MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,OPRM1 NORM	SA00062776	33	F	SA00062776
Ordering Phys CLIENT,CLIENT				**DOB** 01/21/1980
Client Order # SA00062776	**Account Information**			**Report Notes**
Collected 09/24/2013 09:07	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 09/26/2013 13:44				

Test	Flag	Results	Unit	Reference Value	Perform Site*
OPRM1 Genotype, Naltrexone Efficacy					
RECEIVED: 09/25/2013 14:01 **REPORTED:** 09/25/2013 14:21					
OPRM1 Result		A/A			MCR
OPRM1 Interpretation					MCR

Homozygous OPRM1 355A/355A [Asn/Asn]. This individual is homozygous for the OPRM1 355A allele which encodes for the Asparagine/Asparagine genotype. The Asparagine allele has been associated with a poorer response to naltrexone treatment in alcoholics, including an increased risk of relapse.

Direct polymorphism analysis of the OPRM1 355A>G [Asn102Asp] polymorphism is performed by a Polymerase Chain Reaction (PCR) based 5'-nuclease assay using fluorescently labeled detection probes. Historically the mutation has been referred to as OPRM1 118A>G [Asn40Asp]. This DNA testing will not detect all the known mutations and polymorphisms of OPRM1. Absence of mention of a specific gene mutation or polymorphism does not rule out the possibility that a patient has that or another variation that can impact the function of this receptor, drug response or drug side effects.

OPRM1 Reviewed by		Jamie Bruflat			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,OPRM1 NORM	09/24/2013 09:07	Final
Page 1 of 1		** End of Report **

* Report times for Mayo performed tests are CST/CDT

TEST SITE