

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/26/1987
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Hemoglobin Evaluation Reflexive Cascade

ARUP test code 2005792

Hemoglobin A	96.6 %	(Ref Interval: 95.0-97.9)
Hemoglobin A2	3.0 %	(Ref Interval: 2.0-3.5)
Hemoglobin F	0.4 %	(Ref Interval: 0.0-2.1) REFERENCE INTERVAL: Hemoglobin F Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).
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)
Sickle Cell Solubility	Not Performed	
Hemoglobin, Capillary Electrophoresis	Performed	
Hemoglobin Evaluation	See Note	
Beta Globin Full Gene Sequencing	Not Applicable	

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

Beta Globin (HBB) Del/Dup Result Not Applicable

Alpha Thalassemia HBA1 and HBA2 Seq Not Applicable

Gamma Globin (HBG1 and HBG2) Sequencing Not Applicable

Hemoglobin Cascade Interpretation See Note

NORMAL HEMOGLOBIN EVALUATION

High performance liquid chromatography (HPLC) and capillary electrophoresis (CE) reveal a normal hemoglobin fractionation pattern. These results do not rule out a rare Greek beta thalassemia variant presenting with a normal Hb A2. These results also do not rule out a possibility of alpha globin gene deletion(s) associated with silent carrier status or alpha thalassemia trait; however, given the normal MCV value, alpha thalassemia is unlikely. Please correlate with clinical and laboratory findings.

Controls were run and performed as expected.
This result has been reviewed and approved by [REDACTED]

INTERPRETIVE INFORMATION: Hemoglobin Evaluation Reflexive Cascade

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.

Alpha Globin (HBA1 and HBA2) Del/Dup Rst Not Applicable

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hemoglobin A	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin A2	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin F	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin S	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin C	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin E	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin - Other	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Sickle Cell Solubility	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin, Capillary Electrophoresis	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin Evaluation	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Beta Globin Full Gene Sequencing	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Beta Globin (HBB) Del/Dup Result	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alpha Thalassemia HBA1 and HBA2 Seq	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Gamma Globin (HBG1 and HBG2) Sequencing	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hemoglobin Cascade Interpretation	22-306-400237	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alpha Globin (HBA1 and HBA2) Del/Dup Rst	22-306-400237	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: 22-306-400237
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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