

MEMO

TO: CCLS Clients
FROM: CCLS – Specimen Referral Center
DATE: November 10, 2022
SUBJECT: THCU / Carboxy-Tetrahydrocannabinol (THC) confirmation

Effective December 13, Mayo will be making changes to the following tests:

***CONTROLLED SUBSTANCE MONITORING PANEL, RANDOM, URINE,
MAYO TEST CSMPU (LAB0001879)***

***CARBOXY-TETRHYDROCANNABINOL (THC) CONFIRMATION, RANDOM, URINE,
MAYO TEST THCU (LAB0212969)***

***DRUG ABUSE SURVEY WITH CONFIRMATION, RANDOM, URINE,
MAYO TEST CDAU (LAB0202939)***

***DRUG ABUSE SURVEY WITH CONFIRMATION, PANEL 9, RANDOM, URINE,
MAYO TEST CDAU7 (LAB0293839)***

Explanation: The methodology for potential reflex tests THCU / Carboxy-Tetrahydrocannabinol (THC) Confirmation, Random, Urine will be changing from GC-MS to LC-MS/MS which enables us to identify and quantify both delta-8 and delta-9 carboxy-tetrahydrocannabinol (THC). This method change will result in updated reference values and result codes. See chart below.

Current THCU Method		New THCU Method	
Gas Chromatography-Mass Spectrometry (GC-MS) Confirmation with Quantitation		Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)	
Current THCU Reference Values		New THCU Reference Values	
Negative Cutoff concentration: Carboxy-THC- by GC/MS <3.0 ng/mL		Not Detected Cutoff concentration: DELTA-8 CARBOXY-TETRAHYDROCANNABINOL (THC) by LC-MS/MS: < 5.0 ng/mL DELTA-9 CARBOXY-TETRAHYDROCANNABINOL (THC) by LC-MS/MS: < 5.0 ng/mL	
Current THCU Result Codes		New THCU Result Codes	
Result ID	Reporting Name	Result ID	Reporting Name
2497	Carboxy-THC- by GC/MS	618770	Delta-8 Carboxy-Tetrahydrocannabinol by LC-MS/MS
21186	Carboxy-THC Interpretation	2497	Delta-9 Carboxy-Tetrahydrocannabinol by LC-MS/MS
21187	Chain of Custody	21186	Carboxy-THC Interpretation

Please feel free to contact the Specimen Referrals Center with any questions at 320-251-2700 Ext. 57320