

**Reporting Title:** Barbiturates Confirmation, CoC, U  
**Performing Location:** Rochester

**Specimen Requirements:**

**Supplies:** Chain of Custody Kit (T282)  
**Container/Tube:** Chain of custody kit (T282) containing the specimen containers, seals, and documentation required  
**Specimen Volume:** 10 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 10 mL will compromise the ability to perform all necessary testing.

**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) | 14 days  |                   |
|               | Frozen                   | 14 days  |                   |
|               | Ambient                  | 72 hours |                   |

**Result Codes:**

| Result ID | Reporting Name                  | Type         | Unit  | LOINC®  |
|-----------|---------------------------------|--------------|-------|---------|
| 6668      | Barbiturates Immunoassay Screen | Alphanumeric |       | 70155-7 |
| 36143     | Butalbital-by GC/MS             | Alphanumeric | ng/mL | 16237-0 |
| 36144     | Amobarbital-by GC/MS            | Alphanumeric | ng/mL | 16239-6 |
| 36145     | Pentobarbital-by GC/MS          | Alphanumeric | ng/mL | 16240-4 |
| 36146     | Secobarbital-by GC/MS           | Alphanumeric | ng/mL | 16238-8 |
| 36147     | Phenobarbital-by GC/MS          | Alphanumeric | ng/mL | 16241-2 |
| 36148     | Barbiturates Interpretation     | Alphanumeric |       | 69050-3 |
| 36149     | Chain of Custody                | Alphanumeric |       | 77202-0 |

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**  
No

**CPT Code Information:**  
80345  
G0480 (if appropriate)

**Reflex Tests:**

| Test Id | Reporting Name              | CPT Units | CPT Code | Always Performed | Available Separately |
|---------|-----------------------------|-----------|----------|------------------|----------------------|
| COCH    | Chain of Custody Processing | 1         | 99001    | Yes              | No                   |
| ADLTX   | Adulterants Survey, CoC, U  | 1         | 81005    | 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:

IMMUNOASSAY SCREEN  
<200 ng/mL

GAS CHROMATOGRAPHY MASS SPECTROSCOPY:  
Butalbital: <100 ng/mL  
Amobarbital <100 ng/mL  
Pentobarbital <100 ng/mL  
Secobarbital <100 ng/mL  
Phenobarbital <100 ng/mL