MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTING,81153				W2909637
Ordering Phys		**DOB**		
Client Order # W2909637	**Account Information** C7999998-STUSTEST 200 FIRST STREET SW ROCHESTER, MN 55901 (507)266-5730	**Report Notes**		
Collected 10/13/2009 06:00				
Printed 10/14/2009 09:19				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Prader Willi/Angelman Mol Analysis		REPORTED 10/13/2009 14:35			
Specimen		Blood			MCR
Specimen ID		752017			MCR
Order Date		23 Sept 2009 07:15			MCR
Reason For Referral					MCR
Possible diagnosis of Prader-Willi (PW) or Angelman Syndrome (AS). Analyze the PW/AS critical region for alterations in the DNA methylation pattern.					
Method					MCR
Methylation-sensitive multiplex ligation-dependent probe amplification (MLPA) was used to test for the presence of large deletions, duplications and/or methylation defects in the Prader-Willi/Angelman syndrome (PW/AS) critical region.					
Result					MCR
MLPA demonstrated a normal methylation pattern. No deletions or duplications were detected. This indicates that both the maternally and paternally derived copies of the PW/AS critical region are present.					
Interpretation					MCR
Results suggest that this individual is unlikely to have either Prader-Willi or Angelman syndrome.					
Please note that we cannot entirely rule out the diagnosis of Prader-Willi syndrome, as a small number of patients with the clinical diagnosis of Prader-Willi syndrome (approximately 2%) have alterations (e.g. point mutations or small deletions) which are not detected by this assay. Additionally, the diagnosis of Angelman syndrome is not excluded because approximately 25% of patients with the Clinical diagnosis of Angelman syndrome have alterations (e.g. point mutations or small deletions) which are not detected by this assay.					
Because some chromosome abnormalities may have overlapping clinical features with Prader-Willi and Angelman syndrome, a standard chromosome study is recommended. If one has already been performed, please refer to that separate report for details.					
CAUTIONS: Test results should be interpreted in context of clinical findings, family history, and other laboratory data.					

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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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:	D Brian Dawson PhD	MCR
Release Date	08 Oct 2009 14:37	MCR

* 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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