MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,HL57OAB	SA00053596	33	F	SA00053596
Ordering Phys CLIENT,CLIENT				**DOB** 01/21/1980
Client Order # SA00053596	**Account Information**			**Report Notes**
Collected 02/10/2013 09:40	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 02/19/2013 09:56				

Test	Flag	Results	Unit	Reference Value	Perform Site*
HLAB 5701 Abacavir Genotype, Saliva			REPORTED 02/11/2013 10:04		
HLA-B 5701 Result		Positive			MCR
HLA-B 5701 Interpretation					MCR

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.
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.

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.
Laboratory developed test.

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:

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,HL57OAB	02/10/2013 09:40	Final
		** End of Report **

* Report times for Mayo performed tests are CST/CDT