

Patient Name SAMPLEREP,SLC10	Patient ID SA00048119	Age 46	Gender F	Order # SA00048119
Ordering Phys				DOB 06/10/1966
Client Order # SA00048119	Account Information			Report Notes
Collected 07/30/2012 13:00	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 08/23/2012 17:13				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Rapid DNA Extraction, Saliva				REPORTED 07/31/2012 10:50	
Comment		See Below			MCR
Result: Genomic DNA was extracted.					

SLC01B1 Genotype, Statin, Saliva				REPORTED 07/31/2012 10:46	
SLC01B1 Genotype Result		TT detected			MCR
SLC01B1 Interpretation					MCR
<p>The SLC01B1 *5 (c.521T>C, p.V174A) allele was not identified (i.e. TT genotype detected) in this individual. This decreases the risk of simvastatin-associated myopathy. However, myopathy related to simvastatin and other statins cannot be ruled out, since other statin intolerance factors may be present (e.g. other genetic factors, drug-drug interactions, etc.).</p> <p>Absence of the *5 allele does not rule out the possibility that a patient harbors another variation that can impact drug response or drug side effects. While SLC01B1 genotype has been shown to affect systemic exposure of other statins, there is less evidence demonstrating a clinical association between SLC01B1 genotype and myopathy with statins other than simvastatin.</p> <p>Direct polymorphism analysis of the SLC01B1 *5 (c.521T>C, p.V174A) allele is performed by a polymerase chain reaction (PCR)-based 5'-nuclease assay using fluorescently labeled detection probes. This DNA test will not detect all SLC01B1 genetic variants.</p> <p>Laboratory developed test.</p>					
Reviewed by		Jamie Bruflat			MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.
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Patient Name SAMPLEREP,SLC10	Collection Date and Time 07/30/2012 13:00	Report Status Final
Page 1 of 1		** End of Report **

* Report times for Mayo performed tests are CST/CDT