

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

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

Tracy I. George, MD, Chief Medical Officer

Patient Age/Sex: 1 day Male

Specimen Collected: 11-Mar-22 14:23

| Meconium Drug Panel | | Received: 11-Mar-22 14:24 | Report/Verified: 11-Mar-22 14:30 |
|----------------------------------|-------------------------|---------------------------|----------------------------------|
| Procedure | Result | Units | Reference Interval |
| 6-Acetylmorphine, MEC, Qual | Present | ng/g | Cutoff 20 |
| 7-Aminoclonazepam, MEC, Qual | Not Detected | ng/g | Cutoff 5 |
| Alpha-OH-Alprazolam, MEC, Qual | Not Detected | ng/g | Cutoff 5 |
| Alpha-OH-Midazolam, MEC, Qual | Present | ng/g | Cutoff 20 |
| Alprazolam, MEC, Qual | Not Detected | ng/g | Cutoff 5 |
| Amphetamine, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Benzoyllecgonine, MEC, Qual | Present | ng/g | Cutoff 20 |
| Buprenorphine, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Butalbital, MEC, Qual | Not Detected | ng/g | Cutoff 50 |
| Clonazepam, MEC, Qual | Not Detected | ng/g | Cutoff 5 |
| Cocaethylene, MEC, Qual | Present | ng/g | Cutoff 20 |
| Cocaine, MEC, Qual | Present | ng/g | Cutoff 20 |
| Codeine, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Diazepam, MEC, Qual | Not Detected | ng/g | Cutoff 5 |
| Dihydrocodeine, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Methadone Metabolite, MEC, Qual | Not Detected | ng/g | Cutoff 10 |
| Fentanyl, MEC, Qual | Not Detected | ng/g | Cutoff 10 |
| Gabapentin, MEC, Qual | Present | ng/g | Cutoff 20 |
| Hydrocodone, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Hydromorphone, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Lorazepam, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| MDMA-Ecstasy, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Drug Detection Panel, MEC | See Below ⁱ¹ | ng/g | |
| Meperidine, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Methadone, MEC, Qual | Not Detected | ng/g | Cutoff 10 |
| Methamphetamine, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| m-OH-Benzoyllecgonine, MEC, Qual | Present | ng/g | Cutoff 20 |
| Methylphenidate, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Midazolam, MEC, Qual | Present | ng/g | Cutoff 20 |
| Morphine, 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: Tracy I. George, MD

ARUP Accession: 22-070-900101

Report Request ID: 15081054

Printed: 14-Mar-22 12:48

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Patient Age/Sex: 1 day Male

| Meconium Drug Panel | | Received: 11-Mar-22 14:24 | Report/Verified: 11-Mar-22 14:30 |
|--------------------------------|--------------|---------------------------|----------------------------------|
| Procedure | Result | Units | Reference Interval |
| N-desmethyltramadol, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Naloxone, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Norbuprenorphine, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Nordiazepam, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Norhydrocodone, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Noroxycodone, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| O-desmethyltramadol, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Oxazepam, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Oxycodone, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Oxymorphone, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Phencyclidine-PCP, MEC, Qual | Not Detected | ng/g | Cutoff 10 |
| Phenobarbital, MEC, Qual | Not Detected | ng/g | Cutoff 200 |
| Phentermine, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Tapentadol, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Temazepam, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Tramadol, MEC, Qual | Not Detected | ng/g | Cutoff 20 |
| Zolpidem, MEC, Qual | Not Detected | ng/g | Cutoff 10 |
| EER Drug Detection Pan, MEC | See Note | ng/g | |

Test Information

il: 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.

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Test Information

i1: Drug Detection Panel, MEC

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.

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