MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,GALTM	SA00043806	45	F	SA00043806
Ordering Phys				**DOB** 06/10/1966
Client Order # SA00043806	**Account Information**			**Report Notes**
Collected 02/28/2012	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 02/29/2012 16:13				

Test	Flag	Results	Unit	Reference Value	Perform Site*
GALT Gene, Full Gene Analysis			REPORTED 02/29/2012 15:03		
Specimen		Blood			MCR
Specimen ID		1037934			MCR
Order Date		29 Feb 2012 14:54			MCR
Reason For Referral					MCR

Not provided. Test for the presence of mutations in the GALT gene.

Method					MCR

DNA sequence analysis was used to test for the presence of a mutation in all 11 exons of the GALT gene (GenBank accession number; NM_000155.2).

Result					MCR

A mutation was NOT detected.

Interpretation					MCR

In the absence of a galactose-1-phosphate uridyltransferase (GALT) activity level, this result decreases the likelihood, but does not exclude carrier or affected status for this individual. We predict that there may be disease causing mutations in the GALT gene not identifiable by methods described (e.g. large deletions/duplications, promoter mutations, or deep intronic mutations etc.).

Enzyme testing is recommended to establish this individual's clinical status (Mayo test ID GALT/8333). Treatment and disease management decisions should be based on GALT activity and Galactose-1-Phosphate levels, not solely on the results of molecular analysis.

A genetic consultation may be of benefit.

A list of common polymorphisms identified for this patient is 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

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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Test	Flag	Results	Unit	Reference Value	Perform Site*
with testing. Call Mayo Medical Laboratories for instructions for testing patients who have received a bone marrow transplant.					
Laboratory developed test.					
Reviewed By		Kimberly Anne Schahl			MCR
Release Date		29 Feb 2012 15:01			MCR

* Performing Site:

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.