

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 3/27/2025
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Drug Detection Panel and THC Metabolite, Umbilical Cord Tissue, Qualitative

ARUP test code 3006371

| | | |
|---------------------------------|---|----------------------------|
| Gabapentin, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 10) |
| Carboxy-THC, Cord | Not Detected ng/g INTERPRETIVE INFORMATION: Carboxy-THC, Cord Positive cutoff: 0.2 ng/g Methodology: Mass Spectrometry This test is designed to detect and document exposure that occurred during approximately the last trimester of a full term pregnancy, to a common metabolite of THC (which may be present in cannabis products). Alternative testing is available to detect other drug exposures. 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 umbilical cord tissue depends on extent of maternal drug use, as well as drug stability, unique characteristics of drug deposition in umbilical cord tissue, and the performance of the analytical method. Drugs administered during labor and delivery may be detected. Detection of drugs in umbilical cord tissue does not insinuate impairment and may not affect outcomes for the infant. Interpretive questions should be directed to the laboratory. This test does not distinguish between the delta-8 and delta-9 forms of THC or their metabolites. 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 U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes. | |
| 6-Acetylmorphine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| 7-Aminoclonazepam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Alpha-OH-Alprazolam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| Alpha-OH-Midazolam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 2) |
| Alprazolam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 25-087-148715
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 1 of 5 | Printed: 5/5/2025 2:30:50 PM

| | | |
|-----------------------------------|-------------------|----------------------------|
| Amphetamine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 5) |
| Benzoyllecgonine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Buprenorphine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Butalbital, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 25) |
| Clonazepam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Cocaethylene, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Cocaine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Codeine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| Diazepam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Dihydrocodeine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Fentanyl, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| Hydrocodone, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| Hydromorphone, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| Lorazepam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 5) |
| m-OH-Benzoyllecgonine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| MDMA- Ecstasy, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 5) |
| Meperidine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 2) |
| Methadone, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 2) |
| Methadone Metabolite, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Methamphetamine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 5) |
| Midazolam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Morphine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| N-desmethyltramadol, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 2) |
| Naloxone, Cord, Qual | Present ng/g | (Ref Interval: Cutoff 1) |
| Norbuprenorphine, Cord, Qual | Present ng/g | (Ref Interval: Cutoff 0.5) |
| Nordiazepam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Norhydrocodone, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Noroxycodone, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |

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| | | |
|---------------------------------|-------------------|----------------------------|
| Noroxymorphone, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| O-desmethyltramadol, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 2) |
| Oxazepam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 2) |
| Oxycodone, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| Oxymorphone, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| Phencyclidine- PCP, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Phenobarbital, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 75) |
| Phentermine, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 8) |
| Propoxyphene, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |
| Tapentadol, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 2) |
| Tramadol, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 2) |
| Zolpidem, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| Temazepam, Cord, Qual | Not Detected ng/g | (Ref Interval: Cutoff 1) |

Drug Detection Panel, Umbilical Cord

See Below

INTERPRETIVE INFORMATION: Drug Detection Panel, Umbilical Cord

Methodology: Qualitative Liquid Chromatography/Tandem Mass Spectrometry

Detection of drugs in umbilical cord tissue 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 umbilical cord tissue depends on extent of maternal drug use, as well as drug stability, unique characteristics of drug deposition in umbilical cord tissue, and the performance of the analytical method. Drugs administered during labor and delivery may be detected. Detection of drugs in umbilical cord tissue does not insinuate impairment and may not affect outcomes for the infant. Interpretive questions should be directed to the laboratory.

Refer to the test directory for additional umbilical cord testing options.

For medical purposes only; not valid for forensic use.

EER Drug Panel and THC, Umbilical Cord

See Note

Authorized individuals can access the ARUP Enhanced Report with an ARUP Connect account using the following link.

Your local lab can assist you in obtaining the patient report if you don't have a Connect account.

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Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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| Procedure | Accession | VERIFIED/REPORTED DATES | | |
|----------------------------------|---------------|-------------------------|---------------------|---------------------|
| | | Collected | Received | Verified/Reported |
| Gabapentin, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Carboxy-THC, Cord | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 8:29:00 PM |
| 6-Acetylmorphine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| 7-Aminoclonazepam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Alpha-OH-Alprazolam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Alpha-OH-Midazolam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Alprazolam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Amphetamine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Benzoylcegonine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Buprenorphine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Butalbital, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Clonazepam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Cocaethylene, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Cocaine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Codeine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Diazepam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Dihydrocodeine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Fentanyl, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Hydrocodone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Hydromorphone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Lorazepam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| m-OH-Benzoylcegonine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| MDMA- Ecstasy, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Meperidine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Methadone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Methadone Metabolite, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Methamphetamine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Midazolam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Morphine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| N-desmethyltramadol, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Naloxone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Norbuprenorphine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Nordiazepam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Norhydrocodone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Noroxycodone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Noroxymorphone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| O-desmethyltramadol, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |

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| | | | | |
|--|---------------|-----------------------|---------------------|---------------------|
| Oxazepam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Oxycodone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Oxymorphone, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Phencyclidine- PCP, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Phenobarbital, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Phentermine, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Propoxyphene, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Tapentadol, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Tramadol, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Zolpidem, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Temazepam, Cord, Qual | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| Drug Detection Panel, Umbilical Cord | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |
| EER Drug Panel and THC, Umbilical Cord | 25-087-148715 | 3/28/2025 10:12:00 PM | 4/1/2025 1:08:25 PM | 4/2/2025 9:05:00 PM |

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

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