

TOXICOLOGY REPORT

Patient Name	John Doe	Requesting Physician	Molecular
Patient DOB	12/27/2016	Collected	10/20/2016
Requisition Number	TX10000006	Received	10/21/2016
Patient ID	N/A	Report Generated	10/22/2016
Specimen Type	Urine		
Medications	Suboxone Note: Some medications may not be listed if they do not appear in our database.		

Specimen Validity Results	Tested	Result	Normal	Outcome Acceptable
	Creatinine	171	>20.0 mg/dL	
	pH	7.0	4.5-8.9	
	Oxidant	18	<50 mcg/mL	
Notes				

Summary of Quantitative Results

Drug Name	Conc. (ng/mL)	Normalized conc.	Results	Outcome	Instrument Range (ng/mL)
Buprenorphine	444	259	DETECTED	CONSISTENT	8 - 1,000
Cotinine	>5000	>2914	DETECTED		160 - 5,000
Desmethyldoxepin	298	174	DETECTED	INCONSISTENT	8 - 1,000
Doxepin	>1250	>728	DETECTED	INCONSISTENT	10 - 1,250
Naloxone	>500	>291	DETECTED	CONSISTENT	4 - 500
Norbuprenorphine	1186	691	DETECTED	CONSISTENT	16 - 2,000

Historical Results (normalized concentration)

Report Generated	9/8/2016	9/16/2016	9/20/2016	9/27/2016	10/4/2016	Current
Requisition Number	TX10000001	TX10000002	TX10000003	TX10000004	TX10000005	TX10000006
Creatinine	134.5	145.8	121.1	190	76.5	171
Buprenorphine	149	98	254	161	196	259
Norbuprenorphine	182	425	512	250	927	691
Naloxone	>372	>343	>413	>263	>500	>291
Doxepin	-	-	>1032	172	>1250	>728
Desmethyldoxepin	-	-	10	-	132	174
Cotinine	>3717	>3429	>4129	>2632	>5000	>2914

Quantitative Results

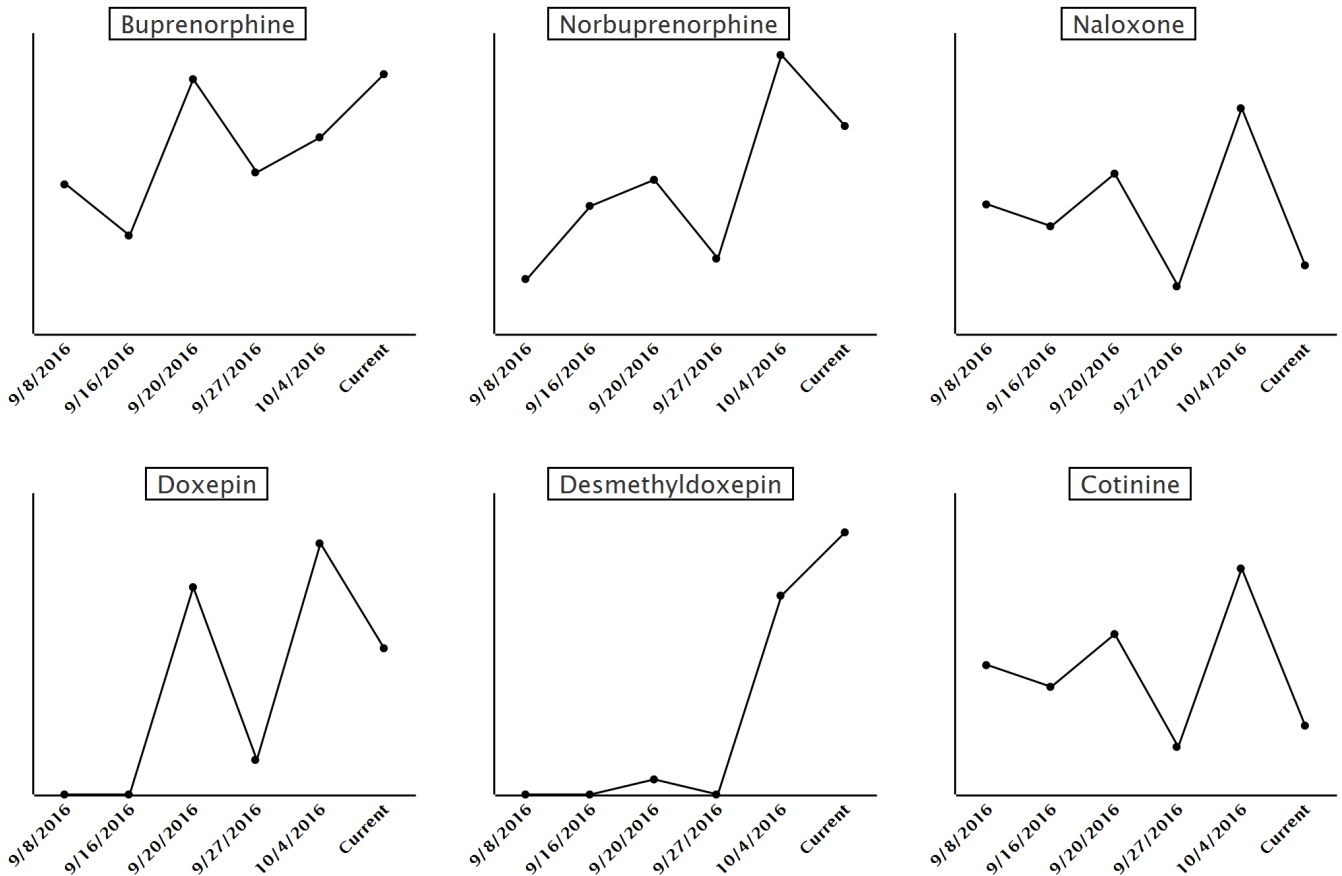
Drug Name	Conc. (ng/mL)	Normalized conc.	Results	Outcome	Instrument Range (ng/mL)
Opiates / Opioids					
Buprenorphine	444	259	DETECTED	CONSISTENT	8 - 1,000
NOTE: Source; Buprenex, Suboxone, Subutex. Detection window; 7 days after use.					
Norbuprenorphine	1186	691	DETECTED	CONSISTENT	16 - 2,000
NOTE: Source; A metabolite of buprenorphine. Detection window; 7 days after use.					
Codeine			Not Detected		20 - 2,500
Hydrocodone			Not Detected		20 - 2,500
Hydromorphone			Not Detected		20 - 2,500
Morphine			Not Detected		20 - 2,500
Fentanyl			Not Detected		0.8 - 100.0
Norfentanyl			Not Detected		3.2 - 400.0
Meperidine			Not Detected		20 - 1,250
Normeperidine			Not Detected		40 - 1,250
Methadone			Not Detected		40 - 5,000
EDDP			Not Detected		40 - 5,000
Naloxone	>500	>291	DETECTED	CONSISTENT	4 - 500
NOTE: Source; Narcan, Suboxone. Detected in low levels following oral administration, higher following IV, IM, SQ administration. Detection window; 1 days depending on a form of administration.					
Naltrexone			Not Detected		16 - 2,000
Oxycodone			Not Detected		20 - 2,500
Oxymorphone			Not Detected		20 - 2,500
Propoxyphene			Not Detected		40 - 5,000
Norpropoxyphene			Not Detected		40 - 5,000
Tapentadol			Not Detected		20 - 2,500
N-Desmethyltapentadol			Not Detected		40 - 5,000
Tramadol			Not Detected		40 - 5,000
O-Desmethyltramadol			Not Detected		80 - 10,000
Sedative hypnotic					
7-Aminoclonazepam			Not Detected		40 - 5,000
7-Aminoflunitrazepam			Not Detected		10 - 1,250
Alprazolam			Not Detected		8 - 1,000
Alpha-Hydroxyalprazolam			Not Detected		16 - 2,000
Diazepam			Not Detected		8 - 1,000
Nordiazepam			Not Detected		16 - 2,000
Oxazepam			Not Detected		20 - 2,500
Temazepam			Not Detected		20 - 2,500

