



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT W
WX0000003827 M 07/08/1978 45 Y

Referral Testing

Collected: 09/11/2023 14:17 Received: 09/11/2023 14:17

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Rows include Osmotic Fragility, RBC and various concentrations of NaCl.

-----ADDITIONAL INFORMATION-----
This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Osmotic Fragility Comment SEE BELOW MMRL

Reviewed by Xi Zhang, M.D., Ph.D.

Increased erythrocyte osmotic fragility. These results may be due to spherocytosis of any cause, such as hereditary spherocytosis, immune hemolytic anemia, or may reflect the presence of spherocytes that commonly are observed following blood transfusion. Some cases of congenital nonspherocytic hemolytic anemia may also be associated with increased osmotic fragility in this test. These include congenital hemolytic anemia due to pyruvate kinase deficiency or glucose-6-phosphate dehydrogenase deficiency or unstable hemoglobin hemolytic anemia. Some medications may cause an abnormal osmotic fragility. Results must be interpreted in the context of other clinical and laboratory data, including examination of close relatives (parents, siblings, children) to determine mode of inheritance, results of Coombs test, and erythrocyte morphology.

EMA binding (band 3 fluorescence staining) flow cytometry testing is available as a component of the RBC Membrane Evaluation (RBCME). If further evaluation for a red cell membrane disorder is desired, please order the RBCME test (unit code 64897). Additional sample required.

Shipping Control Vial Received MMRL

Test Performed by:
Mayo Clinic Laboratories - Rochester Main Campus
200 First Street SW, Rochester, MN 55905

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED



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Test Name Result Flag Ref-Ranges Units Site  
Lab Director: William G. Morice M.D. Ph.D.; CLIA# 24D0404292

Performing Site:  
MMRL: MAYO MEDICAL REFERENCE LAB 3050 Superior Drive NW Rochester MN 55901

Reported Date: 2023.09.12 14:19 OSFR

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED