

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 10/8/2023  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**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)

THC-COOH, Cord, Qual Present ng/g (Ref Interval: Cutoff 0.2)  
 INTERPRETIVE INFORMATION: Marijuana Metabolite, Umbilical Cord Tissue, Qualitative  
 Methodology: Qualitative Liquid Chromatography-Tandem 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 cannabis (marijuana) metabolite. 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 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.

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)

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

Unless otherwise indicated, testing performed at:

|                                   |                   |                            |
|-----------------------------------|-------------------|----------------------------|
| Alprazolam, Cord, Qual            | Not Detected ng/g | (Ref Interval: Cutoff 0.5) |
| 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)   |

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

Unless otherwise indicated, testing performed at:

|                                  |                   |                            |
|----------------------------------|-------------------|----------------------------|
| 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             | Not Detected ng/g | (Ref Interval: Cutoff 1)   |
| Norbuprenorphine, Cord, Qual     | Not Detected 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)   |
| 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)   |

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

Unless otherwise indicated, testing performed at:

|                                      |                   |                            |
|--------------------------------------|-------------------|----------------------------|
| 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         |                            |

**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: 23-282-100318  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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**INTERPRETIVE INFORMATION: Drug Detection Panel, Umbilical Cord Tissue, Qualitative**

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.

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.

**EER Drug Panel and THC, Umbilical Cord**

See Note

Authorized individuals can access the ARUP Enhanced Report using the following link:

**VERIFIED/REPORTED DATES**

| Procedure                       | Accession     | Collected        | Received         | Verified/Reported |
|---------------------------------|---------------|------------------|------------------|-------------------|
| Gabapentin, Cord, Qual          | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| THC-COOH, Cord, Qual            | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| 6-Acetylmorphine, Cord, Qual    | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| 7-Aminoclonazepam, Cord, Qual   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Alpha-OH-Alprazolam, Cord, Qual | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Alpha-OH-Midazolam, Cord, Qual  | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Alprazolam, Cord, Qual          | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Amphetamine, Cord, Qual         | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Benzoylcegonine, Cord, Qual     | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Buprenorphine, Cord, Qual       | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Butalbital, Cord, Qual          | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Clonazepam, Cord, Qual          | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Cocaethylene, Cord, Qual        | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |

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Unless otherwise indicated, testing performed at:

|                                        |               |                  |                  |                  |
|----------------------------------------|---------------|------------------|------------------|------------------|
| Cocaine, Cord, Qual                    | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Codeine, Cord, Qual                    | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Diazepam, Cord, Qual                   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Dihydrocodeine, Cord, Qual             | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Fentanyl, Cord, Qual                   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Hydrocodone, Cord, Qual                | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Hydromorphone, Cord, Qual              | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Lorazepam, Cord, Qual                  | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| m-OH-Benzoylcegonine, Cord, Qual       | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| MDMA- Ecstasy, Cord, Qual              | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Meperidine, Cord, Qual                 | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Methadone, Cord, Qual                  | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Methadone Metabolite, Cord, Qual       | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Methamphetamine, Cord, Qual            | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Midazolam, Cord, Qual                  | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Morphine, Cord, Qual                   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| N-desmethyltramadol, Cord, Qual        | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Naloxone, Cord, Qual                   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Norbuprenorphine, Cord, Qual           | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Nordiazepam, Cord, Qual                | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Norhydrocodone, Cord, Qual             | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Noroxycodone, Cord, Qual               | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Noroxymorphone, Cord, Qual             | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| O-desmethyltramadol, Cord, Qual        | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Oxazepam, Cord, Qual                   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Oxycodone, Cord, Qual                  | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Oxymorphone, Cord, Qual                | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Phencyclidine- PCP, Cord, Qual         | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Phenobarbital, Cord, Qual              | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Phentermine, Cord, Qual                | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Propoxyphene, Cord, Qual               | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Tapentadol, Cord, Qual                 | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Tramadol, Cord, Qual                   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Zolpidem, Cord, Qual                   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Temazepam, Cord, Qual                  | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Drug Detection Panel, Umbilical Cord   | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| EER Drug Panel and THC, Umbilical Cord | 23-282-100318 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |

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

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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: 23-282-100318  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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END OF CHART

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

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500 Chipeta Way, Salt Lake City, UT 84108-1221  
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Patient: Patient, Example  
ARUP Accession: 23-282-100318  
Patient Identifiers: 01234567890ABCD, 012345  
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