



Technical Memorandum

TO: Physicians, Medical Staff and Clients

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DLS Medical Director QMC Laboratory Director

Date: 04/06/2020

Subject: Adding Hydrocodone to the 810M Urine Drug Screen #2 (Medical) Panel

Effective 04/06/20, Diagnostic Laboratory Services is pleased to announce the addition of Hydrocodone to Urine Drug Screen #2 Panel, also known as the 810M panel.

A positive result on the hydrocodone immunoassay indicates that hydrocodone or hydromorphone (or the combination of the two drugs) is present in the patient's urine over the 300 ng/mL cutoff. Hydrocodone is marketed as Vicodin and Lortab, while hydromorphone's trade name is Dilaudid. Hydrocodone is prescribed to suppress severe cough in adults. Both hydrocodone and hydromorphone are used to relieve prolonged, severe pain and are Schedule 2 drugs under the Controlled Substances Act.

Additionally, the 810M (Urine Drug Screen #2) and 811M (Urine Drug Screen #4) panels has lowered the cutoff level for Amphetamine/Methamphetamine from 1000 ng/mL to 500 ng/mL, lowered the Cocaine cutoff level from 300 ng/mL to 150 ng/mL, and increased the cutoff level for Urine Ethanol from 0.01 g/dL to 0.02 g/dL to better reflect clinical presentations. All of these changes should enable more accurate evaluation of the patient's drug use and align with SAMHSA's* proposed screen cutoff levels.

IMPROVED 810M or URINE DRUG SCREEN #2 PANEL:

Drug Class	Marker	Old cutoff (ng/mL)	New cutoff (ng/mL)
Amphetamines/Methamphetamine	d-Methamphetamine	1000	500
Barbiturates	Secobarbital	200	200
Benzodiazepines	Oxazepam	200	200
Cocaine	Benzoyllecgonine	300	150
Ethanol (urine)	Ethanol	0.01g/dL	0.02 g/dL
Methadone	Methadone	300	300
Opiates	Morphine	300	300
Oxycodone/Oxymorphone	Oxycodone	100	100
Phencyclidine	Phencyclidine	25	25
THC	Δ -9-Tetrahydrocannabinol	50	50
Hydrocodone /Hydromorphone	Hydrocodone	Not applicable	300

Any result above the cutoff level will be reported as a positive screen result. If indicated, confirmation testing by GC/MS for any positive screen result is available upon written request.

For more information, or to order confirmation testing please call the Client Services at (808) 589-5101.

* United States Substance Abuse and Mental Health Services Administration