

HEREDITARY  
SPHEROCYTOSIS  
SCREENING  
TEST

## Orderable - HS

Turnaround Time: 24 hours STAT: 4 hours

### Specimen:

Adult	Pediatric
4 mL K2 or K3 EDTA Lavender top Vacutainer tube	0-2 years: 0.5 mL Lavender Microtainer 2-10 years: 3 mL Lavender top



**Laboratory:**  
Flow Cytometry Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Flow cytometry



**Test Schedule:**  
Monday - Thursday  
0800 - 1500  
Friday  
0800 - 1200

### Collection Information:

Minimum volume required is 1.0 mL

Collect sample in time for testing by noon on Friday.

For referred-in (non-LHSC) samples:

1. Include the following:

- Requisition with patient demographics (HCN included)
- Relevant clinical history (reason for test request)
- CBC results
- A fax number to which the report can be sent

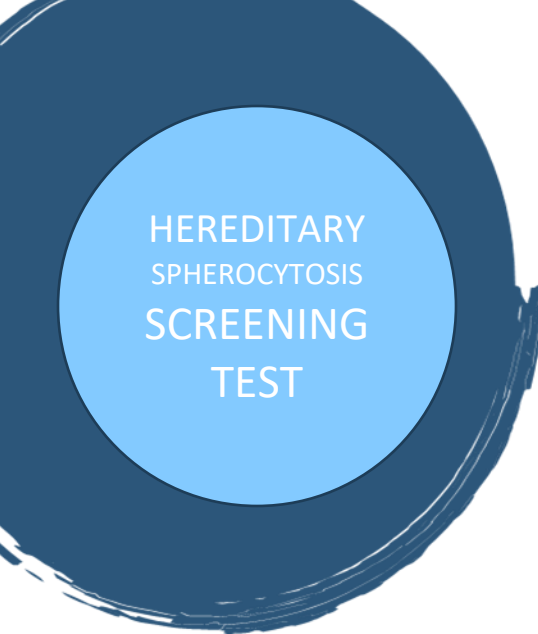
2. Send to:

Flow Cytometry  
Room D1-202  
London Health Sciences Centre  
800 Commissioners Rd, London, ON  
N6A 5W9

3. Notify the laboratory (519-685-8500 ext. 57450) prior to sending sample.

### Reference Ranges:

Negative for Hereditary Spherocytosis

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The screening test is negative for Hereditary Spherocytosis. The method is highly predictive for HS, however, may not be reliable in post-splenectomy patients or in Hereditary Spherocytosis due to an ankyrin deficiency.

**Positive:**

The screening test is positive for Hereditary Spherocytosis.

**Storage and Shipment:**

Ship sample at 4°C prior to testing (Do not freeze).

Samples are to be shipped within 4 hours of collection.

Samples must be received for testing within 12 hours of collection.

**Specimen Stability:**

Sample is stable for 72 hours at 4°C.