

Laboratory Service Report

1-800-533-1710

Patient Name REPORTVALIDATION, AUTOMATION DN	Patient ID RVDNPLB058	Age 40	Gender F	Order # RVDNPLB058
Ordering Phys				DOB 01/01/1971
Client Order # RVDNPLB058	Account Information			Report Notes
Collected 11/18/2011 11:28	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE			
Printed 11/21/2011 11:00	ROCHESTER,MN 55901			

Reference Perform Test Flag Results Unit Value Site*

DRD4 Genotype, Saliva REPORTED 11/19/2011 12:50

48 BP Repeat Genotype 4/4 MCR Reviewed by Jamie Bruflat MCR Interpretation MCR

This genotype has been associated with a better response rate to methylphenidate in individuals treated for attention deficit/hyperactivity disorder (ADHD). This individual may require average doses of methylphenidate when treating ADHD.

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.

Laboratory developed test.

* Performing Site:

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First St SW Rochester, MN 55905	Lab Director:	

Patient Name REPORTVALIDATION, AUTOMATION DN	Collection Date and Time 11/18/2011 11:28	Report Status Final
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^{*} Report times for Mayo performed tests are CST/CDT