

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 9/9/1975  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Ethyl Glucuronide and Ethyl Sulfate, Urine, Quantitative**

ARUP test code 2007909

Ethyl Glucuronide, Urn, Quant 950 ng/mL

Ethyl Sulfate, Urn, Quant 360 ng/mL

**INTERPRETIVE INFORMATION:** Ethyl Glucuronide and Ethyl Sulfate, Urine Quantitative

Ethyl glucuronide (EtG) and Ethyl Sulfate (EtS) are direct metabolites of ethanol. EtG and EtS can be detected up to 80 hours in urine after ethanol ingestion and the presence of both metabolites can be used as markers for recent alcohol use. The presence of EtG, alone in urine, is not a unique marker of ethanol ingestion. False positive EtG results can occur from microbial formation or from fermentation and false negative EtG results can occur from bacterial degradation. The analytical measurement range is 100-10,000 ng/mL.

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.

**Ethyl Glucuronide Screen with Reflex to Confirmation, Urine**

ARUP test code 2007912

Ethyl Glucuronide Screen w/Rflx, Urine Positive ng/mL (Ref Interval: Cutoff 500)

If the screen is positive, then confirmation testing by mass spectrometry will be added. Additional charges will apply.

**INTERPRETIVE INFORMATION:** Ethyl Glucuronide Screen with Reflex to Confirmation, Urine

Ethyl glucuronide is a direct metabolite of ethanol and can be detected up to 80 hours in urine after ethanol ingestion. The cutoff for positive by immunoassay is set at 500 ng/mL. A positive result will be confirmed by liquid chromatography tandem mass spectrometry (LC-MS/MS).

**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: 22-080-100940  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Ethyl Glucuronide Screen w/Rflx, Urine	22-080-100940	3/21/2022 1:16:00 AM	3/22/2022 12:54:10 AM	3/22/2022 3:17:00 PM
Ethyl Glucuronide, Urn, Quant	22-080-100940	3/21/2022 1:16:00 AM	3/22/2022 3:16:41 PM	3/24/2022 12:54:00 AM
Ethyl Sulfate, Urn, Quant	22-080-100940	3/21/2022 1:16:00 AM	3/22/2022 3:16:41 PM	3/24/2022 12:54:00 AM

END OF CHART

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

Unless otherwise indicated, testing performed at:

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Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-080-100940  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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