TEST CHANGE

Drug Detection Panel, Meconium, Qualitative

3004583, MEC PANEL

Specimen Requirements:	
Patient Preparation:	
Collect:	All meconium (blackish material) excreted until milk/formula-based stool (yellow-green) appears.
Specimen Preparation:	Transport all available meconium (4 g is preferred) to routine urine collection cup or Security Kit for Meconium/Umbilical Drug Detection (ARUP supply #51548) available online through eSupply using ARUP Connect(TM) or by contacting ARUP Client Services at ~~(~~800-~~)~~ 522-2787.
Transport Temperature:	Refrigerated temperature.
Unacceptable Conditions:	Unknown fluids, pharmaceutical preparation, and breast milk. Diapers, cotton swabs, baby wipes, tongue depressors, bottles.
Remarks:	
Stability:	Ambient: 1 week; Refrigerated: 3 weeks; Frozen: 1 year
Methodology:	Qualitative Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)
Performed:	Sun-Sat
Reported:	1-3 days
Note:	When ordering both meconium tests, unless ARUP is otherwise notified, testing will be performed in the following order of priority: Drug Detection Panel (0.125g) Marijuana (0.125g)
CPT Codes:	80326; 80347; 80364; 80355; 80323 (Alt code: G0481)
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

Methodology: Qualitative Liquid Chromatography/Tandem Mass Spectrometry

Detection of drugs in meconium is intended to reflect maternal drug use during approximately the last trimester of a full-term pregnancy. The pattern and frequency of drug(s) used by the mother cannot be determined by this test. A negative result does not exclude the possibility that a mother used drugs during pregnancy. Detection of drugs in meconium depends on the extent of maternal drug use, as well as drug stability, unique characteristics of drug deposition in meconium, and the

performance of the analytical method. Drugs administered during labor and delivery may be detected. Detection of drugs in meconium does not insinuate impairment and may not affect outcomes for the infant. Interpretive questions should be directed to the laboratory.

For medical purposes only; not valid for forensic use.

Reference Interval:

Drugs covered and range of cutoff concentrations.

Drugs/Drug Classes	Cutoff Concentrations (ng/g)	Drugs/Drug Classes	Cutoff Concentrations (ng/g)
Buprenorphine	20	Amphetamine	20
Norbuprenorphine	20	Benzoylecgonine	20
Naloxone	20	m-OH-Benzoylecgonine	20
Codeine	20	Cocaethylene	20
Dihydrocodeine	20	Cocaine	20
Fentanyl	10	MDMA (Ecstasy)	20
Hydrocodone	20	Methamphetamine	20
Norhydrocodone	20	Phentermine	20
Hydromorphone	20	Alprazolam	5
Meperidine	20	Alpha-OH-Alprazolam	5
Methadone	10	Butalbital	50
Methadone metabolite	10	Clonazepam	5
6-Acetylmorphine	20	7-Aminoclonazepam	5
Morphine	20	Diazepam	5
Methylphenidate	20	Lorazepam	20
Oxycodone	20	Midazolam	20
Noroxycodone	20	Alpha-OH-Midazolam	20
Oxymorphone	20	Nordiazepam	20
Tapentadol	20	Oxazepam	20
Tramadol	20	Phenobarbital	200
N-desmethyltramadol	20	Temazepam	20
O-desmethyltramadol	20	Zolpidem	10
Gabapentin	20	Phencyclidine (PCP)	10
Mitragynine (Kratom)	25		

HOTLINE NOTE: There is a component change associated with this test. One or more components have been added or removed. Refer to the Hotline Test Mix for interface build information.