

# SICKLE CELL SCREEN

## Orderable - SICL

Turn Around Time: 4 hours

STAT: 1 hour

### Specimen:

Adult	Pediatric
4 mL K <sub>2</sub> or K <sub>3</sub> EDTA Lavender top Vacutainer tube	0-2 years: 0.5 mL Lavender top Microtainer 2-10 years: 2 mL Lavender top tube



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
NOVA CENTURY  
SCIENTIFIC kit



**Test Schedule:**  
As required

### Collection Information:

Collect blood aseptically in a Vacutainer tube.

Sickle cell screening is unreliable on children <6 months of age.

### Reference Ranges:

Negative

### Interpretive Comments:

The test is positive in sickle cell disease and sickle cell trait.

**All** positives should be further evaluated by Hemoglobin Electrophoresis.

### Comments:

The NOVA CENTURY SCIENTIFIC kit is a qualitative test and does not distinguish between sickle cell disease and sickle cell trait.

### Storage and Shipment:

Specimen storage is 2-8°C (fridge) and kept tightly capped and good for 1-6 weeks.  
Transport: 2-8°C (with ice but not in direct contact)