

Patient:
 DOB: Age: Sex:
Patient Identifiers:

Visit Number (FIN):

Client:

Physician:

ARUP Test Code: 3006373

 Collection Date: 10/08/2023
 Received in lab: 10/09/2023
 Completion Date: 10/10/2023

Patient Results*

Collection Date	10/8/2023 10:56 AM
THC-COOH	Positive

* For details, see report on following page(s).

Interpretive Comments

INTERPRETIVE INFORMATION: Meconium Drug Panel

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.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

INTERPRETIVE INFORMATION: Marijuana, Meconium, Qual

1. Drugs covered: 9-carboxy-THC.
2. Positive cutoff: 5 ng/g.
3. For medical purposes only; not valid for forensic use.
4. Meconium begins to form between the 12th and 16th week of gestation. Meconium drug testing can detect maternal drug use during the last 4 to 5 months of pregnancy. A negative result does not exclude the possibility that a mother used drugs during pregnancy. Detection of drug use depends on the quantity and quality of the specimen tested as well as the pattern and frequency of drug(s) used by mother. The concentration value must be greater than or equal to the cutoff to be reported as positive. Interpretive questions should be directed to the laboratory.



Patient:
 ARUP Accession: 23-281-101555

Drug Detection Panel and THC Metabolite, Meconium, Qualitative

Patient: | **Date of Birth:** | **Sex** | **Physician:**
Patient Identifiers: | **Visit Number (FIN):**

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For further information, visit: arupconsult.com/content/newborn-drug-testing



Drug Detection Panel and THC Metabolite, Meconium, Qualitative

Patient: | Date of Birth: | Sex: | Physician:
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Drug Analyte	Result	Cutoff	Notes
OPIOIDS, MECONIUM			
Buprenorphine	Not Detected	20 ng/g	eg, Buprenex; Subutex; Suboxone (with naloxone)
--Norbuprenorphine	Not Detected	20 ng/g	buprenorphine metabolite
Codeine	Not Detected	20 ng/g	
Morphine	Not Detected	20 ng/g	also a metabolite of Codeine
6-Acetylmorphine	Not Detected	20 ng/g	heroin metabolite; morphine is expected
Hydrocodone	Not Detected	20 ng/g	also a minor metabolite of codeine; possible impurity of oxycodone
--Dihydrocodeine	Not Detected	20 ng/g	hydrocodone metabolite
--Norhydrocodone	Not Detected	20 ng/g	hydrocodone metabolite
Hydromorphone	Not Detected	20 ng/g	eg, Dilaudid; also a metabolite of hydrocodone, and a minor metabolite of morphine
Fentanyl	Not Detected	10 ng/g	
Meperidine	Not Detected	20 ng/g	eg, Demerol
Methadone	Not Detected	10 ng/g	
--EDDP	Not Detected	10 ng/g	methadone metabolite
Oxycodone	Not Detected	20 ng/g	eg, Oxycontin
--Noroxycodone	Not Detected	20 ng/g	oxycodone metabolite
Oxymorphone	Not Detected	20 ng/g	eg, Opana; also a metabolite of oxycodone
Naloxone	Not Detected	20 ng/g	opioid antagonist
Tapentadol	Not Detected	20 ng/g	eg, Nucynta
Tramadol	Not Detected	20 ng/g	eg, Ultram; ConZip
--N-desmethyltramadol	Not Detected	20 ng/g	tramadol metabolite
--O-desmethyltramadol	Not Detected	20 ng/g	tramadol metabolite
STIMULANTS, MECONIUM			
Amphetamine	Not Detected	20 ng/g	eg, Vyvanse; Adderall; also a metabolite of methamphetamine; d- and l-isomers are not distinguished by this test
Methamphetamine	Not Detected	20 ng/g	d- and l- isomers are not distinguished by this test
MDMA - Ecstasy	Not Detected	20 ng/g	
Cocaine	Not Detected	20 ng/g	
--Benzoylecgonine	Not Detected	20 ng/g	cocaine metabolite
--m-OH-Benzoylecgonine	Not Detected	20 ng/g	cocaine metabolite
--Cocaethylene	Not Detected	20 ng/g	cocaine metabolite formed in the presence of ethanol
Phentermine	Not Detected	20 ng/g	



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Drug Detection Panel and THC Metabolite, Meconium, Qualitative

Patient: | Date of Birth: | Sex: | Physician:
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Drug Analyte	Result	Cutoff	Notes
Methylphenidate	Not Detected	20 ng/g	eg, Ritalin, Dexmethylphenidate, Focalin, Concerta
SEDATIVES-HYPNOTICS, MECONIUM			
Alprazolam	Not Detected	5 ng/g	eg, Xanax
--Alpha-OH-Alprazolam	Not Detected	5 ng/g	alprazolam metabolite
Butalbital	Not Detected	50 ng/g	eg, Bupap (with acetaminophen); Fioricet (with acetaminophen and caffeine)
Clonazepam	Not Detected	5 ng/g	eg, Klonopin
--7-Aminoclonazepam	Not Detected	5 ng/g	clonazepam metabolite
Lorazepam	Not Detected	20 ng/g	eg, Ativan
Midazolam	Not Detected	20 ng/g	eg, Versed
--Alpha-OH-Midazolam	Not Detected	20 ng/g	midazolam metabolite
Diazepam	Not Detected	5 ng/g	eg, Valium
Nordiazepam	Not Detected	20 ng/g	metabolite of chlordiazepoxide (Librium), clorazepate (Tranxene), diazepam, halazepam (Alapryl), prazepam (Centrax) and others
Oxazepam	Not Detected	20 ng/g	eg, Serax; also metabolite of nordiazepam and temazepam
Temazepam	Not Detected	20 ng/g	eg, Restoril; also a metabolite of diazepam
Phenobarbital	Not Detected	200 ng/g	eg, Luminal; Donnatal (with atropine, hyoscyamine and scopolamine)
Zolpidem	Not Detected	10 ng/g	eg, Ambien
OTHER, MECONIUM			
Phencyclidine- PCP	Not Detected	10 ng/g	phencyclidine
Gabapentin	Not Detected	20 ng/g	eg, Neurontin or Gralise
THC-COOH	Positive	5 ng/g	11-Nor-9-carboxy-THC, a marijuana metabolite
Mitragynine	Not Detected	25 ng/g	eg, Kratom

Additional Information

ABBREVIATIONS

MDMA - 3,4-methylenedioxy-N-methylamphetamine
 EDDP - 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine
 THC-COOH - cannot discriminate between delta-8 and delta-9 forms



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