

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

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|---------------------|--|
| 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 |  labcorp Oklahoma, Inc. |