Drug Name	Conc. (ng/mL)	Normalized conc.	Results	Outcome	Instrument Range (ng/mL)
Lorazepam			Not Detected		20 - 2,500
Amobarbital/Pentobarbital			Not Detected		40 - 5,000
Butalbital			Not Detected		40 - 5,000
Phenobarbital			Not Detected		40 - 5,000
Zolpidem			Not Detected		4 - 500
Zolpidem Phenyl COOH			Not Detected		20 - 2,500
Illicit					
6-Acetylmorphine (6-AM)			Not Detected		10.0 - 500.0
Benzoylcegonine			Not Detected		50 - 2,500
MDA			Not Detected		40 - 5,000
MDEA			Not Detected		40 - 5,000
MDMA			Not Detected		20 - 2,500
Methamphetamine			Not Detected		100 - 5,000
Phencyclidine			Not Detected		10 - 500
THC-COOH			Not Detected		6.0 - 750.0
Antidepressant					
Amitriptyline			Not Detected		10 - 1,250
Nortriptyline			Not Detected		40 - 5,000
Doxepin	>1250	>728	DETECTED	INCONSISTENT	10 - 1,250
NOTE: Source; Silenor, Zonalon. Detection window; 8 days after use.					
Desmethyldoxepin	298	174	DETECTED	INCONSISTENT	8 - 1,000
NOTE: Source; A metabolite of doxepine. Detection window; 8 days after use.					
Imipramine			Not Detected		10 - 1,250
Desipramine			Not Detected		8 - 1,000
ADHD					
Amphetamine			Not Detected		50 - 5,000
Alcohol Biomarkers					
Ethyl Glucuronide (ETG)			Not Detected		500 - 50,000
Ethyl Sulfate (ETS)			Not Detected		250 - 50,000
Other					
Carisoprodol			Not Detected		40 - 5,000
Meprobamate			Not Detected		80 - 10,000
Cotinine	>5000	>2914	DETECTED		160 - 5,000
NOTE: Source; A metabolite of nicotine. Detection window; 4 days after use.					
Ketamine			Not Detected		8 - 1,000
Norketamine			Not Detected		10 - 1,250

Normalized concentration(s) was calculated based on urine creatinine level.
The creatinine concentration was 171mg/dL.

Notice: Consistent/Inconsistent outcomes in the report are based on legible list of medications submitted with requisition.

Graphical Trends of Historical Results



Methodology: Qualitative: Immunoassay
Quantitative: LC/MS/MS

Disclaimer: This test was developed by and its performance characteristics determined by Molecular Testing Labs. This test is not cleared or approved by the FDA. Molecular Testing Labs is qualified to perform high-complexity testing and regulated under CLIA. This test is used for clinical purposes and should not be regarded as investigational or for research.