



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT W
WX0000003827 M 07/08/1978

Collected: 12/08/2023 09:52

Received: 12/08/2023 09:52

EtG Screen w/ EtG/EtS Confirmation

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: Ethyl Glucuronide, Negative, (blank), (blank), ng/mL, WMRL. Row 2: Decision Limit. Row 3: Drug Analyzed, Screen, Confirmation, Units. Row 4: Ethyl Glucuronide, 500, 500, ng/mL. Row 5: Ethyl Sulfate, N/A, 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.

If applicable, any drug confirmation testing reported here was developed and the performance characteristics determined by Warde Medical Laboratory. This confirmation testing has not been cleared or approved by the FDA. The laboratory is regulated under CLIA as qualified to perform high-complexity testing. This test is used for patient testing purposes. It should not be regarded as investigational or for research.

Performing Site:

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

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

F60800017

Ordered By: KAJAL V SITWALA, MD

WMB-23-1323

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