MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,REPORTS	SA00059971	16D	F	SA00059971
Ordering Phys CLIENT,CLIENT				**DOB** 07/01/2013
Client Order # SA00059971	**Account Information**			**Report Notes**
Collected 07/17/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 08/16/2013 12:10				

Test	Flag	Results	Unit	Reference Value	Perform Site*

X-ALD, Full Gene Analysis
RECEIVED: 07/17/2013 15:24 **REPORTED:** 07/17/2013 16:31

Reason for Referral MCR

Family history of X-linked adrenoleukodystrophy. Test for the presence of a mutation in the ABCD1 gene.

Result MCR

A mutation was NOT detected.

Interpretation MCR

This result decreases the likelihood, but does not rule out carrier status for X-linked adrenoleukodystrophy (X-ALD). We predict that some individuals who are carriers or have a diagnosis of X-ALD may have a mutation that is not identifiable by the methods described (e.g. large deletions/duplications, promoter mutations, deep intronic mutations, etc.).

Genetic testing of the affected individual should be considered. Identification of the mutation in this family would allow for more accurate risk assessment.

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

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.

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.

Laboratory developed test.

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,REPORTS	SA00059971	16D	F	SA00059971
Ordering Phys CLIENT,CLIENT				**DOB** 07/01/2013
Client Order # SA00059971	**Account Information**			**Report Notes**
Collected 07/17/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 08/16/2013 12:10				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Method					MCR
Bi-directional sequence analysis was performed to test for the presence of mutations in all coding regions and intron/exon boundaries of the ABCD1 gene. Mutation nomenclature is based on GenBank accession number; NM_000033.3.					
Specimen		Blood			MCR
Reviewed By					MCR
Dimitar Gavrilov MD, PhD					
Release Date		17 Jul 2013 16:29			MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:

* Report times for Mayo performed tests are CST/CDT