

MEMORANDUM

To: All Physicians & Nurse Practitioners, Newfoundland & Labrador
 Date: September 9th, 2021
 Re: Temporary Interruption in UDCS Testing
 From: Biochemistry Department, Laboratory Medicine, Eastern Health

Dear Colleagues,

Testing for fifty-five-drug panel Urine Drug Confirmatory Screen (UDCS) performed on LC/MS/MS is **suspended until further notice** due to a recent equipment breakdown requiring a part change in the LC/MS/MS instrument. At this time, we will not be able to provide a timeline for return of service as the instrument parts ordered by the manufacturer are on backorder.

During the service interruption:

1. We will provide Immunoassay-based point of care testing (UDS) for routine use. The following table demonstrates the tests monitored and their cut-off points in the UDS panel (the fifty-five tests included in the UDCS panel and their cut-offs are presented in **Appendix A** for your information).

Test	Cutoff
Amphetamine (AMP)	1000 ng/mL
Barbiturates (Secobarbital) (BAR)	300 ng/mL
Benzodiazepines (Oxazepam) (BZO)	300 ng/mL
Cocaine (Benzoyllecgonine) (COC-300)	300 ng/mL
3,4-methylenedioxymethamphetamine (MDMA)	500 ng/mL
Methamphetamine (mAMP)	1000 ng/mL
Methadone (MTD)	300 ng/mL
Morphine (MOP)	300 ng/mL
Oxycodone (OXY)	100 ng/mL
Phencyclidine (PCP)	25 ng/mL
Tricyclic Antidepressants (Nortriptyline) (TCA)	1000 ng/mL
Tetrahydrocannabinol (11-nor- Δ^9 -THC-9-COOH) (THC)	50 ng/mL

2. All the UDCS panel orders received since August 16th, 2021, will be changed to UDS and reported as described in the above table. Samples will be stored for two months if there is a need for further testing. Please contact Dr. Berna Aslan at (709)699-7510 or Dr. Vinita Thakur at (709)682-6326.
3. Only urgent requests for comprehensive urine drug screens will be approved for send-out. We require that an LTSA form (<https://old.easternhealth.ca/DownFile.Aspx?fileid=5025>) be submitted for approval by the biochemist-on-call.

We apologize for the inconvenience this will cause and thank you for your understanding. Please contact Dr. Berna Aslan (709)699-7510 or Dr. Vinita Thakur (709)682-6326 if you have any questions.

Kindest Regards,

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Appendix A. Analytes Included in the UDCS Panel & Their Cutoffs:

Analyte	Positivity Cutoff (ng/mL)	Analyte	Positivity Cutoff (ng/mL)
6-Acetylmorphine	10	Oxazepam	100
Codeine	100	Clonazepam	100
Norcodeine	100	7-Aminoclonazepam	100
Hydrocodone	100	Alprazolam	100
Norhydrocodone	100	a-Hydroxyalprazolam	100
Morphine	100	Flurazepam	100
Hydromorphone	100	Desalkylflurazepam	100
Oxycodone	100	Flunitrazepam	100
Noroxycodone	100	7-Aminoflunitrazepam	100
Oxymorphone	100	Nitrazepam	100
Fentanyl	25	Triazolam	100
Norfentanyl	25	Lorazepam	100
Methadone	100	Bromazepam	100
EDDP	100	Zopiclone	5
Buprenorphine	5	N-Desmethylzopiclone	5
Norbuprenorphine	5	Methylphenidate	100
Meperidine	100	Ritalinic Acid	100
Normeperidine	100	Amphetamine	100
cis-Tramadol	100	Methamphetamine	100
o-Desmethyltramadol	100	MDMA	100
N-Desmethyltramadol	100	MDA	100
Propoxyphene	100	MDEA	100
Norpropoxyphene	100	Cocaine	100
Naloxone	100	Benzoylcegonine	100
Diazepam	100	Diphenhydramine	100
Nordiazepam	100	Ketamine	25
Temazepam	100	PCP	25
		THC-COOH	20