

Client: ARUP Example Report Only
500 Chipeta Way
Salt Lake City, UT 84108
UNITED STATES

Physician: Test, Test

Patient: ARUPTest, 25864 Patient

DOB: 2/5/1987
Sex: Male
Patient Identifiers: 46192
Visit Number (FIN): 46601
Collection Date: 1/20/2026 10:14

Vitamin B7 (Biotin), Serum or Plasma

ARUP test code 3020435

Vitamin B7 (Biotin), Serum or Plasma

<0.050 ng/mL

Serum or Plasma

Reporting Limit: 0.050 ng/mL

Synonym(s): Vitamin B7

Reference range: < 4.4 ng/mL

The lower limit of quantification of the assay is 0.05 ng/mL. Within our reference population, more than 10% of our subjects have Vitamin B7 levels < 0.05 ng/mL. Biotin deficiency is a very rare clinical entity, and the diagnosis of biotin deficiency needs to be made from both laboratory data and clinical observations.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.

Digital data review may have taken place remotely by qualified NMS staff utilizing a secure VPN connection for some or all of the reported results. This is in accordance with and follows CLIA regulations.

Testing performed at NMS Labs, Inc.

200 Welsh Road

Horsham, PA 19044-2208

Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory

Director

CLIA 39D0197898

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Vitamin B7 (Biotin), Serum or Plasma	26-020-103973	1/20/2026 10:14:00 AM	1/20/2026 10:14:00 AM	1/20/2026 10:42:00 AM

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: ARUPTest, 25864 Patient
ARUP Accession: 26-020-103973
Patient Identifiers: 46192
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