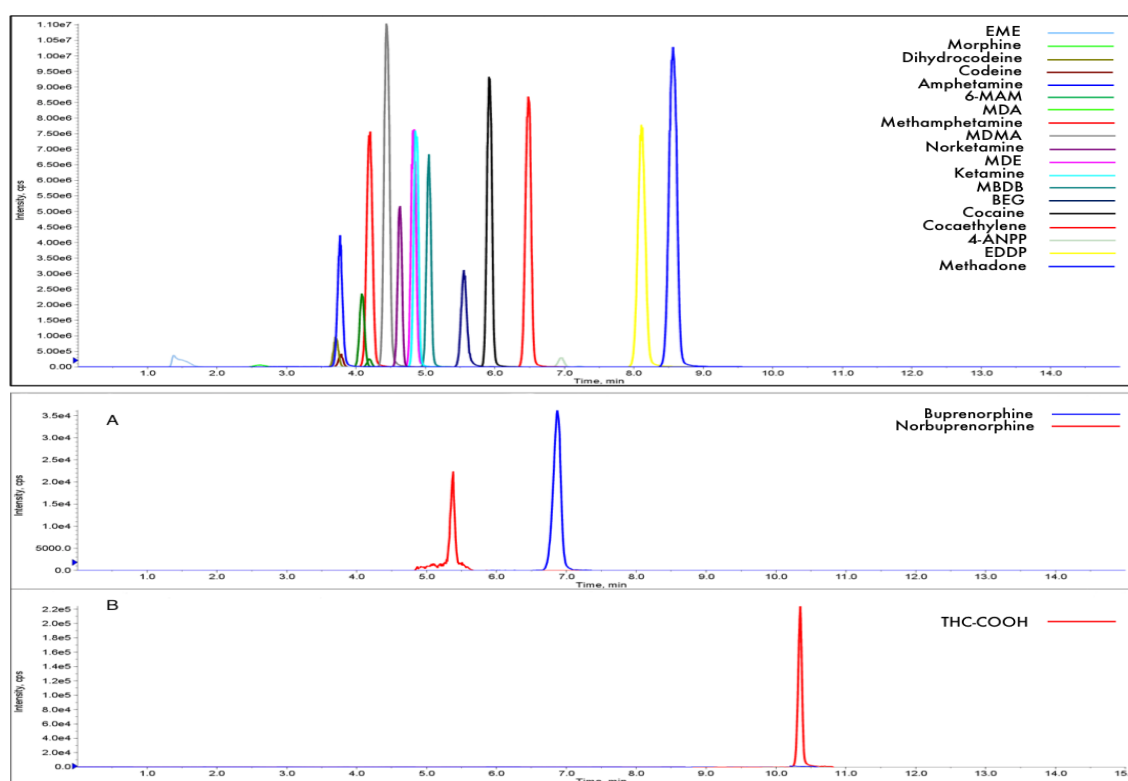


FLOMASS[®] DRUGS OF ABUSE IN URINE

Our panel of drug of abuse in urine includes: Amphetamine, Methamphetamine, MDA, MDE, MDMA, MBDB, Cocaine, Benzoylecgonine, Ecgoninmethylester, Coca ethylene, Morphine, 6-MAM, Codeine, Dihydrocodeine, THC-COOH, Methadone, EDDP, Buprenorphine, Norbuprenorphine, Ketamine, Norketamine, 4-ANPP.



HPLC-MS/MS system conditions

Ionization: ESI positive mode, except for THC-COOH analyzed in negative mode

MS/MS: specific MRM

Injection volume: 15 μ L (variable according to instrumental sensitivity)

Running time: 15 min

Column heater: 31 °C

Column conditioning: column should be conditioned for 5 min at the chromatographic condition initial. Then run 3 blank samples (MPA only) using the gradient as indicated in IFU

Sample preparation

- Prepare a mix composed of 50 μ L of Sol 1 Buffer + 10 μ L of Internal Standard Mix per sample
- Pipette 250 μ L of urine. Add 60 μ L of the mix prepared at step 1 of the procedure and 15 μ L of Sol 1 Buffer (or Sol 3 hydrolysis if you use enzymatic hydrolysis protocol)
- Vortex for 10 sec
- Incubate in thermoblock at 65°C for 4 hours (ONLY if you use hydrolysis protocol)
- Add 300 μ L of Sol 2 Precipitant
- Vortex for 10 sec and centrifuge at 12000 rpm for 5 min
- Transfer the supernatant into another vial and dilute it with Mobile Phase A depending on the instrumental sensitivity
- Minimum dilution for Opiates, Amphetamine, Ketamine, Cocaine and its metabolites, Methadone and its metabolite is 1:10 (20 μ L of supernatant + 180 μ L of Mobile Phase A) variable according to instrumental sensitivity
- Minimum dilution for Cannabinoids, Buprenorphine and Norbuprenorphine is 1:2 (100 μ L of supernatant + 100 μ L of Mobile Phase A)
- Transfer into an autosampler vial with plastic adapter and analyze with HPLC-MS/MS technique

Performance

For the detailed performance, please have a look at IFU.

Ordering guide

EUM02100	FloMass® Drugs of Abuse in Urine	100 assays
EUM2042	6-Levels Calibrators, lyophil.	3 x 6 x 0.6 mL
EUM02055	2-Levels Controls, lyophil	3 x 2 x 0.6 mL
EUM00C02	Chromatographic Column	1 pc
EUM00A04	Precolumn	4 pcs