	Age 20D	Gender F	Order # SA00057597
Ordering Phys CLIENT,CLIENT				**DOB** 05/01/2013
Client Order # SA00057597	**Account Information**			**Report Notes**
Collected 05/21/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 06/25/2013 13:38				

Test	Flag	Results	Unit	Reference Value	Perform Site*

Hunter Syndrome, Known Mutation
RECEIVED: **REPORTED:** 05/24/2013 08:50

    Reason for Referral   MCR
       Family history of mucopolysaccharidosis type II (Hunter
       syndrome). Test for the presence of the familial alteration
       in the IDS gene.

    Result   MCR
       The p.Q531X alteration was NOT detected.

    Interpretation   MCR
       Absence of the mutation previously identified in an affected
       family member indicates that this individual is at no
       greater risk than someone in the general population to be a
       carrier of or affected with mucopolysaccharidosis type II,
       also known as Hunter syndrome.

       This assay does not rule out the presence of other disease
       causing mutations in this gene or other genes associated
       with metabolic disease. Errors in the diagnosis or pedigree
       provided to us may lead to an erroneous interpretation of
       test results.

       A genetic consultation may be of benefit.

       Unless reported or predicted to cause disease, alterations
       found deep in the intron or alterations that do not result
       in an amino acid substitution are not reported. These and
       common polymorphisms identified for this patient are
       available upon request.

       CAUTIONS:
       Rare polymorphisms exist that could lead to false negative
       or positive results. If results obtained do not match the
       clinical findings, additional testing should be considered.

       Test results should be interpreted in the context of
       clinical findings, family history, and other laboratory
       data. Misinterpretation of results may occur if the
       information provided is inaccurate or incomplete.

       Bone marrow transplants from allogenic donors will interfere
       with testing. Call Mayo Medical Laboratories for
       instructions for testing patients who have received a bone
       marrow transplant.

Performing Site Legend on Last Page of Report

Patient Name TESTINGRNV,REPORTS	Collection Date and Time 05/21/2013 00:00	Report Status Final
Page 1 of 2		>> Continued on Next Page >>

 * Report times for Mayo performed tests are CST/CDT

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,REPORTS	SA00057597	20D	F	SA00057597

Ordering Phys		DOB
CLIENT,CLIENT		05/01/2013

Client Order #	Account Information	Report Notes
SA00057597		
Collected 05/21/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901	
Printed 06/25/2013 13:38		

Test	Flag	Results	Unit	Reference Value	Perform Site*
Laboratory developed test.					
Method					MCR
DNA sequence analysis was used to test for the presence of the p.Q531X (c.1591C>T) alteration in exon 9 of the IDS gene. Testing was performed for this specific alteration because it was previously identified in a family member of this individual. Mutation nomenclature is based on GenBank accession number NM_000202.5.					
Specimen		Blood			MCR
Reviewed By		Devin Oglesbee PhD			MCR
Release Date		24 May 2013 08:48			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,REPORTS	05/21/2013 00:00	Final
Page 2 of 2		** End of Report **

* Report times for Mayo performed tests are CST/CDT