MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTING,88539				W2918209
Ordering Phys		**DOB**		
Client Order # W2918209	**Account Information** C7999998-STUSTEST 200 FIRST STREET SW ROCHESTER, MN 55901 (507)266-5730	**Report Notes**		
Collected 10/14/2009 07:44				
Printed 10/14/2009 12:19				

Test	Flag	Results	Unit	Reference Value	Perform Site*
STS, Xp22.3, FISH			REPORTED 10/14/2009 08:16		
Specimen		Blood			MCR
Specimen ID		657250			MCR
Order Date		19 Aug 2009 15:52			MCR
Reason for Referral		X-linked ichthyosis			MCR
Method					MCR
FISH for X-linked ichthyosis using a probe for the critical region (STS) at Xp22.3 and a control probe (DXZ1) at the X chromosome centromere.					
Result					MCR
ish del(X)(p22.3p22.3)(STS-,DXZ1+) STS did not hybridize to the X chromosome (identified by DXZ1) or any chromosome in ten metaphase cells.					
Interpretation					MCR
The result is abnormal. A deletion of the STS locus was observed, consistent with a diagnosis of Steroid Sulfatase Deficiency syndrome (X linked ichthyosis).					
FISH analysis is available for female relatives of affected males to determine carrier status. A genetic consultation may be of benefit. Ballabio et al., Am J Med Genet 41:184-7, 1991; Schnur et al., Am J Hum Genet 45:706-20, 1989.					
Chromosome studies are normal and reported separately.					
DISCLAIMER: This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic, Rochester, MN. It has not been cleared or approved by the U.S. Food and Drug Administration. This FISH assay does not rule out other chromosome abnormalities.					
Consultant					MCR
Rhett P Ketterling MD					
Released Date		20 Aug 2009 12:17			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.

Patient Name	Collection Date and Time	Report Status
TESTING,88539	10/14/2009 07:44	Final
Page 1 of 1		** End of Report **

* Report times for Mayo performed tests are CST/CDT