MAYO CLINIC
Mayo Medical Laboratories

Test Definition: CDAU

Drug Abuse Survey with Confirmation, Urine

Reporting Title: Confirmed Drug Abuse Survey, U
Performing Location: Rochester

Specimen Requirements:

Collection Container/Tube: Plastic urine container
Submission Container/Tube: Plastic, 60-mL urine bottle
Specimen Volume: 30 mL
Collection Instructions:
1. Collect a random urine specimen.
2. Submit 30 mL in 1 plastic bottle.
3. No preservative.
Additional Information:
1. No specimen substitutions.
2. No STATS are accepted for this procedure.
3. For situations where chain-of-custody is required, a Chain-of-Custody Kit (Supply T282) is available. For chain-of-custody information, see COCH/9426 Chain-of-Custody Processing.
4. Additional drug panels and specific requests are available. Call Mayo Medical Laboratories at 800-533-1710 or 507-266-5700.

Specimen Type	Temperature	Time
Urine	Refrigerated (preferred)	14 days
	Ambient	72 hours
	Frozen	14 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
30909	Alcohol **Also used by tests: IDOAU, CDAU7, CDAU1**	Numeric	mg/dL	
2573	Amphetamines **Also used by tests: CDAU5, CDAU7, CDAU3, CDAU1, CDAU2**	Numeric	ng/mL	
2574	Barbiturates **Also used by tests: CDAU1, IDOAU, CDAU7, CDAU3, CDAU2**	Numeric	ng/mL	
2575	Benzodiazepines **Also used by tests: CDAU3, CDAU7**	Numeric	ng/mL	

Result ID	Reporting Name	Type	Unit	LOINC®
21652	Cocaine **Also used by tests: CDAU2, CDAU3, CDAU7, CDAU5, CDAU1**	Numeric	ng/mL	
2577	Opiates **Also used by tests: CDAU1, CDAU3, CDAU2, CDAU7, IDOAU, CDAU5**	Numeric	ng/mL	
2578	Phencyclidine **Also used by tests: CDAU1, CDAU5, CDAU3, CDAU2, IDOAU, CDAU7**	Numeric	ng/mL	
2664	Tetrahydrocannabinol **Also used by tests: CDAU5, CDAU3, CDAU7**	Numeric	ng/mL	
20672	Chain of Custody **Also used by tests: CDAU1, IDOAU, CDAU5, CDAU2, CDAU3, CDAU7**	Numeric		

CPT Code: 1 × 80104

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
AMPHU	Amphetamines, U	2	82145	No	Yes
ADULT	Adulterants Survey, U			Yes	No
OPATU	Opiates, U	1	83925	No	Yes
BENZU	Benzodiazepine Confirmation, U	1	80154	No	Yes
BARBU	Barbiturate Confirmation, U	1	82205	No	Yes
COKEU	Cocaine Confirmation, U	1	82520	No	Yes
ETOH	Ethanol, U	1	82055	No	No
PCPU	Phencyclidine Confirmation, U	1	83992	No	Yes
THCU	Tetrahydrocannabinol Conf, U	1	80299	No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
AMPHU	6538	Immunoassay Screen	Numeric		
AMPHU	2934	Amphetamine-by GC/MS	Alphanumeric	ng/mL	
AMPHU	29278	Phentermine-by GC/MS	Alphanumeric	ng/mL	
AMPHU	2550	Methamphetamine-by GC/MS	Alphanumeric	ng/mL	
AMPHU	29279	Pseudoephedrine/Ephedrine-by GC/MS	Alphanumeric	ng/mL	
AMPHU	29280	MDA (Ecstasy metabolite)-by GC/MS	Alphanumeric	ng/mL	
AMPHU	29281	MDMA (Ecstasy)-by GC/MS	Alphanumeric	ng/mL	
AMPHU	21197	Interpretation	Alphanumeric		
AMPHU	20641	Chain of Custody	Numeric		
ADULT	20606	Creatinine, U	Numeric	mg/dL	
ADULT	22312	Specific Gravity	Numeric		
ADULT	23509	pH	Numeric		
ADULT	23511	Oxidants	Alphanumeric		
ADULT	23510	Nitrites	Alphanumeric	mcg/mL	
ADULT	30914	Comment	Alphanumeric		
OPATU	6541	Immunoassay Screen	Numeric		
OPATU	6543	Codeine-by GC/MS	Alphanumeric	ng/mL	
OPATU	21177	Hydrocodone-by GC/MS	Alphanumeric	ng/mL	
OPATU	21179	Hydromorphone-by GC/MS	Alphanumeric	ng/mL	
OPATU	21178	Oxycodone-by GC/MS	Alphanumeric	ng/mL	
OPATU	6542	Morphine-by GC/MS	Alphanumeric	ng/mL	
OPATU	21180	Interpretation	Alphanumeric		
OPATU	21181	Chain of Custody	Numeric		
BENZU	6670	Immunoassay Screen	Numeric		
BENZU	21441	Nordiazepam-by GC/MS	Alphanumeric	ng/mL	
BENZU	20655	Oxazepam-by GC/MS	Alphanumeric	ng/mL	
BENZU	20656	Lorazepam-by GC/MS	Alphanumeric	ng/mL	
BENZU	20657	Temazepam-by GC/MS	Alphanumeric	ng/mL	
BENZU	20658	OH-Ethyl-Flurazepam-by GC/MS	Alphanumeric	ng/mL	

