Timely detection of in utero drug exposure is critical for managing intoxication, withdrawal syndrome, and the long-term social and medical needs of exposed neonates. ARUP offers two newborn specimen types to support neonatal drug testing: Meconium and Umbilical cord.
**MECONIUM**

**ARUP TEST CODE 0092516**

Meconium is the traditional specimen used to detect and document maternal drug use during pregnancy in the last trimester of a full-term birth. ARUP’s neonatal drug testing in meconium is a qualitative immunoassay screen for nine drug classes. Specimens testing positive for one or more drugs are reflexed to highly sensitive and specific mass spectrometry technology for confirmation.

**UMBILICAL CORD TISSUE**

**ARUP TEST CODE 2006621**

Umbilical cord tissue is a relatively new specimen to detect and document maternal drug use during pregnancy in the last trimester of a full-term birth. ARUP’s neonatal drug testing in 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
- hydromorphone

#### STIMULANTS
- methamphetamine
- amphetamine
- MDA
- MDEA (Eve)
- MDMA (Ecstasy)
- cocaine

#### SEDATIVES/HYPNOTICS
- alprazolam
- a-hydroxyalprazolam
- butalbital
- clonazepam
- 7-amino clonazepam
- diazepam
- nordiazepam
- oxazepam
- temazepam
- lorazepam
- midazolam
- phenobarbital
- other

#### OTHER
- cannabis (THC) metabolite
- phencyclidine (PCP)

---

*ETHYL GLUCURONIDE, UMBILICAL CORD TISSUE

**MARIJUANA METABOLITE, UMBILICAL CORD TISSUE**

**ARUP TEST CODE 3000443**

**ARUP TEST CODE 3000256**

www.arulab.com/newborn-drug-testing