

Patient ID SA00149172	Patient Name TESTING, CSMEU ABNORMAL	Birth Date 1990-08-08	Gender F	Age 31
Order Number SA00149172	Client Order Number SA00149172	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 26 Oct 2021 08:00		

List Patient's Current Medications

SDL

Morphine

ADDITIONAL INFORMATION

Accuracy and completeness of declared medications on reports solely dependent on information submitted by client.

Opioid Interpretation

1 SDL

Test detected the presence of noroxycodone (metabolite of oxycodone) only. Suspect use of oxycodone within the past three days.

Benzodiazepine Interpretation

1 SDL

Test detected the presence of zolpidem phenyl-4-carboxylic acid (metabolite of zolpidem) only. Suspect use of zolpidem within the past four days.

Stimulant Interpretation

1 SDL

Test detected the presence of ephedrine. Suspect use of ephedrine within the past three days.

Summary of Analytes Identified

Result Name	Result	Cutoff	Result Name	Result	Cutoff
 Noroxycodone <i>Metabolite of oxycodone</i>	Present	25 ng/mL	 Ephedrine	Present	100 ng/mL
 Abn			 Abn		
 Zolpidem Phenyl-4-Carboxylic acid <i>Metabolite of Zolpidem</i>	Present	10 ng/mL			
 Abn					

Adulterants Survey

Result Name	Result	Reference Values	Result Name	Result	Reference Values
Creatinine, U	123.4 mg/dL		Nitrites	Negative	Cutoff: 500 mg/L
Specific Gravity	1.004		Comment	Normal	
pH	6.6				
Oxidants	Positive	Cutoff: 200 mg/L			

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55901	William G. Morice M.D. Ph.D	24D1040592

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Drug Immunoassay Panel

Result Name	Result	Cutoff	Result Name	Result	Cutoff
Barbiturates	Negative	200 ng/mL	Tetrahydrocannabinol <i>This immunoassay targets delta-9 tetrahydrocannabinol carboxylic acid (THC-COOH), a metabolite of delta-9 tetrahydrocannabinol the main psychoactive ingredient of marijuana.</i>	Negative	50 ng/mL
Cocaine <i>This cocaine immunoassay targets benzoylecgonine the primary metabolite of cocaine.</i>	Negative	150 ng/mL	ADDITIONAL INFORMATION <i>This report is intended for use in clinical monitoring or management of patients. It is not intended for use in employment-related testing.</i>		

Targeted Opioid Screen

Result Name	Result	Cutoff	Result Name	Result	Cutoff
Codeine <i>Tylenol 3</i>	Not Detected	25 ng/mL	Oxymorphone <i>Numorphan, Opana; Also a metabolite of oxycodone.</i>	Not Detected	25 ng/mL
Codeine-6-beta-glucuronide <i>Metabolite of codeine</i>	Not Detected	100 ng/mL	Oxymorphone-3-beta-glucuronide <i>Metabolite of oxymorphone and/or naloxone (normaxone)</i>	Not Detected	100 ng/mL
Morphine <i>Avinza, Kadian, MS Contin; Also a minor metabolite (10%) of codeine and can be seen in low concentrations (<2,000 ng/mL) with poppy seed ingestion.</i>	Not Detected	25 ng/mL	Noroxymorphone <i>Metabolite of oxymorphone and/or naloxone (normaxone)</i>	Not Detected	25 ng/mL
Morphine-6-beta-glucuronide <i>Metabolite of morphine</i>	Not Detected	100 ng/mL	Fentanyl <i>Actiq, Duragesic, Fentora</i>	Not Detected	2 ng/mL
6-monoacetylmorphine <i>Metabolite of heroin</i>	Not Detected	25 ng/mL	Norfentanyl <i>Metabolite of fentanyl</i>	Not Detected	2 ng/mL
Hydrocodone <i>Lortab, Norco, Vicodin; Also a very minor metabolite of codeine and impurity (<1%) of oxycodone.</i>	Not Detected	25 ng/mL	Meperidine <i>Demerol</i>	Not Detected	25 ng/mL
Norhydrocodone <i>Metabolite of hydrocodone</i>	Not Detected	25 ng/mL	Normeperidine <i>Metabolite of meperidine</i>	Not Detected	25 ng/mL
Dihydrocodeine <i>Metabolite of hydrocodone</i>	Not Detected	25 ng/mL	Naloxone <i>Narcan</i>	Not Detected	25 ng/mL
Hydromorphone <i>Dilaudid, Exalgo; Also a metabolite of hydrocodone and a minor (<5%) metabolite of morphine.</i>	Not Detected	25 ng/mL	Naloxone-3-beta-glucuronide <i>Metabolite of naloxone</i>	Not Detected	100 ng/mL
Hydromorphone-3-beta-glucuronide <i>Metabolite of hydromorphone</i>	Not Detected	100 ng/mL	Methadone <i>Dolophine</i>	Not Detected	25 ng/mL
Oxycodone <i>Endocet, Percocet, Oxycontin</i>	Not Detected	25 ng/mL	EDDP <i>Metabolite of methadone</i>	Not Detected	25 ng/mL
			Propoxyphene <i>Darvon, Darvocet</i>	Not Detected	25 ng/mL

