MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,HSEP	SA00059913	47	F	SA00059913
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00059913	**Account Information**			**Report Notes**
Collected 07/15/2013 14:08	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 07/15/2013 15:13				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Hereditary Spherocytosis Evaluation					
RECEIVED: 07/15/2013 14:36 **REPORTED:** 07/15/2013 15:01					
Osmotic Fragility					
Osmotic Fragility, 0.50 g/dL NaCl		25.0	%hemol	0.0-31.1	MCR
Osmotic Fragility, 0.60 g/dL NaCl		35.7	%hemol	10.9-65.5	MCR
Osmotic Fragility, 0.65 g/dL NaCl		18.1	%hemol	0.2-39.3	MCR
Osmotic Fragility, 0.75 g/dL NaCl		5.4	%hemol	0.0-10.9	MCR
Sex of Control Vial		Female			MCR
Spherocytosis Interpretation					MCR

Reviewed by KENNETH SWANSON

The normal osmotic fragility test results are not supportive of a diagnosis of hereditary spherocytosis.

In our experience, it is highly unusual for a patient with a normal osmotic fragility test to have an abnormal EMA binding (band 3 assay) result. However, rare cases of hereditary spherocytosis compounded with iron deficiency or thalassemia may have this testing pattern. If there is strong suspicion of hereditary spherocytosis, an additional assay can be performed (Band 3 fluorescence staining 83141). This test can be performed on the current specimen. An order for this must be phoned to MML (1-800-533-1710) by 7/22/2013.

* Performing Site:

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

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,HSEP	07/15/2013 14:08	Final
Page 1 of 1		** End of Report **

* Report times for Mayo performed tests are CST/CDT

TEST SITE