ARUP LABORATORIES
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NEW TEST

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Drug Detection Panel and THC Metabolite, Umbilical Cord Tissue, Qualitative

3006371, C PAN_THC

Specimen Requirements:	
Patient Preparation:	
Collect:	Umbilical cord (at least 8 inches, approximately the width of a sheet of paper.)
Specimen Preparation:	Drain and discard any blood. Rinse the exterior of the cord segment with normal saline or water. Pat the cord dry and transport at least 8 inches of umbilical cord in a routine urine collection cup or Security Kit for Meconium/Umbilical Drug Detection (ARUP supply #51548) available online through eSupply using ARUP Connect(TM) or by contacting ARUP Client Services at 800-522-2787.
Transport Temperature:	Refrigerated
Unacceptable Conditions:	Cords soaking in blood or other fluid. Formalin fixed. Tissue that is obviously decomposed.
Remarks:	
Stability:	Ambient: 1 week; Refrigerated: 3 weeks; Frozen: 1 year
Methodology:	Qualitative Liquid Chromatography-Tandem Mass Spectrometry
Performed:	Sun-Sat
Reported:	1-4 days
Note:	For alcohol metabolite, order Ethyl Glucuronide, Umbilical Cord Tissue, Qualitative (ARUP test code 3000443). For kratom metabolite, order Kratom, Umbilical Cord Tissue, Qualitative (ARUP test code 3005874). If there is not enough sample to complete both components of testing, test will be canceled and client can order an individual test. Drug Detection Panel, Umbilical Cord Tissue, Qualitative (ARUP test code 2006621), or Marijuana Metabolite, Umbilical Cord Tissue, Qualitative (ARUP test code 3000256).
CPT Codes:	80326; 80347; 80364; 80355; 80349 (Alt code: G0481)

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Methodology: Qualitative Liquid Chromatography/Tandem Mass Spectrometry

Detection of drugs in umbilical cord tissue is intended to reflect maternal drug use during approximately the last trimester of a full-term pregnancy. The pattern and frequency of drug(s) used by the mother cannot be determined by this test. A negative result does not exclude the possibility that a mother used drugs during pregnancy. Detection of drugs in umbilical cord tissue depends on extent of maternal drug use, as well as drug stability, unique characteristics of drug deposition in umbilical cord tissue, and the performance of the analytical method. Drugs administered during labor and delivery may be detected. Detection of drugs in umbilical cord tissue does not insinuate impairment and may not affect outcomes for the infant. Interpretive questions should be directed to the laboratory.

Reference Interval:

Test Number	Components	Reference Interval
	Buprenorphine, Cord, Qual	Cutoff 1 ng/g
	Codeine, Cord, Qual	Cutoff 0.5 ng/g
	Dihydrocodeine, Cord, Qual	Cutoff 1 ng/g
	Fentanyl, Cord, Qual	Cutoff 0.5 ng/g
	Hydrocodone, Cord, Qual	Cutoff 0.5 ng/g
	Hydromorphone, Cord, Qual	Cutoff 0.5 ng/g
	Meperidine, Cord, Qual	Cutoff 2 ng/g
	Methadone, Cord, Qual	Cutoff 2 ng/g
	Methadone Metabolite, Cord, Qual	Cutoff 1 ng/g
	6-Acetylmorphine, Cord, Qual	Cutoff 1 ng/g
	Morphine, Cord, Qual	Cutoff 0.5 ng/g
	Naloxone, Cord, Qual	Cutoff 1 ng/g
	Oxycodone, Cord, Qual	Cutoff 0.5 ng/g
	Oxymorphone, Cord, Qual	Cutoff 0.5 ng/g
	Propoxyphene, Cord, Qual	Cutoff 1 ng/g
	Tapentadol, Cord, Qual	Cutoff 2 ng/g
	Tramadol, Cord, Qual	Cutoff 2 ng/g
	N-desmethyltramadol, Cord, Qual	Cutoff 2 ng/g
	O-desmethyltramadol, Cord, Qual	Cutoff 2 ng/g
	Amphetamine, Cord, Qual	Cutoff 5 ng/g
	Benzoylecgonine, Cord, Qual	Cutoff 1 ng/g
	m-OH-Benzoylecgonine, Cord, Qual	Cutoff 1 ng/g
	Cocaethylene, Cord, Qual	Cutoff 1 ng/g
	Cocaine, Cord, Qual	Cutoff 1 ng/g
	MDMA- Ecstasy, Cord, Qual	Cutoff 5 ng/g
	Methamphetamine, Cord, Qual	Cutoff 5 ng/g
	Phentermine, Cord, Qual	Cutoff 8 ng/g
	Alprazolam, Cord, Qual	Cutoff 0.5 ng/g
	Alpha-OH-Alprazolam, Cord, Qual	Cutoff 0.5 ng/g
	Butalbital, Cord, Qual	Cutoff 25 ng/g
	Clonazepam, Cord, Qual	Cutoff 1 ng/g
	7-Aminoclonazepam, Cord, Qual	Cutoff 1 ng/g
	Diazepam, Cord, Qual	Cutoff 1 ng/g
	Lorazepam, Cord, Qual	Cutoff 5 ng/g
	Midazolam, Cord, Qual	Cutoff 1 ng/g
	Alpha-OH-Midazolam, Cord, Qual	Cutoff 2 ng/g
	Nordiazepam, Cord, Qual	Cutoff 1 ng/g

	Oxazepam, Cord, Qual	Cutoff 2 ng/g
	Phenobarbital, Cord, Qual	Cutoff 75 ng/g
	Temazepam, Cord, Qual	Cutoff 1 ng/g
	Zolpidem, Cord, Qual	Cutoff 0.5 ng/g
	Phencyclidine- PCP, Cord, Qual	Cutoff 1 ng/g
	Norbuprenorphine, Cord, Qual	Cutoff 0.5 ng/g
	Norhydrocodone, Cord, Qual	Cutoff 1 ng/g
	Noroxycodone, Cord, Qual	Cutoff 1 ng/g
	Noroxymorphone, Cord, Qual	Cutoff 0.5 ng/g
	THC-COOH, Cord, Qual	Cutoff 0.2 ng/g
	Gabapentin, Cord, Qual	Cutoff 10 ng/g

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.