



Reporting Title: Benzodiazepines Conf, CoC, U

Performing Location: Rochester

Specimen Requirements:

Supplies: Chain of Custody Kit (T282)

Container/Tube: Chain of custody kit containing the specimen containers, seals, and documentation required

Specimen Volume: 5 mL

Collection Instructions: Collect specimen in the container provided, seal, and submit with the associated documentation to satisfy the legal requirements for chain-of-custody testing.

Additional Information: Submitting less than 5 mL will compromise the ability to perform all necessary testing.

Specimen Minimum Volume:

1 mL

Forms:

1. Chain of Custody Request is included in the Chain of Custody Kit (T282).
2. If not ordering electronically, complete, print, and send a Therapeutics Test Request (T831) with the specimen.

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------------|---------|-------------------|
| Urine | Refrigerated (preferred) | 7 days | |
| | Frozen | 14 days | |

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|-------------------------------------|--------------|-------|---------|
| 608452 | Benzodiazepines Immunoassay Screen | Alphanumeric | | 14316-4 |
| 608280 | Alprazolam by LC-MS/MS | Alphanumeric | ng/mL | 59615-5 |
| 608281 | Alpha-Hydroxyalprazolam by LC-MS/MS | Alphanumeric | ng/mL | 16348-5 |
| 608282 | Chlordiazepoxide by LC-MS/MS | Alphanumeric | ng/mL | 20522-9 |
| 608283 | Clonazepam by LC-MS/MS | Alphanumeric | ng/mL | 16229-7 |
| 608284 | 7-aminoclonazepam by LC-MS/MS | Alphanumeric | ng/mL | 51776-3 |
| 608285 | Diazepam by LC-MS/MS | Alphanumeric | ng/mL | 16227-1 |
| 608286 | Nordiazepam by LC-MS/MS | Alphanumeric | ng/mL | 16228-9 |
| 608287 | Midazolam by LC-MS/MS | Alphanumeric | ng/mL | 16233-9 |



| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|---|--------------|-------|---------|
| 608288 | Alpha-Hydroxy Midazolam by LC-MS/MS | Alphanumeric | ng/mL | 59590-0 |
| 608289 | Oxazepam by LC-MS/MS | Alphanumeric | ng/mL | 16201-6 |
| 608290 | Temazepam by LC-MS/MS | Alphanumeric | ng/mL | 20559-1 |
| 608291 | Clobazam by LC-MS/MS | Alphanumeric | ng/mL | 59635-3 |
| 608292 | N-Desmethyclobazam by LC-MS/MS | Alphanumeric | ng/mL | 97160-6 |
| 608293 | Flunitrazepam by LC-MS/MS | Alphanumeric | ng/mL | 20528-6 |
| 608294 | 7-aminoflunitrazepam by LC-MS/MS | Alphanumeric | ng/mL | 51777-1 |
| 608295 | Flurazepam by LC-MS/MS | Alphanumeric | ng/mL | 16231-3 |
| 608296 | 2-Hydroxy Ethyl Flurazepam by LC-MS/MS | Alphanumeric | ng/mL | 97159-8 |
| 608297 | Lorazepam by LC-MS/MS | Alphanumeric | ng/mL | 17088-6 |
| 608298 | Prazepam by LC-MS/MS | Alphanumeric | ng/mL | 17479-7 |
| 608299 | Triazolam by LC-MS/MS | Alphanumeric | ng/mL | 16232-1 |
| 608300 | Alpha-Hydroxy Triazolam by LC-MS/MS | Alphanumeric | ng/mL | 49876-6 |
| 608301 | Zolpidem by LC-MS/MS | Alphanumeric | ng/mL | 72770-1 |
| 608302 | Zolpidem Phenyl-4-Carboxylic acid by LC-MS/MS | Alphanumeric | ng/mL | 72768-5 |
| 608449 | Benzodiazepines Interpretation | Alphanumeric | | 69050-3 |
| 608450 | Chain of Custody | Alphanumeric | | 77202-0 |

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

80347

G0480 (if appropriate)

Reflex Tests:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---------|-----------------------------|-----------|----------|------------------|----------------------|
| COCH | Chain of Custody Processing | | | Yes | No |



| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---------|----------------------------|-----------|----------|------------------|----------------------|
| ADLTX | Adulterants Survey, CoC, U | | | Yes | Yes |

Result Codes for Reflex Tests:

| Test ID | Result ID | Reporting Name | Type | Unit | LOINC® |
|---------|-----------|------------------|--------------|-------|---------|
| ADLTX | 36121 | Creatinine, U | Numeric | mg/dL | 2161-8 |
| ADLTX | 36122 | Specific Gravity | Numeric | | 5810-7 |
| ADLTX | 36123 | pH | Numeric | | 2756-5 |
| ADLTX | 36124 | Oxidants | Alphanumeric | | 58714-7 |
| ADLTX | 36125 | Nitrites | Alphanumeric | | 32710-6 |
| ADLTX | 36126 | Comment | Alphanumeric | | 48767-8 |

Reference Values:

Negative

Cutoff concentrations by liquid chromatography- tandem mass spectroscopy:

Alprazolam: 10 ng/mL

Alpha-hydroxyalprazolam: 10 ng/mL

Chlordiazepoxide: 10 ng/mL

Clonazepam: 10 ng/mL

7-Aminoclonazepam: 10 ng/mL

Diazepam: 10 ng/mL

Nordiazepam: 10 ng/mL

Midazolam: 10 ng/mL

Alpha-hydroxy midazolam: 10 ng/mL

Oxazepam: 10 ng/mL

Temazepam: 10 ng/mL

Clobazam: 10 ng/mL

N-Desmethyclobazam by LC-MS/MS: 10 ng/mL

Flunitrazepam: 10 ng/mL

7-Aminoflunitrazepam: 10 ng/mL

Flurazepam: 10 ng/mL

2-Hydroxy ethyl flurazepam: 10 ng/mL

Lorazepam: 10 ng/mL

Prazepam: 10 ng/mL

Triazolam: 10 ng/mL

Alpha-hydroxy triazolam: 10 ng/mL

Zolpidem: 10 ng/mL

Zolpidem phenyl-4-carboxylic acid: 10 ng/mL