

## Patient Report | FINAL

Client: Example Client ABC123 **Patient: Patient, Example** 123 Test Drive **DOB** 10/18/1954 Salt Lake City, UT 84108 UNITED STATES Sex: Female **Patient Identifiers:** 01234567890ABCD, 012345 Physician: Doctor, Example **Visit Number (FIN):** 01234567890ABCD **Collection Date:** 01/01/2017 12:34

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



## Benzodiazepines, Serum or Plasma, Quantitative

ARUP test code 2010445

Diazepam, S/P, Quant

166 ng/mL

Consistent with use of a drug containing diazepam, such as Valium; metabolites include nordiazepam, temazepam, and oxazepam.

INTERPRETIVE INFORMATION: Benzodiazepines, Serum or Plasma, Quantitative

Methodology: Quantitative Liquid Chromatography-Tandem Mass Spectrometry.

Positive cutoff: 20 ng/mL unless specified below:

Diazepam

5 ng/mL Alprazolam 5 ng/mL 5 ng/mL Alpha-hydroxyalprazolam Clonazepam 7-aminoclonazepam 5 ng/mL

For medical purposes only; not valid for forensic use.

Identification of specific drug(s) taken by specimen donor is problematic due to common metabolites, some of which are problematic due to Common metabolities, some of which are prescription drugs themselves. The absence of expected drug(s) and/or drug metabolite(s) may indicate non-compliance, inappropriate timing of specimen collection relative to drug administration, poor drug absorption, or limitations of testing. The concentration value must be greater than or equal to the cutoff to be reported as positive. Interpretive questions should be directed to the laboratory.

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.

Nordiazepam, S/P, Quant

412 ng/mL

Metabolite of several benzodiazepines, such as chlordiazepoxide (Librium), prazepam (Centrax), halezepam (Alapryl), clorazepate (Tranxene), and others.

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Unless otherwise indicated, testing performed at:



Oxazepam, S/P, Quant	<20 ng/mL
Temazepam, S/P, Quant	<20 ng/mL
Chlordiazepoxide, S/P, Quant	<20 ng/mL
Lorazepam, S/P, Quant	<20 ng/mL
Alprazolam, S/P, Quant	<5 ng/mL
Alpha-hydroxyalprazolam, S/P, Quant	<5 ng/mL
Clonazepam, S/P, Quant	<5 ng/mL
7-aminoclonazepam, S/P, Quant	<5 ng/mL
Midazolam, S/P, Quant	<20 ng/mL
Alpha-hydroxymidazolam, S/P, Quant	<20 ng/mL

VERIFIED/REPORTED DATES						
Procedure	Accession	Collected	Received	Verified/Reported		
Discourage S/B Owent	20 444 40	=/04/00000 040 00 DM	=/oo/oooo ooo DM	=/00/0000 0: 40:00 PM		
Diazepam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
Nordiazepam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
Oxazepam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
Temazepam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
Chlordiazepoxide, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
Lorazepam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
Alprazolam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
Alpha-hydroxyalprazolam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
Clonazepam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		
7-aminoclonazepam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM		

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Unless otherwise indicated, testing performed at:



## 800-522-2787 | aruplab.com 500 Chipeta Way, Salt Lake City, UT 84108-1221 Jonathan R. Genzen, MD, PhD, Chief Medical Officer

## Patient Report | FINAL

Midazolam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM
Alpha-hydroxymidazolam, S/P, Quant	22-141-105579	5/21/2022 9:10 00 PM	5/23/2022 2:00:21 PM	5/28/2022 3:48:00 PM

END OF CHART

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