

Reporting Title: CSM Hybrid Drug Profile,20,HRMS/IA**Performing Location:** Rochester**Ordering Guidance:**

This test does not screen for drug classes other than those listed above.

Specimen Requirements:

Supplies: Urine Tubes, 10 mL (T068)

Collection Container/Tube: Plastic urine container

Submission Container/Tube: Plastic, 10 mL tube

Specimen Volume: 5 mL

Collection Instructions:

1. Collect a random urine specimen.
2. Submit 5 mL in 1 plastic bottle.
3. No preservative

Additional Information:

1. No specimen substitutions.
2. Submitting less than 5 mL may compromise the ability to perform all necessary testing.
3. STAT requests are not accepted for this procedure.

Specimen Minimum Volume:

2 mL

Forms:

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	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
LPCM	LPCM	List patient's current medications	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
LPCM	List Patient's Current Medications	Alphanumeric		66423-5
20606	Creatinine, U Also used by tests: ADULT	Numeric	mg/dL	2161-8
22312	Specific Gravity Also used by tests: ADULT	Numeric		5810-7
23509	pH Also used by tests: ADULT	Numeric		2756-5
23511	Oxidants Also used by tests: ADULT	Alphanumeric		58714-7
23510	Nitrites Also used by tests: ADULT	Alphanumeric		32710-6
30914	Comment Also used by tests: ADULT	Alphanumeric		48767-8
615289	Barbiturates	Alphanumeric	ng/mL	19270-8
615290	Cocaine	Alphanumeric	ng/mL	19359-9
615291	Tetrahydrocannabinol	Alphanumeric	ng/mL	19415-9
42323	Codeine Also used by tests: TOPSU	Alphanumeric	ng/mL	19411-8
42324	Codeine-6-beta-glucuronide Also used by tests: TOPSU	Alphanumeric	ng/mL	89310-7
42325	Morphine Also used by tests: TOPSU	Alphanumeric	ng/mL	19597-4
42326	Morphine-6-beta-glucuronide Also used by tests: TOPSU	Alphanumeric	ng/mL	89308-1
42327	6-monoacetylmorphine Also used by tests: TOPSU	Alphanumeric	ng/mL	19321-9
42328	Hydrocodone Also used by tests: TOPSU	Alphanumeric	ng/mL	19482-9

Result ID	Reporting Name	Type	Unit	LOINC®
42329	Norhydrocodone Also used by tests: TOPSU	Alphanumeric	ng/mL	89304-0
42330	Dihydrocodeine Also used by tests: TOPSU	Alphanumeric	ng/mL	19446-4
42331	Hydromorphone Also used by tests: TOPSU	Alphanumeric	ng/mL	19486-0
42332	Hydromorphone-3-beta-glucuronide Also used by tests: TOPSU	Alphanumeric	ng/mL	89309-9
42333	Oxycodone Also used by tests: TOPSU	Alphanumeric	ng/mL	19642-8
42334	Noroxycodone Also used by tests: TOPSU	Alphanumeric	ng/mL	89303-2
42335	Oxymorphone Also used by tests: TOPSU	Alphanumeric	ng/mL	19646-9
42336	Oxymorphone-3-beta-glucuronide Also used by tests: TOPSU	Alphanumeric	ng/mL	89301-6
42337	Noroxymorphone Also used by tests: TOPSU	Alphanumeric	ng/mL	89302-4
42338	Fentanyl Also used by tests: TOPSU	Alphanumeric	ng/mL	59673-4
42339	Norfentanyl Also used by tests: TOPSU	Alphanumeric	ng/mL	43199-9
42340	Meperidine Also used by tests: TOPSU	Alphanumeric	ng/mL	19532-1
42341	Normeperidine Also used by tests: TOPSU	Alphanumeric	ng/mL	27920-8
42342	Naloxone Also used by tests: TOPSU	Alphanumeric	ng/mL	42618-9
42343	Naloxone-3-beta-glucuronide Also used by tests: TOPSU	Alphanumeric	ng/mL	89307-3

