

## RBC Osmotic Fragility

Order Name: **FRAGILITY**  
Test Number: 0104740  
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
RBC Osmotic Fragility	Spectrophotometry	

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	5mL + 2 Smears (1mL + 2 Smears)	Whole Blood	Sodium Heparin (Green Top / No-Gel)	Refrigerated
Alternate 1	5mL + 2 Smears (1mL + 2 Smears)	Whole Blood	EDTA (Lavender Top)	Refrigerated
Alternate 2	5mL (1mL + Smears)	Whole Blood	Lithium Heparin (Dark Green Top / No-Gel)	Refrigerated

**Instructions**

**Notes:** 1 mL (Note: This volume Does NOT allow for repeat testing).  
**Specimen Type:** Green-top (heparin) tube OR lavender-top (EDTA) tube AND (2) unfixed smears  
**Specimen Storage:** Refrigerate Stability: Room temperature: unacceptable Refrigerate: 72 hours Frozen: unacceptable  
**Specimen Collection:** **Draw specimen Mon-Wed ONLY.** Refrigerate specimens within 30 minutes of collection. Specimens must be received and testing performed by ARUP within 72 hours of collection.  
**Special Instructions:** Testing referred to ARUP Y8#2002257 NOTE: Draw specimen Mon-Wed ONLY. Please contact regional referral department to arrange transportation of time sensitive specimen  
**Specimen Stability:** Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available

### GENERAL INFORMATION

Expected TAT	5 - 8 days
Clinical Use	To confirm suspected red cell spherocytosis.
Performing Labcorp Test Code	284205
Notes	Labcorp Test Code: 284205
CPT Code(s)	85555; 80500
Lab Section	Reference Lab