

| REQUESTOR | PATIENT | REFERENCE |
|--|--|---|
| Requestor: Sample Physician | Patient Name: XXXXXXXX, XXXXXX | Requisition ID: XXXXXXXXX |
| Account: Account Name 200 Precision Drive Horsham, PA 19044 | Patient ID: XXXXX | Accessioning ID: XXXXXXXX |
| | Gender: X | Collected Date: June 03, 2018 |
| | Date of Birth: Month DD, YYYY | Received Date: June 07, 2018 |
| | Previous Tests*: 6 Previous Tests | Reported Date: June 11, 2018 |
| | | Specimen Type: URINE |

| Profile Ordered |
|---|
| Test(s) Requested: 620010 - Buprenorphine & Naloxone |
| Test(s) Requested: 654520 - Pain Management Custom Panel |
| Reflex Ordered: 602100 - Amphetamines |
| Reflex Ordered: 605200 - Benzodiazepines |
| Reflex Ordered: 606100 - Cannabinoids |
| Reflex Ordered: 3800 - Chiral |
| Reflex Ordered: 656100 - LSD |

| Prescribed Medications | PRN | Last Consumption |
|------------------------|-----|------------------|
| SUBOXONE | No | 5/23/2018 |

SUMMARY RESULTS

Please review this report carefully; results are noted below and include the following:

| Test Name | Prescribed | Outcome | Reported Value | Comment |
|----------------------|------------|--------------|----------------|--|
| D-Methamphetamine | No | | 97 | % d-isomer. D-Methamphetamine is psychoactive. Result is percentage of D isomer present in urine. Greater than 20% is indicative of D-Methamphetamine ingestion. L-Methamphetamine is a decongestant (Vicks® Inhaler), and is also a metabolite of the anti-Parkinson's medication selegiline. |
| Methamphetamine | No | INCONSISTENT | 6031 ng/mL | Unprescribed drug was detected. Brand(s): Desoxyn®. Often accompanied by its metabolite amphetamine in body fluids. Approximate window of detection up to 9 days (urine pH dependent). |
| Amphetamine | No | INCONSISTENT | 1718 ng/mL | Unprescribed drug was detected. Brand(s): Adderall®, Vyvanse®, Didrex®, Dexedrine®. Also a metabolite of methamphetamine. Approximate window of detection up to 9 days (urine pH dependent). |
| Buprenorphine | Yes | Consistent | 241.4 ng/mL | Prescribed drug was detected. Brand(s): Belbuca®, Bunavail®, Buprenex®, Butrans®, Suboxone®, Subutex®. Approximate window of detection up to 7 days. |
| Norbuprenorphine | Yes | Consistent | 1596.8 ng/mL | Prescribed drug was detected. Metabolite of buprenorphine. Approximate window of detection up to 7 days. |
| Naloxone | Yes | Consistent | 301.2 ng/mL | Prescribed drug was detected. Brand(s): Narcan®, Ingredient of Suboxone®. Approximate window of detection 3 days. |
| Marijuana Metabolite | No | INCONSISTENT | 655.9 ng/mL | ILLICIT DRUG DETECTED. Approximate window of detection up to 24 days in chronic heavy users. |

Patient Name: XXXXXXXX, XXXXXX

Accessioning ID: XXXXXXXX

Report Date: 6/11/2018

HISTORY

| | 1/31/2018 | 3/6/2018 | 4/20/2018 | 5/15/2018 | 6/3/2018 |
|---------------------------------|---|---|---|---|--|
| | XXXXXXXX | XXXXXXXX | XXXXXXXX | XXXXXXXX | XXXXXXXX |
| Specimen Type | Urine | Urine | Urine | Urine | Urine |
| Specimen Validity | Normal | Normal | Normal | Normal | Normal |
| Unprescribed Drug Found | Gabapentin Marijuana Metabolite | Marijuana Metabolite | Marijuana Metabolite Sertraline | Marijuana Metabolite Methylphenidate Metabolite | Amphetamine Marijuana Metabolite Methamphetamine |
| Prescribed Not Found | None | None | None | Naloxone | None |
| Prescribed Not Found PRN | None | None | None | None | None |
| Prescribed/Consistent | Buprenorphine Naloxone Norbuprenorphine | Buprenorphine Naloxone Norbuprenorphine | Buprenorphine Naloxone Norbuprenorphine | Buprenorphine Norbuprenorphine | Buprenorphine Naloxone Norbuprenorphine |

Detailed Results on following page(s)...