Result ID	Reporting Name	Type	Unit	LOINC®
42344	Methadone Also used by tests: TOPSU	Alphanumeric	ng/mL	19550-3
42345	EDDP Also used by tests: TOPSU	Alphanumeric	ng/mL	93495-0
42346	Propoxyphene Also used by tests: TOPSU	Alphanumeric	ng/mL	19429-0
42347	Norpropoxyphene Also used by tests: TOPSU	Alphanumeric	ng/mL	19632-9
42348	Tramadol Also used by tests: TOPSU	Alphanumeric	ng/mL	19710-3
42349	O-desmethyiltramadol Also used by tests: TOPSU	Alphanumeric	ng/mL	86453-8
42350	Tapentadol Also used by tests: TOPSU	Alphanumeric	ng/mL	72485-6
42351	N-desmethyltapentadol Also used by tests: TOPSU	Alphanumeric	ng/mL	89306-5
42352	Tapentadol-beta-glucuronide Also used by tests: TOPSU	Alphanumeric	ng/mL	89300-8
42353	Buprenorphine Also used by tests: TOPSU	Alphanumeric	ng/mL	93494-3
42354	Norbuprenorphine Also used by tests: TOPSU	Alphanumeric	ng/mL	82371-6
42355	Norbuprenorphine glucuronide Also used by tests: TOPSU	Alphanumeric	ng/mL	89305-7
65059	Opioid Interpretation Also used by tests: TOPSU	Alphanumeric		69050-3
604871	Alprazolam Also used by tests: TABSU	Alphanumeric	ng/mL	94116-1
604867	Alpha-Hydroxyalprazolam Also used by tests: TABSU	Alphanumeric	ng/mL	19325-0

Result ID	Reporting Name	Type	Unit	LOINC®
604891	Alpha-Hydroxyalprazolam Glucuronide Also used by tests: TABSU	Alphanumeric	ng/mL	94115-3
604872	Chlordiazepoxide Also used by tests: TABSU	Alphanumeric	ng/mL	19385-4
604889	Clobazam Also used by tests: TABSU	Alphanumeric	ng/mL	94114-6
604890	N-Desmethyclobazam Also used by tests: TABSU	Alphanumeric	ng/mL	94113-8
604873	Clonazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19399-5
604267	7-aminoclonazepam Also used by tests: TABSU	Alphanumeric	ng/mL	94112-0
604874	Diazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19443-1
604880	Nordiazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19624-6
604875	Flunitrazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19466-2
604866	7-aminoflunitrazepam Also used by tests: TABSU	Alphanumeric	ng/mL	94111-2
604876	Flurazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19474-6
604868	2-Hydroxy Ethyl Flurazepam Also used by tests: TABSU	Alphanumeric	ng/mL	94110-4
604877	Lorazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19520-6
604878	Lorazepam Glucuronide Also used by tests: TABSU	Alphanumeric	ng/mL	94109-6
604879	Midazolam Also used by tests: TABSU	Alphanumeric	ng/mL	19585-9

Result ID	Reporting Name	Type	Unit	LOINC®
604869	Alpha-Hydroxy Midazolam Also used by tests: TABSU	Alphanumeric	ng/mL	94108-8
604881	Oxazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19638-6
604882	Oxazepam Glucuronide Also used by tests: TABSU	Alphanumeric	ng/mL	94107-0
604883	Prazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19678-2
604884	Temazepam Also used by tests: TABSU	Alphanumeric	ng/mL	19698-0
604885	Temazepam Glucuronide Also used by tests: TABSU	Alphanumeric	ng/mL	94106-2
604886	Triazolam Also used by tests: TABSU	Alphanumeric	ng/mL	19714-5
604870	Alpha-Hydroxy Triazolam Also used by tests: TABSU	Alphanumeric	ng/mL	94105-4
604887	Zolpidem Also used by tests: TABSU	Alphanumeric	ng/mL	94104-7
604888	Zolpidem Phenyl-4-Carboxylic acid Also used by tests: TABSU	Alphanumeric	ng/mL	94103-9
604949	Benzodiazepine Interpretation Also used by tests: TABSU	Alphanumeric		69050-3
610273	Methamphetamine Also used by tests: TSTIM	Alphanumeric	ng/mL	19554-5
610274	Amphetamine Also used by tests: TSTIM	Alphanumeric	ng/mL	19343-3
610275	3,4-methylenedioxymethamphetamine (MDMA) Also used by tests: TSTIM	Alphanumeric	ng/mL	19568-5
610276	3,4-methylenedioxy-N-ethylamphetamine (MDEA) Also used by tests: TSTIM	Alphanumeric	ng/mL	59844-1

Result ID	Reporting Name	Type	Unit	LOINC®
610277	3,4-methylenedioxymphetamine (MDA) Also used by tests: TSTIM	Alphanumeric	ng/mL	19565-1
610278	Ephedrine Also used by tests: TSTIM	Alphanumeric	ng/mL	99108-3
610279	Pseudoephedrine Also used by tests: TSTIM	Alphanumeric	ng/mL	99109-1
610280	Phentermine Also used by tests: TSTIM	Alphanumeric	ng/mL	19674-1
610281	Phencyclidine (PCP) Also used by tests: TSTIM	Alphanumeric	ng/mL	19659-2
610282	Methylphenidate Also used by tests: TSTIM	Alphanumeric	ng/mL	19577-6
610283	Ritalinic acid Also used by tests: TSTIM	Alphanumeric	ng/mL	99110-9
610284	Stimulant Interpretation Also used by tests: TSTIM	Alphanumeric		54247-2

