Osmotic Fragility, Erythrocyte
ARUP test code 2002257

**Osmotic Fragility**

See Note

Patient red blood cells show moderately increased osmotic fragility. Peripheral blood smear reveals moderate spherocytes.

Patient red blood cells show moderately increased osmotic fragility. Any condition causing spherocytosis e.g. hereditary spherocytosis, or autoimmune hemolytic anemia would cause positivity. Correlation with clinical, peripheral smear evaluation and other laboratory data is highly recommended.

**INTERPRETIVE INFORMATION: Osmotic Fragility**

For patients with acute hemolysis, a normal red cell osmotic fragility test result cannot exclude an osmotic fragility abnormality since the osmotically labile cells may be hemolyzed and not present. Recommend testing during a state of prolonged homeostasis with stable hematocrit.

**VERIFIED/REPORTED DATES**

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