

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 4/21/1991
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Gamma-Hydroxybutyric Acid (GHB), Urine - Screen with Reflex to Confirmation/Quantitation

ARUP test code 0091161

Gamma-Hydroxybutyric Acid Screen, Urine	See note mcg/mL Urine Reporting Limit: 5.0 mcg/mL Synonym(s): GHB; Gamma-Hydroxybutyrate Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s). Analysis by Gas Chromatography/Mass Spectrometry (GC/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. Testing performed at NMS Labs, Inc. 200 Welsh Road Horsham, PA 19044-2208 CLIA 39D0197898
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Gamma-Hydroxybutyric Acid (GHB) Confirmation, Urine

ARUP test code 0096081

Creatinine	1613 mg/L Urine Reporting Limit: 100 mg/L U.S. Population (10th - 90th percentiles, median) All participants: 335-2370 mg/L, median 1180 (n=22,245) Males: 495-2540 mg/L, median 1370 (n=10,610) Females: 273-2170 mg/L, median 994 (n=11,635) Analysis by Colorimetry (C)
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Gamma-Hydroxybutyric Acid, Confirmation	260 mcg/mL
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H=High, L=Low, *=Abnormal, C=Critical

Urine
Reporting Limit: 50 mcg/mL

Synonym(s): GHB; Gamma-Hydroxybutyrate
Endogenous GHB levels in healthy adults have been determined to range up to 6.6 mcg/mL.
Sixteen healthy adults given a single oral dose (50 mg/kg) developed urine levels averaging: 168 mcg/mL during the 0 to 3 hour post-dose interval, 157 mcg/mL during the 3 to 6 hour period and 3.8 mcg/mL for the 6 to 12 hour window.
The value reported for GHB is a total of GHB and its lactone (GBL) in the specimen.
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

GHB (Creatinine corrected)

160 mg/g

Urine
Reporting Limit: 30 mg/g Creat

Endogenous creatinine corrected results did not exceed 10 mg/g among unexposed pregnant females (n=66), non-pregnant females (n=105) and males (n=22) in three peer reviewed studies.
Analysis by Gas Chromatography/Mass Spectrometry (GC/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
CLIA 39D0197898

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Gamma-Hydroxybutyric Acid Screen, Urine	24-048-400050	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine	24-048-400050	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Gamma-Hydroxybutyric Acid, Confirmation	24-048-400050	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
GHB (Creatinine corrected)	24-048-400050	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: 24-048-400050
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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