MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,PWDNA A	SA00058855	46	F	SA00058855
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00058855	**Account Information**			**Report Notes**
Collected 06/06/2013 00:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 06/11/2013 16:09				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Prader Willi/Angelman Mol Analysis					
RECEIVED: 06/07/2013 15:53 **REPORTED:** 06/10/2013 16:39					
Specimen		Blood			MCR
Specimen ID		1062122			MCR
Order Date		10 Jun 2013 09:15			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 an abnormal methylation pattern. No deletions or duplications were detected. The abnormal methylation pattern suggests an absence of the maternally derived copy of the PW/AS critical region.					
Interpretation					MCR
These results are consistent with the diagnosis of Angelman syndrome. Please note that MLPA does not distinguish between paternal uniparental disomy (UPD) and the presence of an imprinting mutation. Additional studies involving molecular genetic analysis are required to distinguish between these possibilities. 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. Laboratory developed test.					

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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Reviewed By: Emily Christine Lauer					MCR
Release Date		10 Jun 2013 16:37			MCR

* Performing Site:

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

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