
Lab Dept: Chemistry

Test Name: BENZODIAZEPINE CONFIRMATION, URINE

General Information

Lab Order Codes: BECON

Synonyms: Diazepam; desmethyldiazepam; oxazepam; temazepam; alprazolam; alpha-hydroxyalprazolam

CPT Codes: 80346 - Benzodiazepines; 1-12
OR
G0480 – Drug, test, definitive (if appropriate)

Test Includes: Confirmation testing for benzodiazepines at the care provider's request based on a positive screening found during [Drugs of Abuse, Urine](#) testing.

Logistics

Test Indications: Confirmation of positive screening test.

Lab Testing Sections: Chemistry - Sendouts

Referred to: MedTox Laboratories (Test: 21396)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 day or 4 hours, Stat

Special Instructions: N/A

Specimen

Specimen Type: Urine, random or spot urine collection

Container: Urine cup

Draw Volume: 20 mL (Minimum: 5 mL) urine

Note: Submission of the minimum volume results in an elevated reporting limit and inability to repeat analysis.

Processed Volume:	Same as Draw Volume
Collection:	Random urine collection
Special Processing:	Lab Staff: No preservative. Refrigerate specimen after collection. Centrifuge specimens containing particulates.
Patient Preparation:	None
Sample Rejection:	Unlabeled specimen or mislabeled specimen

Interpretive

Reference Range:	Negative Note: Results are reported to the limit of quantitation for the analysis.
Critical Values:	N/A
Limitations:	Drugs Confirmation Threshold: desmethyldiazepam, oxazepam, temazepam and lorazepam 300 ng/mL; alprazolam and metabolite (alpha-hydroxyalprazolam) 100 ng/mL
Methodology:	Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)
References:	MedTox Laboratories Web Page December 2017
Updates:	3/31/2009: CPT update, previously listed as 80102. Volume certification from MedTox (Noelle/Beth) for pediatric minimum. 5/6/2010: CPT update, previously listed as 82541. 1/12/2015: CPT update, previously listed as 82542. 2/2/2016: CPT update 12/19/2017: Updated minimum volume.