TESTS PERFORMED

*Units for Cut Off and Value are in ng/mL

*Units for Ethanol (Alcohol) Cut Off and Value are reported as mg/dL

| Test Name | Test Result | Value* | Cut Off * | Determination | Note |
|------------------------------------|-----------------|---------------|----------------|---------------------|--|
| Alkaloid | | | | | |
| Mitragynine (Kratom) [3] | Negative | | 5 | | |
| Amphetamines | | | | | |
| Amphetamine [1][3] | Positive | 1718 | 300/100 | INCONSISTENT | Unprescribed drug was detected. |
| D-Methamphetamine [1][3][2] | | 97 | | | % d-isomer. |
| Ecstasy Analogs [1] | Negative | | 300 | | |
| Methamphetamine [1][3] | Positive | 6031 | 300/100 | INCONSISTENT | Unprescribed drug was detected. |
| Antihistamines | | | | | |
| Diphenhydramine [3] | Negative | | 20 | | |
| Barbiturates [1] | Negative | | 200 | | |
| Benzodiazepines | | | | | |
| Alprazolam Metabolite [1][3] | Negative | | 50 | | |
| Clonazepam Metabolite [1][3] | Negative | | 50 | | |
| Estazolam [1][3] | Negative | | 50 | | |
| Flunitrazepam Metabolite [1][3] | Negative | | 50 | | |
| Flurazepam Metabolite [1][3] | Negative | | 50 | | |
| Lorazepam [1][3] | Negative | | 50 | | |
| Midazolam Metabolite [1][3] | Negative | | 50 | | |
| Nitrazepam Metabolite [1][3] | Negative | | 50 | | |
| Nordiazepam [1][3] | Negative | | 50 | | |
| Oxazepam [1][3] | Negative | | 50 | | |
| Temazepam [1][3] | Negative | | 50 | | |
| Triazolam Metabolite [1][3] | Negative | | 50 | | |
| Buprenorphine/Naloxone | | | | | |
| Buprenorphine [1][3] | Positive | 241.4 | 5 | Consistent | Prescribed drug was detected. |
| Naloxone [3] | Positive | 301.2 | 5 | Consistent | Prescribed drug was detected. |
| Norbuprenorphine [1][3] | Positive | 1596.8 | 5 | Consistent | Prescribed drug was detected. |
| Cannabinoids | | | | | |
| Marijuana Metabolite [1][3] | Positive | 655.9 | 20/10 | INCONSISTENT | ILLCIT DRUG DETECTED. |
| Cannabinoids - Synthetic | | | | | |
| AM2201 N-4-hydroxypentyl [3] | Negative | | 0.5 | | |
| JWH 018 hydroxyindol [3] | Negative | | 0.5 | | |
| JWH 018 hydroxypentyl [3] | Negative | | 0.5 | | |
| JWH 018 pentanoic acid [3] | Negative | | 0.5 | | |
| JWH 019-N-6-hydroxyhexyl [3] | Negative | | 0.5 | | |
| JWH 073 butanoic acid [3] | Negative | | 0.5 | | |
| JWH 073 hydroxybutyl [3] | Negative | | 0.5 | | |
| JWH 073 hydroxyindol [3] | Negative | | 0.5 | | |
| JWH 081-N-5-hydroxypentyl [3] | Negative | | 0.5 | | |
| JWH 122 pentanoic acid [3] | Negative | | 0.5 | | |
| JWH 210-N-5-carboxypentyl [3] | Negative | | 0.5 | | |
| JWH 250-N-5-carboxypentyl [3] | Negative | | 0.5 | | |
| RCS4 N-5-carboxypentyl [3] | Negative | | 0.5 | | |
| UR144 pentanoic acid [3] | Negative | | 0.5 | | |
| XLR11 hydroxypentyl [3] | Negative | | 0.5 | | |
| Cocaine Metabolites [1] | Negative | | 300 | | |
| ETG/ETS [1] | Negative | | 100 | | |
| Ethanol (Alcohol) [1] | Negative | | 20 | | |

