MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTINGRNV,ATLAS HLA58	SA00056469	7D	M	SA00056469
Ordering Phys CLIENT,CLIENT				**DOB** 04/01/2013
Client Order # SA00056469	**Account Information**			**Report Notes**
Collected 04/08/2013 13:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 05/03/2013 07:05				

Test	Flag	Results	Unit	Reference Value	Perform Site*
HLA-B 5801 Genotype, Allopurinol, B		REPORTED 04/09/2013 14:43			
HLA-B 5801 Result		Positive			MCR
HLA-B 5801 Interpretation					MCR

HLA-B*5801 was detected. Therapy with allopurinol should be avoided due to the risk of developing allopurinol hypersensitivity syndrome, such as Stevens-Johnson Syndrome or toxic epidermal necrolysis. Patients with the HLAB*5801 allele who are of Han Chinese or Thai descent are at high risk for allopurinol hypersensitivity syndrome. A similar but more modest association with allopurinol hypersensitivity has also been observed for individuals with HLA-B*5801 who are of European, Korean, and Japanese descent. The impact of this allele on risk of allopurinol hypersensitivity syndrome has not been established for other ethnic or racial groups. Therapy should be discontinued immediately and permanently if allopurinol hypersensitivity syndrome develops.
HLA-B genotyping is performed by allele-specific amplification (IMGT/HLA accession number HLA00386) to verify the presence or absence of the HLA-B*5801 allele. This assay also detects closely related, but rare, alleles including HLA-B*5705, *5804, *5805, *5809, *5810, *5811, *5812, *5813, *5815, *5817, *5819, *5821, *5822, *5823, *5824 and *5828. Other rare, undocumented alleles may occur and may or may not affect the results of this assay. There are, as yet, no data indicating whether these subtypes are associated with hypersensitivity. If results obtained do not match the clinical findings, additional testing should be considered.

Test results should be interpreted in the context of clinical findings, family history, and other laboratory data.

Bone marrow transplants from allogenic donors will interfere with testing. Call Mayo Medical Laboratories for instructions for testing patients who have received a bone marrow transplant.
Analyte Specific Reagent: This test was developed and its performance characteristics determined by Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

Reviewed by		LAURA TRAIN	MCR

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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>> Accession SA00056469 - Continued From Previous Page <<
>> Do Not Discard <<

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:

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