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
BENZU	20659	7-NH-Clonazepam-by GC/MS	Alphanumeric	ng/mL	
BENZU	20670	Alpha OH-Alprazolam-by GC/MS	Alphanumeric	ng/mL	
BENZU	20660	7-NH-Flunitrazepam-by GC/MS	Alphanumeric	ng/mL	
BENZU	20661	Alpha OH-Triazolam-by GC/MS	Alphanumeric	ng/mL	
BENZU	20663	Interpretation	Alphanumeric		
BENZU	20664	Chain of Custody	Numeric		
BARBU	6668	Immunoassay Screen	Numeric		
BARBU	21442	Butalbital-by GC/MS	Alphanumeric	ng/mL	
BARBU	20642	Amobarbital-by GC/MS	Alphanumeric	ng/mL	
BARBU	20643	Pentobarbital-by GC/MS	Alphanumeric	ng/mL	
BARBU	20644	Secobarbital-by GC/MS	Alphanumeric	ng/mL	
BARBU	20645	Phenobarbital-by GC/MS	Alphanumeric	ng/mL	
BARBU	20651	Interpretation	Alphanumeric		
BARBU	20647	Chain of Custody	Numeric		
COKEU	2903	Immunoassay Screen	Numeric		
COKEU	2922	Cocaine-by GC/MS	Alphanumeric	ng/mL	
COKEU	2902	Benzoylecgonine-by GC/MS	Alphanumeric	ng/mL	
COKEU	20671	Interpretation	Alphanumeric		
COKEU	28080	Chain of Custody	Numeric		
ETOH	30927	Immunoassay Screen	Numeric	mg/dL	
ETOH	30925	Ethanol-by GC-FID	Numeric		
ETOH	24032	Interpretation	Alphanumeric		
ETOH	24035	Chain of Custody	Numeric		
PCPU	6672	Immunoassay Screen	Numeric		
PCPU	6673	Phencyclidine-by GC/MS	Alphanumeric	ng/mL	
PCPU	21192	Interpretation	Alphanumeric		
PCPU	21193	Chain of Custody	Numeric		
THCU	2449	Immunoassay Screen	Numeric		
THCU	2497	THC Carboxylic Acid-by GC/MS	Alphanumeric	ng/mL	
THCU	21186	Interpretation	Alphanumeric		
THCU	21187	Chain of Custody	Numeric		

Reference Values:

Negative
Screening cutoff concentrations
Amphetamines: 500 ng/mL
Barbiturates: 200 ng/mL
Benzodiazepines: 200 ng/mL
Cocaine (benzoylecgonine-cocaine metabolite): 150 ng/mL
Ethanol: 30mg/dL
Opiates: 300 ng/mL
Phencyclidine: 25 ng/mL
Tetrahydrocannabinol carboxylic acid: 20 ng/mL
This report is intended for use in clinical monitoring or management of patients. It is not intended for use in employment-related testing.