

Laboratory Service Report

1-800-533-1710

Patient Name TESTINGRNV,HL57ON	Patient ID SA00053595	Age 33	Gender F	Order # SA00053595	
Ordering Phys CLIENT,CLIENT		·		DOB 01/21/1980	
Client Order # SA00053595	Account Information			Report Notes	
Collected 02/10/2013 09:38	C7028846-DLMP ROC 3050 SUPERIOR DRIV	/E			
Printed 02/19/2013 09:56	ROCHESTER,MN 559	01			

Perform Reference Test Flag Results Unit Value Site*

HLAB 5701 Abacavir Genotype, Saliva HLA-B 5701 Interpretation

HLA-B 5701 Result

Negative

REPORTED 02/11/2013 10:04

MCR MCR

This patient is at no greater risk than the general population for the development of abacavir hypersensitivity reaction (HSR). Though the likelihood of abacavir HSR is lower in this patient than in someone with the HLA-B*5701 allele, a negative result does not preclude the development of an allergic response to abacavir and cannot substitute for clinical vigilance whenever abacavir therapy is administered. Should abacavir HSR develop, therapy should

This patient was not found to have the HLA-B*5701 allele.

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: Franklin R. Cockerill, III, M.D.

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,HL57ON	02/10/2013 09:38	Final
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^{*} Report times for Mayo performed tests are CST/CDT