MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTING,9499				W1623863
Ordering Phys		**DOB**		
Client Order # W1623863	**Account Information** C7999998-STUSTEST 200 FIRST STREET SW ROCHESTER, MN 55901 (507)266-5730	**Report Notes**		
Collected 06/15/2009 09:37				
Printed 06/15/2009 09:45				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Alpha-Globin Gene Analysis			REPORTED 06/15/2009 09:42		
Specimen		Blood			MCR
Specimen ID		725675			MCR
Order Date		05 Jun 2009 15:42			MCR
Method					MCR

Polymerase Chain Reaction (PCR) and Multiplex Ligation Probe Amplification (MLPA) were used to detect deletion-type mutations within the alpha globin gene cluster. This method uses multiple probes that hybridize throughout the alpha-gene locus on chromosome 16 from the HS-40 promoter through the 3' hypervariable region (3'HVR).

Result MCR

No apparent deletions within the alpha globin gene cluster.

Interpretation MCR

These findings do not exclude the presence of non-deletion types of mutations, such as point mutations, which cannot be detected by this assay.

Because non-deletion type mutations cannot be detected, these results must be interpreted in light of clinical and other laboratory findings, such as hemoglobin electrophoresis, mean corpuscular volume (MCV), etc.

CAUTIONS:
Test results should be interpreted in context of clinical findings, family history, and other laboratory data. Misinterpretation of results may occur if the information provided is inaccurate or incomplete.

Rare polymorphisms exist that could lead to false negative or positive results. If results obtained do not match the clinical findings, additional testing should be considered.

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.

Reviewed By: MCR

Kevin Carl Halling MD, PhD
Nicole Lynn Hoppman-Chaney PhD

Release Date 12 Jun 2009 13:22 MCR

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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>> Accession W1623863 - Continued From Previous Page <<
>> Do Not Discard <<

* Performing Site:

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

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