

Patient Name SAMPLEREP, A1ATR	Patient ID SA00042653	Age 45	Gender F	Order # SA00042653
Ordering Phys				DOB 06/10/1966
Client Order # SA00042653	Account Information C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER, MN 55901			Report Notes
Collected 01/29/2012				
Printed 02/02/2012 08:49				

Test	Flag	Results	Unit	Reference Value	Perform Site*
A1AT Deficiency Profile			REPORTED 02/02/2012 07:39		
Alpha-1-Antitrypsin Genotyping, B		Alpha-1-Antitrypsin, S 125 mg/dL (100-190 mg/dL)			MCR
A1AT Genotype		S allele: Not detected. Z allele: Not detected.			MCR
Interpretation		The absence of the S and the Z allele, along with the observed serum level of alpha 1 antitrypsin (A1A), suggests that this patient does not have A1A deficiency.			MCR
<p>This result does not rule out the presence of other variants in the SERPINA1 gene. Therefore, this result should be interpreted in the context of clinical presentation and other laboratory tests.</p> <p>A genetic consultation may be of benefit.</p> <p>CAUTIONS: 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.</p> <p>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.</p> <p>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.</p> <p>Laboratory developed test.</p>					
Specimen		Blood			MCR
Specimen ID		1037674			MCR
Order Date		31 Jan 2012 08:03			MCR
Reason For Referral		Determine the A1A genotype.			MCR
Method		A PCR based analysis was used to specifically detect the S and Z alleles associated with A1A deficiency in the SERPINA1 gene. Other variants are not detected by this assay. The			MCR

Performing Site Legend on Last Page of Report

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Page 1 of 2		>> Continued on Next Page >>

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serum A1A level was measured by nephelometry.					
Extraction Performed?		Yes			MCR
Reviewed By Melody Elizabeth Kimball					MCR
Release Date		02 Feb 2012 07:36			MCR

* Performing Site:

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First St SW Rochester, MN 55905	Lab Director:
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Page 2 of 2		** End of Report **

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