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Result Name	Result	Cutoff	Result Name	Result	Cutoff
Norpropoxyphene <i>Metabolite of propoxyphene</i>	Not Detected	25 ng/mL	Tapentadol-beta-glucuronide <i>Metabolite of tapentadol</i>	Not Detected	100 ng/mL
Tramadol <i>Tradol, Ultram, Ultracet</i>	Not Detected	25 ng/mL	Buprenorphine <i>Buprenex, Suboxone</i>	Not Detected	5 ng/mL
O-desmethyiltramadol <i>Metabolite of tramadol</i>	Not Detected	25 ng/mL	Norbuprenorphine <i>Metabolite of buprenorphine</i>	Not Detected	5 ng/mL
Tapentadol <i>Nucynta</i>	Not Detected	25 ng/mL	Norbuprenorphine glucuronide <i>Metabolite of buprenorphine</i>	Not Detected	20 ng/mL
N-desmethyiltapentadol <i>Metabolite of tapentadol</i>	Not Detected	50 ng/mL			

Targeted Benzodiazepine Screen

Drug	Result	Cutoff	Drug	Result	Cutoff
Alprazolam <i>Xanax</i>	Not Detected	10 ng/mL	Flurazepam <i>Dalmane</i>	Not Detected	10 ng/mL
Alpha-Hydroxyalprazolam <i>Metabolite of Alprazolam</i>	Not Detected	10 ng/mL	2-Hydroxy Ethyl Flurazepam <i>Metabolite of Flurazepam</i>	Not Detected	10 ng/mL
Alpha-Hydroxyalprazolam Glucuronide <i>Metabolite of Alprazolam</i>	Not Detected	50 ng/mL	Lorazepam <i>Ativan</i>	Not Detected	10 ng/mL
Chlordiazepoxide <i>Librium</i>	Not Detected	10 ng/mL	Lorazepam Glucuronide <i>Metabolite of Lorazepam</i>	Not Detected	50 ng/mL
Clobazam <i>Frisium, Onfi</i>	Not Detected	10 ng/mL	Midazolam <i>Versed</i>	Not Detected	10 ng/mL
N-Desmethyloclobazam <i>Metabolite of Clobazam</i>	Not Detected	200 ng/mL	Alpha-Hydroxy Midazolam <i>Metabolite of Midazolam</i>	Not Detected	10 ng/mL
Clonazepam <i>Klonopin, Rivotril</i>	Not Detected	10 ng/mL	Oxazepam <i>Serax; Also a metabolite of Chlordiazepoxide, Diazepam, or Temazepam.</i>	Not Detected	10 ng/mL
7-aminoclonazepam <i>Metabolite of Clonazepam</i>	Not Detected	10 ng/mL	Oxazepam Glucuronide <i>Metabolite of Oxazepam</i>	Not Detected	50 ng/mL
Diazepam <i>Valium</i>	Not Detected	10 ng/mL	Prazepam <i>Centrax</i>	Not Detected	10 ng/mL
Nordiazepam <i>Metabolite of Chlordiazepoxide, Diazepam, or Prazepam.</i>	Not Detected	10 ng/mL	Temazepam <i>Restoril; Also a metabolite of Diazepam.</i>	Not Detected	10 ng/mL
Flunitrazepam <i>Rohypnol</i>	Not Detected	10 ng/mL	Temazepam Glucuronide <i>Metabolite of Temazepam</i>	Not Detected	50 ng/mL
7-aminoflunitrazepam <i>Metabolite of Flunitrazepam</i>	Not Detected	10 ng/mL	Triazolam <i>Halcion</i>	Not Detected	10 ng/mL

