

1-800-533-1710

PATIENT NAME			PATIENT NU	MBER		AGE	SEX	ACCESSION #
TESTING, 89096			L3MRNW40	L3MRNW4075936			F	W4075936
ORDERING PHYSICIAN			CLIENT ORD	CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION RECEIVED		REPORT PR	INTED	SPECIMEN INFORMA	TION			
04/22/11 11:57 A	04/22/11	11:57 A	04/25/11	10:10 A	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 REPORTED: 04/22/11 12:12 P

Comment Genomic DNA was MCR

extracted.

Dopamine Receptor D4 Genotype, B REPORTED: 04/22/11 12:21 P

48 BP Repeat Genotype 2/4 MCR Interpretation MCR

This genotype has not been studied adequately to predict the response to methylphenidate in individuals treated for attention deficit/hyperactivity disorder (ADHD). While individuals with homozygous 4 repeats have been associated with normal response to methylphenidate, individuals heterozygous for the 4 repeat and the other repeat number reported in this sample have not been studied. Caution should be exercised if methylphenidate is used to treat this condition as the response to average doses of the drug cannot be predicted on the basis of the DRD4 genotype observed.

Reviewed by John L. Black, M.D. MCR

This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

Analysis of DRD4 variable number tandem repeats (VNTRs) are performed by sizing of product amplicon following PCR amplification. Not all known mutations and polymorphisms of DRD4 will be detected using this assay. Absence of a detectable gene mutation or polymorphism does not rule out the possibility that a patient has another variation that can impact the function of this receptor, drug response, or drug side effects.

* Perform Site Legend on last page of report

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME			
TESTING, 89096	Final	04/22/11 11:57 A			



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								LIAISONS
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04/22/11 11:57 A	04/22/11 1	1:57 A	04/25/11	10:10 A	DATE OF BIRTH:			
DATE TIME	DATE	TIME	DATE	TIME				
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Rochester, MN 55905								
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TEST REQUESTED	LO					REF RAN	GE	PERFORM SITE *

* PERFORMING SITE

MCR	Mayo Clinic Dpt of Lab Med & Pathology	Lab Director: Franklin R. Cockerill, III, M.D.
	200 First Street SW Rochester, MN 55905	

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, 89096	Final	04/22/11 11:57 A