MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,REPORTNORMAL	SA00052556	41	F	SA00052556
Ordering Phys CLIENT,CLIENT				**DOB** 09/12/1971
Client Order # SA00052556	**Account Information**			**Report Notes**
Collected 01/07/2013	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 01/21/2013 14:04				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Hexosaminidase A and Tot, WBC/Mole			REPORTED 01/08/2013 13:57		
Hexosaminidase Total, WBC		16.4	nmol/min/mg	16.4-36.2	MCR
Hexosaminidase Percent A, WBC		63	%	63-75	MCR
Interpretation (NAGW)					MCR

In this sample, total hexosaminidase activity and percent hexosaminidase A are normal. Automatic reflex to molecular genetic testing will NOT be performed. If desired, please call MML within one month to add Tay-Sachs Disease, Mutation Analysis, HEXA (MML 82588).

These results indicate this individual is NOT affected with Tay-Sachs disease (OMIM 272800) and suggest that this individual is NOT a carrier for Tay-Sachs disease. However, please note that a small percentage (<0.5%) of carriers may exhibit normal hexosaminidase A activity and will not be detected by this method (Triggs-Raine et al. NEJM. 1990; 323:6-12). In addition, patients with or carriers of the AB variant (OMIM 272750) or late-onset Tay-Sachs disease (B1 variant OMIM 272800) will not be detected. If this patient shows symptoms of later-onset Tay-Sachs (>= 2 years), consider ordering Hexosaminidase A (MUGS), Serum (MML 80350) to rule out the B1 variant.

Please contact the Biochemical Genetics consultant or genetic counselor on call (1-800-533-1710) if you have any questions.

Reviewed By		JANICE HELGESON			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,REPORTNORMAL	01/07/2013	Final
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* Report times for Mayo performed tests are CST/CDT