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Drug	Result	Cutoff	Drug	Result	Cutoff
Alpha-Hydroxy Triazolam <i>Metabolite of Triazolam</i>	Not Detected	10 ng/mL	Zolpidem <i>Ambien</i>	Not Detected	10 ng/mL

Targeted Stimulant Screen

Result Name	Result	Cutoff	Result Name	Result	Cutoff
Methamphetamine <i>Desoxyn</i>	Not Detected	100 ng/mL	Pseudoephedrine <i>Sudafed</i>	Not Detected	100 ng/mL
Amphetamine <i>Dyanavel XR, Adzenys ER, Adderall, Vyvanse; Also a metabolite of methamphetamine</i>	Not Detected	100 ng/mL	Phentermine <i>Adipex-P, Lomaira, Qsymia</i>	Not Detected	100 ng/mL
3,4-methylenedioxymethamphetamine (MDMA)	Not Detected	100 ng/mL	Phencyclidine (PCP)	Not Detected	20 ng/mL
3,4-methylenedioxy-N-ethylamphetamine (MDEA)	Not Detected	100 ng/mL	Methylphenidate <i>Ritalin, Concerta</i>	Not Detected	20 ng/mL
3,4-methylenedioxymphetamine (MDA) <i>Also a metabolite of MDMA and/or MDEA</i>	Not Detected	100 ng/mL	Ritalinic acid <i>Metabolite of methylphenidate</i>	Not Detected	100 ng/mL

Alcohol Biomarkers

Result Name	Result	Cutoff
 Ethyl Glucuronide Screen, U Drug confirmation to follow. Presumptive Positive means that the screening method is positive, but the test needs to be run by a confirmatory method.	Presumptive Positive	500 ng/mL

Received: 27 Oct 2021 14:49

Reported: 27 Oct 2021 15:38

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Ethyl Glucuronide Confirmation, U

Ethyl Gluc/Sulfate Interpretation

1 SDL

Positive.

A positive interpretation will be given if either the Ethyl Glucuronide result is ≥ 250 ng/mL and/or the Ethyl Sulfate is ≥ 100 ng/mL.

A "high" positive (i.e., $>1,000$ ng/mL) may indicate: -Heavy drinking on the same day or previously (i.e., previous day or two). -Light drinking the same day

A "low" positive (i.e., 500–1000 ng/mL) may indicate: -Previous heavy drinking (i.e., previous 1–3 days). -Recent light drinking (i.e., past 24 hours). -Recent intense "extraneous" exposure (i.e., within 24 hours or less).

A "very low" positive (i.e., 100–500 ng/mL) may indicate: -

Previous heavy drinking (i.e., 1–3 days) -Previous light drinking (i.e., 12–36 hours). -Recent "extraneous" exposure.

ADDITIONAL INFORMATION

This report is intended for use in clinical monitoring and management of patients. It is not intended for use in employment-related testing.

Ethyl Glucuronide

250 ng/mL

SDL

Reference Value
Cutoff: 250

Ethyl Sulfate

100 ng/mL

SDL

Reference Value
Cutoff: 100

Received: 27 Oct 2021 14:49

Reported: 27 Oct 2021 15:41

Laboratory Notes

- 1** This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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