

**Reporting Title:** Barbiturates Confirmation, CoC, U  
**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive

**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	
	Ambient	72 hours	
	Frozen	14 days	

**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			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		In Process
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

Positive results are reported with a quantitative result.

Cutoff concentrations:

Immunoassay screen: 200 ng/mL

Gas chromatography mass spectrometry:

Butalbital: 100 ng/mL

Amobarbital: 100 ng/mL

Pentobarbital: 100 ng/mL

Secobarbital: 100 ng/mL

Phenobarbital: 100 ng/mL