

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB** 7/26/1992  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Hemoglobin S, Sickle Solubility**

ARUP test code 2013399

**Sickle Cell Solubility Result**

**Positive**

INTERPRETIVE INFORMATION: Hemoglobin S, sickle solubility screen

This test is a qualitative, confirmatory test used to screen for Hb S by detecting the presence of Hb S only. This test does not differentiate hemoglobin S trait from homozygous sickle cell disease or other possible combinations such as: S/C, S/D, S/G, S/E, S/thalassemia, S/O-ARab, S/New York and C-Georgetown trait (Hb C-Harlem).

False negative results may be due to anemia, a lack of Hb S (20% or less Hb S) due to age in (neonates) or a recent transfusion. False negative results can also be seen in cases with elevated Hb F.

False positive results may be due to hypergammaglobulinemia (e.g. Multiple Myeloma), Erythrocytosis, extreme leukocytosis, hyperlipidemia, transfusions or a large number of nucleated RBCs. Some rare sickling hemoglobins such as Hb C-Harlem (C-Georgetown) and Hb I will also produce a positive result.

Positive results should be followed by hemoglobin testing by another methodology such as electrophoresis to confirm and quantitate the presence of hemoglobin S.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

**ARUP LABORATORIES | 800-522-2787 | aruplab.com**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 20-125-122623  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Sickle Cell Solubility Result	20-125-122623	5/4/2020 3:24:00 PM	5/6/2020 4:09:54 AM	5/6/2020 9:40:00 AM

END OF CHART

**H=High, L=Low, \*=Abnormal, C=Critical**

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Patient: Patient, Example  
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