

1-800-533-1710

PATIENT NAME			PATIENT NUI	MBER		AGE	SEX	ACCESSION #
TESTING, OPRM1						35	М	G9146092
ORDERING PHYSICIAN		CLIENT ORDER #					ACCOUNT #	
					1			LIAISONS
COLLECTION	RECEIVED		REPORT PRI	NTED	SPECIMEN INFORMA	TION		
03/12/10 12:30 P	03/12/10 1	2:30 P	03/26/10	12:19 P	DATE OF BIRTH:			
DATE TIME	DATE	TIME	DATE	TIME				
Test Client								
Attn: Mayo Liaisons								
200 First Street SW								
Rochester, MN 55905								
507-284-8202								

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TEST REQUESTED LO REF RANGE PERFORM SITE *

Rapid DNA Extraction

Comment Genomic DNA was MCR

extracted.

OPRM1 Genotype, Naltrexone Efficacy

OPRM1 Result A/G MCR
OPRM1 Interpretation MCR

Heterozygous OPRM1 355A/355G [Asn/Asp].

This individual is heterozygous for the OPRM1 355A/355G alleles which encode for the Asparagine/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.

OPRM1 Reviewed by Linnea M. Baudhuin, MCR

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.

Ph.D.

Research Use Only

* PERFORMING SITE

MCR Mayo Clinic Dpt of Lab Med & Pathology Lab Director: Franklin R. Cockerill, III, M.D.

* Perform Site Legend on last page of report

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TESTING, OPRM1	Final	03/12/10 12:30 P



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