MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,NAGR N	M0002177	40	F	M0002177
Ordering Phys				**DOB** 09/28/1971
Client Order # M0002177	**Account Information**			**Report Notes**
Collected 06/26/2012 23:51	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 04/17/2013 10:46				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Hexosaminidase A and Tot, WBC/Mole			REPORTED 04/10/2013 09:39		
Hexosaminidase Total, WBC		27.4	U/g Prot	16.4-36.2	MCR
Hexosaminidase Percent A, WBC		69	%	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.

* 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
SAMPLEREPORT,NAGR N	06/26/2012 23:51	Final
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* Report times for Mayo performed tests are CST/CDT

TEST SITE