

500 Chipeta Way, Salt Lake City, Utah 84108-1221

phone: 801-583-2787, toll free: 800-522-2787

Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Age/Sex: 9 hours Female

Specimen Collected: 15-Mar-23 09:11

Panel and THC, Meconium, Qual	Received: 15-Mar-23 09:11	Report/Verified: 15-Mar-23 09:19
Procedure	Result	Units Reference Interval
6-Acetylmorphine, MEC, Qual	Present	ng/g [Cutoff 20]
7-Aminoclonazepam, MEC, Qual	Present	ng/g [Cutoff 5]
Alpha-OH-Alprazolam, MEC, Qual	Present	ng/g [Cutoff 5]
Alpha-OH-Midazolam, MEC, Qual	Present	ng/g [Cutoff 20]
Alprazolam, MEC, Qual	Present	ng/g [Cutoff 5]
Amphetamine, MEC, Qual	Present	ng/g [Cutoff 20]
Benzoyllecgonine, MEC, Qual	Present	ng/g [Cutoff 20]
Buprenorphine, MEC, Qual	Present	ng/g [Cutoff 20]
Butalbital, MEC, Qual	Present	ng/g [Cutoff 50]
Clonazepam, MEC, Qual	Present	ng/g [Cutoff 5]
Cocaethylene, MEC, Qual	Present	ng/g [Cutoff 20]
Cocaine, MEC, Qual	Present	ng/g [Cutoff 20]
Codeine, MEC, Qual	Present	ng/g [Cutoff 20]
Diazepam, MEC, Qual	Present	ng/g [Cutoff 5]
Dihydrocodeine, MEC, Qual	Present	ng/g [Cutoff 20]
Drug Detection Panel, MEC	See Below ⁱ¹	
Fentanyl, MEC, Qual	Present	ng/g [Cutoff 10]
Gabapentin, MEC, Qual	Present	ng/g [Cutoff 20]
Hydrocodone, MEC, Qual	Present	ng/g [Cutoff 20]
Hydromorphone, MEC, Qual	Present	ng/g [Cutoff 20]
Lorazepam, MEC, Qual	Present	ng/g [Cutoff 20]
MDMA-Ecstasy, MEC, Qual	Present	ng/g [Cutoff 20]
Meperidine, MEC, Qual	Present	ng/g [Cutoff 20]
Methadone Metabolite, MEC, Qual	Present	ng/g [Cutoff 10]
Methadone, MEC, Qual	Present	ng/g [Cutoff 10]
Methamphetamine, MEC, Qual	Present	ng/g [Cutoff 20]
Methylphenidate, MEC, Qual	Present	ng/g [Cutoff 20]
Midazolam, MEC, Qual	Present	ng/g [Cutoff 20]
Morphine, MEC, Qual	Present	ng/g [Cutoff 20]
N-desmethyltramadol, MEC, Qual	Present	ng/g [Cutoff 20]
Naloxone, MEC, Qual	Present	ng/g [Cutoff 20]
Norbuprenorphine, MEC, Qual	Present	ng/g [Cutoff 20]
Nordiazepam, MEC, Qual	Present	ng/g [Cutoff 20]
Norhydrocodone, MEC, Qual	Present	ng/g [Cutoff 20]
Noroxycodone, MEC, Qual	Present	ng/g [Cutoff 20]
O-desmethyltramadol, MEC, Qual	Present	ng/g [Cutoff 20]
Oxazepam, MEC, Qual	Present	ng/g [Cutoff 20]
Oxycodone, MEC, Qual	Present	ng/g [Cutoff 20]
Oxymorphone, MEC, Qual	Present	ng/g [Cutoff 20]
Phencyclidine-PCP, MEC, Qual	Present	ng/g [Cutoff 10]
Phenobarbital, MEC, Qual	Present	ng/g [Cutoff 200]
Phentermine, MEC, Qual	Present	ng/g [Cutoff 20]

* = Abnormal, # = Corrected, C = Critical, f = Result Footnote, H = High, i = Test Information, L = Low, t = Interpretive Text, @ = Performing lab

Unless otherwise indicated, testing performed at:

ARUP Laboratories

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

ARUP Accession: 23-074-900068

Report Request ID: 17728332

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Procedure	Result	Units	Reference Interval
Tapentadol, MEC, Qual	Present	ng/g	[Cutoff 20]
Temazepam, MEC, Qual	Present	ng/g	[Cutoff 20]
Tramadol, MEC, Qual	Present	ng/g	[Cutoff 20]
Zolpidem, MEC, Qual	Present	ng/g	[Cutoff 10]
m-OH-Benzoyllecgonine, MEC, Qual	Present	ng/g	[Cutoff 20]
Marjiuana, Meconium, Qual	Positive ⁱ²		
EER Drug Panel and THC, Meconium	EERUnavailable		

Test Information

i1: Drug Detection Panel, MEC
 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.

i2: Marjiuana, Meconium, Qual
 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

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Test Information

i2: Marjiuana, Meconium, Qual

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.

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