

TEST CHANGE

Osmotic Fragility, Erythrocyte

2002257, OSM FRG

Specimen Requirements:

Patient Preparation:

Collect: Green (sodium or lithium heparin) or lavender (EDTA).

Specimen Preparation: Transport 5mL whole blood in original tube. (Min: 1mL)
Specimens should be refrigerated within 30 minutes after collection. Also acceptable: whole blood in an ARUP standard transport tube.

Transport Temperature: Refrigerated.

Unacceptable Conditions: Grossly hemolyzed specimens.

Remarks:

Stability: Ambient: Unacceptable; Refrigerated: 72 hours; Frozen: Unacceptable

Methodology: Spectrophotometry

Note:

CPT Codes: 85555

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

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.

Reference Interval:

Refer to report [Within normal curve limits.](#)

Test Number	Components	Reference Interval
	Osmotic Fragility	Within normal curve limits.