

## **Laboratory Service Report**

## 1-800-533-1710

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

Perform Reference Test Flag Results Unit Value Site\* OPRM1 Genotype, Naltrexone Efficacy **RECEIVED:** 09/25/2013 14:01 **REPORTED:** 09/25/2013 14:21 OPRM1 Result MCR OPRM1 Interpretation MCR Homozygous OPRM1 355A/355A [Asn/Asn]. This individual is homozygous for the  ${\tt OPRM1}$  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:	

Patient Name TESTINGRNV.OPRM1 NORM	Collection Date and Time 09/24/2013 09:07	Report Status Final
Page 1 of 1	03/24/2010 03:01	** End of Report **

<sup>\*</sup> Report times for Mayo performed tests are CST/CDT