

500 Chipeta Way, Salt Lake City, Utah 84108-1221

phone: 801-583-2787, toll free: 800-522-2787

Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Age/Sex: 9 years Male

Specimen Collected: 21-Jun-23 09:06

| Hemoglobin S Evaluation Procedure | Received: 21-Jun-23 09:07 | Report/Verified: 21-Jun-23 09:53 |                    |
|-----------------------------------|---------------------------|----------------------------------|--------------------|
| Procedure                         | Result                    | Units                            | Reference Interval |
| Hemoglobin S Evaluation           | Positive * f1 i1          |                                  | [Negative]         |

**Result Footnote**

f1: Hemoglobin S Evaluation

Hb, S % = 0.10

Abnormal hemoglobin other than Hemoglobin S present. For further clarification, Hemoglobin Evaluation with Reflex to Electrophoresis and/or RBC Solubility (ARUP test 0050610) or Hemoglobin Evaluation Reflexive Cascade (ARUP test 2005792) is recommended.

**Test Information**

i1: Hemoglobin S Evaluation

INTERPRETIVE INFORMATION: Hemoglobin S Evaluation

Negative: Negative for Hemoglobin S by HPLC. Solubility testing not performed.

Positive: Positive for Hemoglobin S by HPLC and confirmed by solubility testing.

Additional charges apply.

Conf Previous: Positive for Hemoglobin S by HPLC. Solubility testing performed previously and not repeated with this submission.

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). For further clarification, Hemoglobin Evaluation with Reflex to Electrophoresis and/or RBC Solubility (ARUP test code 0050610) is recommended.

\*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H=High, i=Test Information, L=Low, t=Interpretive Text, @=Performing lab

**Unless otherwise indicated, testing performed at:****ARUP Laboratories**

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

**ARUP Accession:** 23-172-900036**Report Request ID:** 17765604**Printed:** 21-Jun-23 14:14

Page 1 of 1