

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/11/1989
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

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: 2.0 mcg/mL
Synonym(s): Gamma-Hydroxybutyrate; GHB
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)
Testing performed at NMS Labs, Inc.
3701 Welsh Road
Willow Grove, PA 19090-2910
CLIA 39D0197898

Gamma-Hydroxybutyric Acid (GHB) Confirmation, Urine

ARUP test code 0096081

Creatinine **6000 mg/L H**
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)

Gamma-Hydroxybutyric Acid, Confirmation 100 mcg/mL

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

Unless otherwise indicated, testing performed at:

Urine
Reporting Limit: 2.0 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)

16 mg/g

Urine
Reporting Limit: 0.33 mg/g Creat
Synonym(s): GHB; Gamma-Hydroxybutyrate
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)
Testing performed at NMS Labs, Inc.
3701 Welsh Road
Willow Grove, PA 19090-2910
CLIA 39D0197898

Specific Gravity Confirmation, Urine

ARUP test code 2006520

Specific Gravity Confirmation, Urine

1.010

Urine
Physiologic range: 1.010 - 1.030.
Samples with specific gravity lower than 1.010 are too dilute and should be recollected.
Analysis by Refractometer (REF)
Testing performed at NMS Labs, Inc.
3701 Welsh Road
Willow Grove, PA 19090-2910
CLIA 39D0197898

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Gamma-Hydroxybutyric Acid Screen, Urine	18-225-104551	8/13/2018 10:18:00 AM	8/13/2018 10:20:27 AM	8/13/2018 11:59:00 AM
Creatinine	18-225-104551	8/13/2018 10:18:00 AM	8/13/2018 11:57:08 AM	8/13/2018 11:59:00 AM
Gamma-Hydroxybutyric Acid, Confirmation	18-225-104551	8/13/2018 10:18:00 AM	8/13/2018 11:57:08 AM	8/13/2018 11:59:00 AM
GHB (Creatinine corrected)	18-225-104551	8/13/2018 10:18:00 AM	8/13/2018 11:57:08 AM	8/13/2018 11:59:00 AM
Specific Gravity Confirmation, Urine	18-225-104551	8/13/2018 10:18:00 AM	8/13/2018 11:57:59 AM	8/13/2018 11:59:00 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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 18-225-104551
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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