



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT
WX0000073111 F 02/15/1985

Collected: 06/26/2026 13:37

Received: 06/26/2026 13:37

Drug Screen, Pain Management Panel 4

Test Name	Result	Flag	Ref-Ranges	Units	Site
Amphetamine Screen	Negative		Negative		WMRL
Barbiturate Screen	Negative		Negative		WMRL
Benzodiazepine Screen	Negative		Negative		WMRL
Buprenorphine Screen	Negative		Negative		WMRL
Cocaine Screen	Negative		Negative		WMRL
Ethanol Screen	Negative		Negative		WMRL
Ethyl Glucuronide Screen	Positive		Negative		WMRL
Ethyl Sulfate	>100000.00	H	Negative	ng/mL	WMRL
Ethyl Glucuronide	>100000.00	H	Negative	ng/mL	WMRL

Decision Limit by LC/MS/MS

Drug Analyzed	Confirmation	Units
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Ethyl Glucuronide	500	ng/mL
Ethyl Sulfate	200	ng/mL

Consumption of 30 to 33 fl. oz. of beer: (4.2 percent w/v) can result in urinary ethyl glucuronide concentrations of 22,000 to 67,000 ng/mL at 3 hours.

Ethyl glucuronide can be routinely quantified in urine for about 20 hours after a single drink of an ethanol containing beverage (up to 80 hours after heavy ethanol consumption).

Both ethyl glucuronide (ETG) and ethyl sulfate (ETS) are metabolites of ethanol. Detection of ETS confirms that the presence of ETG is not a result of in vitro fermentation of sugars. It is known that bacterial fermentation would generate ETG in vitro, but not ETS. Under normal situation, detection of both metabolites concurrently after alcohol consumption is likely. However, due to the genetic polymorphism in the general population, and/or the timing of the specimen collection after drinking, detection of only one metabolite, either ETG or ETS is possible.

MRO evaluation is recommended for forensic issues.

Fentanyl	Negative	Negative	WMRL
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LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL,

Report Date: 06/26/2026 13:50

D826001276 Ordered By: CLIENT C CLIENT,

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Kajal V. Sitwala, MD, PhD - Medical Director



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Test Name	Result	Flag	Ref-Ranges	Units	Site
Gabapentin	Negative		Negative	µg/mL	WMRL
Meperidine	Negative		Negative		WMRL
Methadone Screen	Negative		Negative		WMRL
Methylphenidate	Negative		Negative	ng/mL	WMRL
Ritalinic Acid	Negative		Negative	ng/mL	WMRL
Opiate Screen	Negative		Negative		WMRL
The opiate screen interpretation result includes immunoassay screen tests for both general opiates and oxycodone.					
Phencyclidine Screen	Negative		Negative		WMRL
Pregabalin	Negative		Negative	µg/mL	WMRL
Propoxyphene Screen	Negative		Negative		WMRL
THC Screen	Negative		Negative		WMRL
Tramadol	Negative		Negative		WMRL
Creatinine	76		20-250	mg/dL	WMRL
Adulterant	Negative				WMRL
See Below	See Below				WMRL

Decision Limits

	Screen Cutoff Conc.	Confirm Cutoff Conc.
Amphetamine	500 ng/mL	(LC/MS/MS) 100 ng/mL
Barbiturates	200 ng/mL	(GC/MS) * ng/mL
Benzodiazepines	100 ng/mL	(LC/MS/MS) * ng/mL
Buprenorphine	5 ng/mL	(LC/MS/MS) 5 ng/mL
Cocaine	150 ng/mL	(LC/MS/MS) 30 ng/mL
Ethanol	20 mg/dL	(GC/FID) 20 mg/dL
Ethyl Glucuronide	500 ng/mL	(LC/MS/MS) * ng/mL
Fentanyl	2 ng/mL	(LC/MS/MS) 1 ng/mL
Gabapentin	**	(LC/MS/MS) 0.5 µg/mL
Meperidine	200 ng/mL	(LC/MS/MS) 5 ng/mL
Methadone	150 ng/mL	(LC/MS/MS) 100 ng/mL
Methylphenidate	**	(LC/MS/MS) 50 ng/mL
Ritalinic Acid	**	(LC/MS/MS) 50 ng/mL
Opiates	300 ng/mL	(LC/MS/MS) 25 ng/mL
Oxycodone	100 ng/mL	(LC/MS/MS) 25 ng/mL
Phencyclidine	25 ng/mL	(LC/MS/MS) 5 ng/mL
Pregabalin	**	(LC/MS/MS) 0.5 µg/mL
Propoxyphene	300 ng/mL	(LC/MS/MS) 60 ng/mL
THC (Cannabis)	25 ng/mL	(GC/MS) 3 ng/mL
Tramadol	200 ng/mL	(LC/MS/MS) 5 ng/mL

* Decision limit depends on drug detected.

** No immunoassay available.

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<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
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Adulterant Decision Limit:
General Oxidants 200 ug/mL

The adulterant assay tests for General Oxidants, including Chromates and Nitrites. Adulterants are substances either ingested or added directly to a urine specimen to prevent the detection of drug use.

If applicable, any drug confirmatory testing by LCMSMS/GCMS and the benzodiazepine screening were developed at Warde Medical Laboratory. While the performance characteristics have been fully evaluated and validated using appropriate protocols, this benzodiazepine screening test and all confirmatory tests have not been cleared or approved by the FDA. Warde Laboratory is regulated under CLIA as qualified to perform high complexity testing. These tests is for patient testing and should not be interpreted for investigation or research purposes.

Performing Site:

WMRL: Warde Medical Laboratory 300 West Textile Road Ann Arbor MI 48108 (800)876-6522

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