INDICATIONS FOR ORDERING
Maternal risk factors
- High-risk behaviors (e.g., history of drug use/abuse, nicotine use, prostitution)
- Minimal or no prenatal care
- Unexplained obstetric events (e.g., placental abruption, premature labor)
Newborn risk factors
- Unexplained neurological complications
- Unexplained intrauterine growth restrictions
- Drug withdrawal symptoms (e.g., neonatal abstinence syndrome [NAS])

Collect specimen(s)

Maternal
ORDER
Urine testing (serial samples and/or at delivery)\(^b\)

Negative
Positive

Unexpected result

No
Yes

Testing complete

Neonate\(^c\)
ORDER
Umbilical cord tissue

ORDER
- Drug Detection Panel, Umbilical Cord Tissue, Qualitative
- Marijuana Metabolite, Umbilical Cord Tissue, Qualitative

Negative
Positive

Unexpected result

No
Yes

Testing complete

Meconium
ORDER
Drugs of Abuse Panel, Meconium - Screen with Reflex to Confirmation/Quantitation

Negative
Positive

Unexpected result

No
Yes

Testing complete

Confirmation testing as needed
Consult pharmacy histories
Discuss with patient
Inform social services if needed
Refer to ARUP Consult Newborn Drug Testing topic for more information

\(^a\)See ARUP's Lab Test Directory for available testing options
\(^b\)Urine testing is not recommended unless umbilical cord tissue or meconium is unavailable
\(^c\)See Umbilical Cord Tissue Collection video for more information