

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 1/12/1986
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Kratom, Umbilical Cord, Qual

ARUP test code 3005874

Mitragynine, Cord, Qual

Present ng/g (Ref Interval: Cutoff 0.08)

INTERPRETIVE INFORMATION: Kratom, Umbilical Cord, Qual

Methodology: Qualitative Liquid Chromatography-Tandem Mass Spectrometry

This test is designed to detect and document exposure to alkaloids found in kratom, an herbal product derived from the *Mitragyna speciosa* tree or related plants, that occurred during approximately the last trimester of a full-term pregnancy. While mitragynine is considered the primary pharmacologically active alkaloid, speciociliatine is also widely detected in umbilical cord tissue. Regular use of or exposure to kratom can lead to dependency, and abstinence may contribute to signs and symptoms of drug withdrawal. Alternative testing is available to detect other drug exposures. The pattern and frequency of kratom used by the mother cannot be determined by this test. A negative result does not exclude the possibility that a mother used kratom during pregnancy. Detection of kratom alkaloids in umbilical cord tissue depends on extent of maternal use, as well as stability, unique characteristics of alkaloid deposition in umbilical cord tissue, and the performance of the analytical method. Detection of kratom alkaloids 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 was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

Speciociliatine, Cord, Qual

Present ng/g (Ref Interval: Cutoff 0.08)

H=High, L=Low, *=Abnormal, C=Critical

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Mitragynine, Cord, Qual	22-332-104595	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Speciociliatine, Cord, Qual	22-332-104595	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-332-104595
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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