

TEST CHANGE

Drug Detection Panel and THC Metabolite, Meconium, Qualitative

3006373, M PAN_THC

Specimen Requirements:

Patient Preparation:

Collect: All meconium (blackish material) excreted until milk/formula-based stool (yellow-green) appears.

Specimen Preparation: Transport all available meconium (~~2g~~4-grams 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

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

Performed: Sun-Sat

Reported: 1-4 days

Note: If only enough sample is available for one component of testing, this test will be canceled and client can order individual test: Drug Detection Panel, Meconium, Qualitative (3004583) or ~~Tetrahydrocannabinol (THC), Marijuana,~~ Meconium, Qualitative (0092316).

CPT Codes: 80346; 80348; 80353; 80361; 80356; 80365; 80373; 80354; 80362; 80355; 80359; 80325; 80360; 80345; 80372; 80358; 83992; 80323; 80368; 80349 (Alt code: G0482)

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Methodology: ~~liquid chromatography/tandem mass spectrometry~~ 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, or drugs administered directly to the infant after birth 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:

Test Number	Components	Reference Interval
	<u>Carboxy-THC, MEC</u> Marijuana, Meconium, Qual	Cutoff 5 ng/g
	6-Acetylmorphine, MEC, Qual	Cutoff 20 ng/g
	7-Aminoclonazepam, MEC, Qual	Cutoff 5 ng/g
	Alpha-OH-Alprazolam, MEC, Qual	Cutoff 5 ng/g
	Alpha-OH-Midazolam, MEC, Qual	Cutoff 20 ng/g
	Alprazolam, MEC, Qual	Cutoff 5 ng/g
	Amphetamine, MEC, Qual	Cutoff 20 ng/g
	Benzoyllecgonine, MEC, Qual	Cutoff 20 ng/g
	Buprenorphine, MEC, Qual	Cutoff 20 ng/g
	Butalbital, MEC, Qual	Cutoff 50 ng/g
	Clonazepam, MEC, Qual	Cutoff 5 ng/g
	Cocaethylene, MEC, Qual	Cutoff 20 ng/g
	Cocaine, MEC, Qual	Cutoff 20 ng/g
	Codeine, MEC, Qual	Cutoff 2 ng/g
	Diazepam, MEC, Qual	Cutoff 5 ng/g
	Dihydrocodeine, MEC, Qual	Cutoff 20 ng/g
	Methadone Metabolite, MEC, Qual	Cutoff 10 ng/g
	Fentanyl, MEC, Qual	Cutoff 10 ng/g
	Gabapentin, MEC, Qual	Cutoff 20 ng/g
	Hydrocodone, MEC, Qual	Cutoff 20 ng/g
	Hydromorphone, MEC, Qual	Cutoff 20 ng/g
	Lorazepam, MEC, Qual	Cutoff 20 ng/g
	MDMA- Ecstasy, MEC, Qual	Cutoff 20 ng/g
	Meperidine, MEC, Qual	Cutoff 20 ng/g
	Methadone, MEC, Qual	Cutoff 10 ng/g
	Methamphetamine, MEC, Qual	Cutoff 20 ng/g
	Methylphenidate, MEC, Qual	Cutoff 20 ng/g
	Midazolam, MEC, Qual	Cutoff 20 ng/g
	m-OH-Benzoyllecgonine, MEC, Qual	Cutoff 20 ng/g
	Morphine, MEC, Qual	Cutoff 20 ng/g
	Naloxone, MEC, Qual	Cutoff 20 ng/g
	N-desmethyltramadol, MEC, Qual	Cutoff 20 ng/g
	Norbuprenorphine, MEC, Qual	Cutoff 20 ng/g
	Nordiazepam, MEC, Qual	Cutoff 20 ng/g
	Mitragynine, MEC, Qual	Cutoff 25 ng/g
	Norhydrocodone, MEC, Qual	Cutoff 20 ng/g

Noroxycodone, MEC, Qual	Cutoff 20 ng/g
O-desmethyiltramadol, MEC, Qual	Cutoff 20 ng/g
Oxazepam, MEC, Qual	Cutoff 20 ng/g
Oxycodone, MEC, Qual	Cutoff 20 ng/g
Oxymorphone, MEC, Qual	Cutoff 20 ng/g
Phencyclidine- PCP, MEC, Qual	Cutoff 10 ng/g
Phenobarbital, MEC, Qual	Cutoff 200 ng/g
Phentermine, MEC, Qual	Cutoff 20 ng/g
Tapentadol, MEC, Qual	Cutoff 20 ng/g
Temazepam, MEC, Qual	Cutoff 20 ng/g
Tramadol, MEC, Qual	Cutoff 20 ng/g
Zolpidem, MEC, Qual	Cutoff 10 ng/g

