

Laboratory Service Report

1-800-533-1710

Patient Name TESTINGRNV,REPORTS	Patient ID SA00059971	Age 16D	Gender F	Order # 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			
Printed 08/16/2013 12:10	Rochester, MN 55901			

Reference Perform Test Flag Results Unit Value 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

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,REPORTS	07/17/2013 00:00	Final
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^{*} Report times for Mayo performed tests are CST/CDT



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Test	Flag Results	Unit	Reference Value	Perform Site*
Method				MCR
Bi-directional sequence	analysis was performed to test	for		
the presence of mutatio	ns in all coding regions and			
	of the ABCD1 gene. Mutation			
nomenclature is based on NM 000033.3.	n GenBank accession number;			
Specimen	Blood			MCR
Reviewed By	22000			MCR
Dimitar Gavrilov MD, Ph	D			
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: Franklin R. Cockerill, III, M.D.

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TESTINGRNV,REPORTS	07/17/2013 00:00	Final
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