


**RBC Osmotic Fragility**

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

TEST NAME	METHODOLOGY	LOINC CODE
RBC Osmotic Fragility	<u>Spectrophotometry</u>	

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

GENERAL INFORMATION	
Expected TAT	5 - 8 days
Clinical Use	To confirm suspected red cell spherocytosis.
Notes	Labcorp Test Code: 284205
CPT Code(s)	85555; 80500
Service Provided By	 <b>labcorp</b> Oklahoma, Inc.