

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 4/8/2002
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

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.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Sickle Cell Solubility Result	24-067-120493	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 24-067-120493
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 5/10/2024 9:05:21 AM
4848