

Patient Name TESTINGRNV,HLA57AB	Patient ID SA00053505	Age 33	Gender F	Order # SA00053505
Ordering Phys CLIENT,CLIENT			DOB 01/21/1980	
Client Order # SA00053505	Account Information			Report Notes
Collected 02/06/2013 04:50	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 02/19/2013 09:58				

Test	Flag	Results	Unit	Reference Value	Perform Site*
HLA-B 5701 Genotype, Abacavir, B			REPORTED 02/08/2013 10:57		
HLA-B 5701 Result		Positive			MCR
HLA-B 5701 Interpretation		<p>This patient was found to have the HLA-B*5701 allele. This allele has been associated with a significant risk of abacavir hypersensitivity reactions (HSR). Treatment with abacavir is not recommended and should be considered only under exceptional circumstances when the potential benefits outweigh the risk. Should abacavir HSR develop, therapy should be discontinued immediately and permanently.</p> <p>The HLA-B*5701 allele is detected by allele specific amplification (IMGT/HLA accession number HLA00381). This assay also detects, but does not differentiate, closely related but very rare alleles including *5708, *5710, *5713, *5714, *5715, *5716 and *5514. In addition, novel HLA-B alleles have been reported to arise de novo in individuals. These closely related and de novo alleles are observed at a very low frequency and whether or not they are associated with abacavir HSR is unclear at this time.</p> <p>Interpretation is more critical when there is a clinical history of, or when the physician suspects, an abacavir hypersensitivity reaction. Since symptoms of abacavir hypersensitivity are often variable and non-specific and can imitate other conditions commonly seen in HIV patients in antiviral therapy, the phenotypic diagnosis of abacavir hypersensitivity can be quite challenging.</p> <p>Laboratory developed test.</p>			MCR
HLA-B 5701 Reviewed by		Jamie Bruflat			MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:
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Patient Name TESTINGRNV,HLA57AB	Collection Date and Time 02/06/2013 04:50	Report Status Final
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* Report times for Mayo performed tests are CST/CDT