MAYO CLINIC
Mayo Medical Laboratories

Test Definition: FSED

Sedative Hypnotic Panel, Urine-Forensic

Reporting Title: Sedative Hypnotic Panel, Urine
Performing Location: Medtox Laboratories, Inc

Specimen Requirements:

Random or spot urine collection, submit 10 mL of urine, shipped refrigerate.
Note: Submission of the minimum volume results in an elevated reporting limit and inability to repeat analysis.

Specimen Type	Temperature	Time
Urine	Refrigerated (preferred)	
	Ambient	72 hours
	Frozen	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z1101	Alcohol, Ethyl	Alphanumeric	gm/dL	In Process
Z1102	Barbiturates	Alphanumeric	ng/mL	In Process
Z1103	Flunitrazepam	Alphanumeric	ng/mL	In Process
Z1104	Benzodiazepines	Alphanumeric	ng/mL	In Process
Z1105	Ketamine	Alphanumeric		In Process
Z1106	Gamma-Hydroxybutyric Acid (GHB)	Alphanumeric	ug/mL	In Process

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Column chromatography	1	82541		
Billing only	Chromatography, quantitative, column	1	82491		
Billing only	Alcohol (ethanol)	1	82055		
Billing only	single drug class method	3	80101		

Reference Values:

Ethyl Alcohol is screened by an enzymatic method; positive results are confirmed by Gas Chromatography (GC).
Drugs are screened by Immunoassay; positive results are confirmed by Gas Chromatography with Mass Spectrometry (GC/MS). The following threshold concentrations are used for this analysis.

Drug	Screening Threshold	Confirmation Threshold
Ethyl Alcohol	0.020 gm/dL	0.020 gm/dL
Barbiturates	300 ng/mL	100 ng/mL
Benzodiazepines	100 ng/mL	75 ng/mL
Flunitrazepam	100 ng/mL	300 ng/Ml

Ketamine
Gamma-Hydroxybutyric Acid (GHB): Negative

Test Performed By: Medtox Laboratories, Inc.
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St. Paul, MN 55112