

Laboratory Service Report

1-800-533-1710

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Patient Name TESTINGRNV,OPRMO AB	Patient ID SA00062781	Age 33	Gender F	Order # SA00062781	
Ordering Phys CLIENT,CLIENT			•	DOB 01/21/1980	
Client Order # SA00062781	Account Information			Report Notes	
Collected 09/24/2013 09:12	SDSC 2 - Client Suppor	C7028846-DLMP Rochester SDSC 2 - Client Support			
Printed 09/26/2013 13:47	Rochester, MN 55901				

Reference Perform
Test Flag Results Unit Value Site*

OPRM1 Genotype, Naltrexone, Saliva

For research use only.

RECEIVED: 09/25/2013 14:00 **REPORTED:** 09/25/2013 14:21

OPRM1 Result G/G

OPRM1 Reviewed by Jamie Bruflat

OPRM1 Interpretation

Homozygous OPRM1 355G/G [Asp/Asp]. This individual is homozygous for the OPRM1 355G allele which encodes for the Aspartic acid/Aspartic acid genotype. The Aspartic acid allele has been associated with better response to naltrexone treatment in alcoholics; including lower rate of relapse and a longer time to return to heavy drinking. 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.

* 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,OPRMO AB	09/24/2013 09:12	Final
Page 1 of 1		** End of Report **