

# MEMO

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**TO:** CCLS Clients  
**FROM:** CCLS – Specimen Referral Center  
**DATE:** June 14, 2021  
**SUBJECT:** Drugs of Abuse Screen, Meconium

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Effective June 21, 2021, Mayo will be making changes to the following test:

***DRUGS OF ABUSE SCREEN 5, CHAIN OF CUSTODY, MECONIUM, MAYO CODE DSM5X (LAB1153)***

The cutoff concentrations for confirmatory testing will be lowered for the following panel components:

## **Amphetamine-Type Stimulants Confirmation, Chain of Custody, Meconium**

**Test ID:** AMPMX

Current Reference Value	New Reference Value
Negative  Positives are reported with a quantitative LC-MS/MS result.  Cutoff concentrations: Amphetamine by LC-MS/MS: 50 ng/g Methamphetamine by LC-MS/MS: 50 ng/g 3,4-Methylenedioxyamphetamine by LC-MS/MS: 50 ng/g 3,4-Methylenedioxyethylamphetamine by LC-MS/MS: 50 ng/g 3,4-Methylenedioxymethamphetamine by LC-MS/MS: 50 ng/g	Negative  Positives are reported with a quantitative liquid chromatography-tandem mass spectrometry (LC-MS/MS) result.  Cutoff concentrations for LC-MS/MS testing: Amphetamine: 20 ng/g Methamphetamine: 20 ng/g 3,4-Methylenedioxyamphetamine: 20 ng/g 3,4-Methylenedioxyethylamphetamine: 20 ng/g 3,4-Methylenedioxymethamphetamine: 20 ng/g

## Cocaine and Metabolite Confirmation, Chain of Custody, Meconium

**Test ID:** COKMX

Current Reference Value
Negative
Positives are reported with a quantitative LC-MS/MS result.
Cutoff concentrations Cocaine by LC-MS/MS: 50 ng/g Benzoyllecgonine by LC-MS/MS: 50 ng/g Cocaethylene by LC-MS/MS: 50 ng/g <i>m</i> -Hydroxybenzoyllecgonine by LC-MS/MS: 50 ng/g

New Reference Value
Negative
Positives are reported with a quantitative liquid chromatography-tandem mass spectrometry (LC-MS/MS) result.
Cutoff concentrations for LC-MS/MS testing: Cocaine: 20ng/g Benzoyllecgonine: 20 ng/g Cocaethylene: 20 ng/g <i>m</i> -Hydroxybenzoyllecgonine: 20ng/g

## Opiate Confirmation, Chain of Custody, Meconium

**Test ID:** OPTMX

Current Reference Value
Negative
Positives are reported with a quantitative LC-MS/MS result.
Cutoff concentrations Codeine by LC-MS/MS: 50 ng/mL Hydrocodone by LC-MS/MS: 50 ng/mL Hydromorphone by LC-MS/MS: 50 ng/mL Morphine by LC-MS/MS: 50 ng/mL Oxycodone by LC-MS/MS: 50 ng/mL Oxymorphone by LC-MS/MS: 50 ng/mL

New Reference Value
Negative
Positives are reported with a quantitative liquid chromatography-tandem mass spectrometry (LC-MS/MS) result.
Cutoff concentrations for LC-MS/MS testing: Codeine: 20 ng/mL Hydrocodone: 20 ng/mL Hydromorphone: 20 ng/mL Morphine: 20 ng/mL Oxycodone: 20 ng/mL Oxymorphone: 20 ng/mL

## Phencyclidine (PCP) Confirmation, Meconium

**Test ID:** PCPMX

Current Reference Value
Negative
Positives are reported with a quantitative LC-MS/MS result.
Cutoff concentrations PCP by LC-MS/MS: 10 ng/g

New Reference Value
Negative
Positives are reported with a quantitative liquid chromatography-tandem mass spectrometry result.
Cutoff concentration: PCP by LC-MS/MS: 5 ng/g

## 11-nor-Delta-9-Tetrahydrocannabinol-9-Carboxylic Acid (Carboxy-THC) Confirmation, Chain of Custody, Meconium

**Test ID:** THCMX

Current Reference Value
Negative
Positives are reported with a quantitative LC-MS/MS result.
Cutoff concentrations Tetrahydrocannabinol carboxylic acid (marijuana metabolite) by LC-MS/MS: 10 ng/g

New Reference Value
Negative
Positives are reported with a quantitative liquid chromatography-tandem mass spectrometry result.
Cutoff concentration: 5 ng/g

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