Timely detection of in utero drug exposure is critical for managing intoxication, withdrawal syndrome, and long-term social and medical needs of exposed neonates. ARUP performs neonatal drug testing on two newborn specimen types: meconium and umbilical cord tissue.

Choose the best testing option for your facility.
Learn more: aruplab.com/newborn-drug-testing
**PANELS**

**DRUG DETECTION PANEL, MECONIUM, QUALITATIVE**
ARUP Test Code 3004583

**DRUG DETECTION PANEL AND THC METABOLITE, MECONIUM, QUALITATIVE**
ARUP Test Code 3006373

**DRUG DETECTION PANEL, UMBILICAL CORD TISSUE, QUALITATIVE**
ARUP Test Code 2006621

**DRUG DETECTION PANEL AND THC METABOLITE, UMBILICAL CORD TISSUE, QUALITATIVE**
ARUP Test Code 3006371

Meconium and umbilical cord tissue are used to detect and document maternal drug use during the last trimester of a full-term pregnancy. ARUP's neonatal drug testing in meconium and umbilical cord tissue is based on highly sensitive and specific qualitative liquid chromatography and tandem mass spectrometry (LC-MS/MS) for all analytes.

### DRUGS AND DRUG METABOLITES REPORTED

#### OPIOIDS
- Buprenorphine
- Norbuprenorphine
- Methadone
- Methadone metabolite (EDDP)
- Heroin metabolite (6-acetylmorphine)
- Morphine
- Codeine
- Dihydrocodeine
- Hydrocodone
- Norhydrocodone
- Hydromorphone
- Oxycodone
- Noroxycodone
- Oxymorphone
- Noroxymorphone
- Tramadol
- N-desmethyltramadol
- O-desmethyltramadol
- Tapentadol
- Fentanyl
- Propoxyphene
- (umbilical cord only)
- Naloxone

#### SEDATIVES/HYPNOTICS
- 7-aminoclonazepam
- α-hydroxyalprazolam
- α-hydroxymidazolam
- Alprazolam
- Butalbital
- Clonazepam
- Lorazepam
- Midazolam
- Nordiazepam
- Oxazepam
- Phenobarbital
- Temazepam
- Zolpidem

#### STIMULANTS
- Methamphetamine
- Amphetamine
- MDMA (Ecstasy)
- Methylphenidate (meconium only)
- Cocaine
- Cocaine metabolites: benzoylecggonine,
  m-hydroxybenzoylggonine
- Phentermine

#### OTHER
- Gabapentin
- Phencyclidine (PCP)
- THC Metabolite (including in 3006371 and 3006373 or add-on option)
- Kratom (add-on option for umbilical cord)
- Mitragynine (included in meconium panels)
- Speciociatine
- Ethanol Metabolite (add-on option for umbilical cord)

### ADD-ON TESTS

**MARIJUANA METABOLITE, MECONIUM, QUALITATIVE**
ARUP Test Code 0092316

**ETHYL GLUCURONIDE, UMBILICAL CORD TISSUE, QUALITATIVE**
ARUP Test Code 3000443

**MARIJUANA METABOLITE, UMBILICAL CORD TISSUE, QUALITATIVE**
ARUP Test Code 3000256

**KRATOM, UMBILICAL CORD TISSUE, QUALITATIVE**
ARUP Test Code 3005874

To access detailed testing information and comparisons, visit: [arupconsult.com/newborn-drug-testing].

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*ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology.*