

Client: ARUP Physician Services
321 TESTING ANSR EXTRACT
Salt Lake City, NY 84108

Physician: TEST, DR

Patient: ARUPTEST, 2008291 2019

DOB 10/18/1980
Gender: Unknown
Patient Identifiers: 536598
Visit Number (FIN): 559289
Collection Date: 2/7/2019 09:42

Benzodiazepines - Confirmation/Quantitation - Urine

ARUP test code 2008291

Alprazolam, Urn, Quant	<5 ng/mL Cutoff: 5 ng/mL
Alpha-hydroxyalprazolam, Urn, Quant	<5 ng/mL Cutoff: 5 ng/mL
Clonazepam, Urn, Quant	<5 ng/mL Cutoff: 5 ng/mL
7-aminoclonazepam, Urn, Quant	<5 ng/mL Cutoff: 5 ng/mL
Chlordiazepoxide, Urn, Quant	<20 ng/mL Cutoff: 20 ng/mL
Diazepam, Urn, Quant	22 ng/mL Consistent with use of a drug containing diazepam, such as Valium; metabolites include nordiazepam, temazepam, and oxazepam. Cutoff: 20 ng/mL
Nordiazepam, Urn, Quant	1410 ng/mL Metabolite of several benzodiazepines, such as chlordiazepoxide (Librium), clorazepate (Tranxene), diazepam (Valium), halazepam (Alapryl), prazepam (Centrax), and others. Nordiazepam is metabolized to oxazepam. Cutoff: 20 ng/mL
Temazepam, Urn, Quant	2185 ng/mL Consistent with use of a drug containing temazepam, such as Restoril, or use of a drug that is metabolized to temazepam. Temazepam is metabolized to oxazepam.

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

Cutoff: 20 ng/mL

Oxazepam, Urn, Quant

2090 ng/mL

Consistent with use of a drug containing oxazepam, such as Serax, or use of a drug that is metabolized to oxazepam.

Cutoff: 20 ng/mL

Lorazepam, Urn, Quant

<20 ng/mL

Cutoff: 20 ng/mL

Midazolam, Urn, Quant

<20 ng/mL

Cutoff: 20 ng/mL

Alpha-hydroxymidazolam, Urn, Quant

<20 ng/mL

Cutoff: 20 ng/mL

INTERPRETIVE INFORMATION: Benzodiazepines, Urine,
QuantitativeMethodology: Quantitative Liquid Chromatography-Tandem Mass
Spectrometry

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 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, diluted/adulterated urine, 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.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

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VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Alprazolam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Alpha-hydroxyalprazolam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Clonazepam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
7-aminoclonazepam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Chlordiazepoxide, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Diazepam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Nordiazepam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Temazepam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Oxazepam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Lorazepam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Midazolam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM
Alpha-hydroxymidazolam, Urn, Quant	19-038-100014	2/7/2019 9:42:00 AM	2/7/2019 10:04:15 AM	2/7/2019 10:09:46 AM

END OF CHART

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