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.