

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

Admitting Provider: Doctor, Example

Patient: Patient, Example

DOB: 1/12/1982
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Hemoglobin Evaluation by HPLC and Electrophoresis With Reflex to RBC Solubility

ARUP test code 3020911
Ordering Provider: Doctor, Example

Hemoglobin A	92.6 %	L	(Ref Interval: 95.0-97.9)
Hemoglobin A2	5.9 %	H	(Ref Interval: 2.0-3.5)
Hemoglobin F	1.5 %		(Ref Interval: 0.0-2.1)
Hemoglobin S	0.0 %		(Ref Interval: 0.0-0.0)
Hemoglobin C	0.0 %		(Ref Interval: 0.0-0.0)
Hemoglobin E	0.0 %		(Ref Interval: 0.0-0.0)
Hemoglobin Other	0.0 %		(Ref Interval: 0.0-0.0)

Hemoglobin Evaluation

HPLC Report

An elevated Hb A2 level can be seen in beta-thalassemia trait, megaloblastic anemia, unstable hemoglobin variants, hyperthyroidism, and with certain medications. Occasionally, minor components of hemoglobin variants eluting after Hb A2 may coelute with Hb A2 and cause elevated Hb A2 measurements. Please correlate clinically.

INTERPRETIVE INFORMATION: Hemoglobin HPLC and CE Eval with Reflex

HPLC Report: Results from HPLC are reported. Results were confirmed by capillary electrophoresis.
See CE Report: Results from capillary electrophoresis are reported under Hemoglobin Evaluation by Capillary Electrophoresis (3017102). Results were confirmed by HPLC.

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

Sickle Cell Solubility Reflex

Not Performed

INTERPRETIVE INFORMATION: Sickle Cell Solubility Reflex

Not Performed: Solubility testing for Hemoglobin S not indicated.

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

Unless otherwise indicated, testing performed at:



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.

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Hemoglobin A	26-229-173975	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin A2	26-229-173975	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin F	26-229-173975	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin S	26-229-173975	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin C	26-229-173975	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin E	26-229-173975	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin Other	26-229-173975	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin Evaluation	26-229-173975	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Sickle Cell Solubility Reflex	26-229-173975	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: