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: arulab.com/newborn-drug-testing
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-aceetylmorphine)
- Morphine
- Codeine
- Dihydrocodeine
- Hydrocodone
- Norhydrocodone
- Hydromorphone
- Oxycodone
- Noroxycodone
- Oxymorphone
- Noroxymorphone
- Tramadol
- N-desmethy tramadol
- O-desmethy tramadol
- Tapentadol
- Meperidine
- Fentanyl
- Propoxyphene
- Nafoxone

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

#### STIMULANTS
- Methamphetamine
- Amphetamine
- MDMA (Ecstasy)
- Methylphenidate (meconium only)

#### OTHER
- Gabapentin
- Phencyclidine (PCP)

#### ADD-ON TESTS
- THC Metabolite
- Ethanol Metabolite
- Kratom (mitragynine and speciociliatine)

### 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](http://arupconsult.com/newborn-drug-testing)