

**TEST CHANGE**

**Tetrahydrocannabinol (THC) Marijuana** Metabolite, Umbilical Cord Tissue, Qualitative

3000256, THC QQQ CD

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Umbilical **c**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. (Min: 6 inches)

**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:** 1-3 days

**Note:** Absolute Minimum: 6 inches.

**CPT Codes:** 80349 (Alt code: G0480)

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

**Interpretive Data:**

**Positive cutoff:** 0.2 ng/g

**Methodology:** ~~Qualitative Liquid Chromatography-Tandem~~ Mass ~~s~~Spectrometry

This test is designed to detect and document exposure that occurred during approximately the last trimester of a full term pregnancy, to a common ~~cannabis (marijuana)~~ metabolite of THC (which may be present in cannabis products). Alternative testing is available to detect other drug exposures. 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, **or drugs administered directly to the infant after birth** 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.

This test **does not distinguish between the delta-8 and delta-9 forms of THC or their metabolites. For medical purposes only; not valid for forensic use.** ~~was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.~~

Reference Interval:

Test Number	Drugs/Drug Classes	Cutoff Concentrations (ng/g)	Components	Reference Interval
	THC-COOH	0.2	Carboxy-THC, Cord	Cutoff 0.2 ng/g

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