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
LPCM	List Patient's Current Medications			Yes	No
ADULT	Adulterants Survey, U			Yes	Yes
LDPU	Limited Drug Panel, 3, IA, U			Yes	No
TOPSU	Targeted Opioid Screen, U			Yes	Yes (order TOSU)
TABSU	Targeted Benzodiazepine Screen, U			Yes	Yes (order TBSU)

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
TSTIM	Targeted Stimulant Screen, U			Yes	Yes (order TSPU)

CPT Code Information:

80307
80347
80364
80326
G0482 (if appropriate)

Reference Values:**ADULTERANT SURVEY:**

Cutoff concentrations
Oxidants: 200 mg/L
Nitrites: 500 mg/L

LIMITED DRUG PANEL:

Negative
Screening cutoff concentrations:
Barbiturates: 200 ng/mL
Cocaine (benzoylecgonine-cocaine metabolite): 150 ng/mL
Tetrahydrocannabinol carboxylic acid: 50 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.

TARGETED OPIOID SCREEN:

Not Detected

Cutoff concentrations:
Codeine: 25 ng/mL
Codeine-6-beta-glucuronide: 100 ng/mL
Morphine: 25 ng/mL
Morphine-6-beta-glucuronide: 100 ng/mL
6-Monoacetylmorphine: 25 ng/mL
Hydrocodone: 25 ng/mL
Norhydrocodone: 25 ng/mL
Dihydrocodeine: 25 ng/mL
Hydromorphone: 25 ng/mL
Hydromorphone-3-beta-glucuronide: 100 ng/mL
Oxycodone: 25 ng/mL
Noroxycodone: 25 ng/mL
Oxymorphone: 25 ng/mL
Oxymorphone-3-beta-glucuronide: 100 ng/mL

Noroxymorphone: 25 ng/mL
Fentanyl: 2 ng/mL
Norfentanyl: 2 ng/mL
Meperidine: 25 ng/mL
Normeperidine: 25 ng/mL
Naloxone: 25 ng/mL
Naloxone-3-beta-glucuronide: 100 ng/mL
Methadone: 25 ng/mL
2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP): 25 ng/mL
Propoxyphene: 25 ng/mL
Norpropoxyphene: 25 ng/mL
Tramadol: 25 ng/mL
O-desmethyiltramadol: 25 ng/mL
Tapentadol: 25 ng/mL
N-desmethyltapentadol: 50 ng/mL
Tapentadol-beta-glucuronide: 100 ng/mL
Buprenorphine: 5 ng/mL
Norbuprenorphine: 5 ng/mL
Norbuprenorphine glucuronide: 20 ng/mL

TARGETED BENZODIAZEPINE SCREEN:
Not Detected

Cutoff concentrations:
Alprazolam: 10 ng/mL
Alpha-hydroxyalprazolam: 10 ng/mL
Alpha-hydroxyalprazolam glucuronide: 50 ng/mL
Chlordiazepoxide: 10 ng/mL
Clobazam: 10 ng/mL
N-desmethyloclobazam: 200 ng/mL
Clonazepam: 10 ng/mL
7-Aminoclonazepam: 10 ng/mL
Diazepam: 10 ng/mL
Nordiazepam: 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
Lorazepam glucuronide: 50 ng/mL
Midazolam: 10 ng/mL
Alpha-hydroxy midazolam: 10 ng/mL
Oxazepam: 10 ng/mL
Oxazepam glucuronide: 50 ng/mL
Prazepam: 10 ng/mL
Temazepam: 10 ng/mL
Temazepam glucuronide: 50 ng/mL
Triazolam: 10 ng/mL
Alpha-hydroxy triazolam: 10 ng/mL
Zolpidem: 10 ng/mL
Zolpidem phenyl-4-carboxylic acid: 10 ng/mL

TARGETED STIMULANT SCREEN:

Not Detected

Cutoff concentrations:

Methamphetamine: 100 ng/mL

Amphetamine: 100 ng/mL

3,4-Methylenedioxymethamphetamine (MDMA): 100 ng/mL

3,4-Methylenedioxy-N-ethylamphetamine (MDEA): 100 ng/mL

3,4-Methylenedioxyamphetamine (MDA): 100 ng/mL

Ephedrine: 100 ng/mL

Pseudoephedrine: 100 ng/mL

Phentermine: 100 ng/mL

Phencyclidine (PCP): 20 ng/mL

Methylphenidate: 20 ng/mL

Ritalinic acid: 100 ng/mL