Patient Name: XXXXXXXX, XXXXXX

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| Test Name | Test Result | Value* | Cut Off * | Determination | Note |
|--------------------------------------|-------------|--------|-----------|---------------|------|
| Fentanyl | | | | | |
| Fentanyl [1] | Negative | | 2 | | |
| LSD | | | | | |
| LSD [1][3] | Negative | | 0.5/0.2 | | |
| OxoHydroxyLSD [1][3] | Negative | | 0.5/0.1 | | |
| Methadone [1] | Negative | | 150 | | |
| Methylphenidate | | | | | |
| Methylphenidate Metabolite [3] | Negative | | 10 | | |
| Opiates - Basic [1] | Negative | | 100 | | |
| Opioids and Opiate Analogs | | | | | |
| Meperidine Metabolite [1] | Negative | | 100 | | |
| Tramadol [1] | Negative | | 100 | | |
| Oxycodone/Oxymorphone [1] | Negative | | 100 | | |
| Phencyclidine (PCP) [1] | Negative | | 25 | | |
| Propoxyphene [1] | Negative | | 300 | | |
| Skeletal Muscle Relaxants | | | | | |
| Meprobamate [1] | Negative | | 100 | | |
| Synthetic Stimulants: Illicit | | | | | |
| Alpha-PVP [3] | Negative | | 5 | | |
| MDPV [3] | Negative | | 5 | | |
| Mephedrone [3] | Negative | | 5 | | |
| Methedrone [3] | Negative | | 5 | | |
| Methylone [3] | Negative | | 5 | | |
| Pentylone [3] | Negative | | 10 | | |
| Pyrovalerone [3] | Negative | | 5 | | |

Test Method: [1] EIA Screening; [2] GC/MS; [3] LC/MS/MS;
*Units for Cut Off and Value are in ng/mL

*Units for Ethanol (Alcohol) are reported as mg/dL

The LC/MS/MS and GCMS tests are high complexity laboratory developed tests and their performance characteristics determined by DRUGSCAN.

VALIDITY TESTING

| Test Name | Screening Range | Result | Units | Method | Comment |
|------------|-----------------|--------|--------|-----------------------|---------|
| Creatinine | >20.00 | 294.9 | mg/dL | Colorimetric | |
| Nitrite | <200 | 69.1 | mcg/mL | Colorimetric | |
| pH | 4.50 - 9.00 | 5.5 | | Colorimetric/pH Meter | |

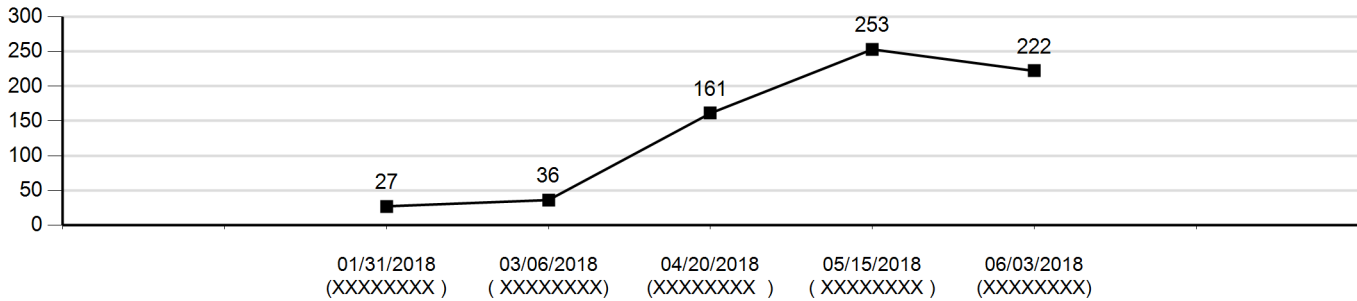
Patient Name: XXXXXXXX, XXXXXXXX

Accessioning ID: XXXXXXXX

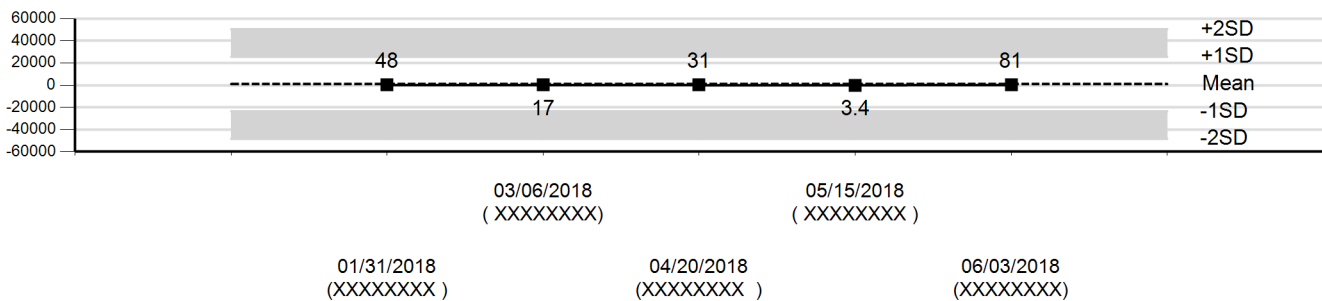
Report Date: 6/11/2018

Normalized Graphs By Drug

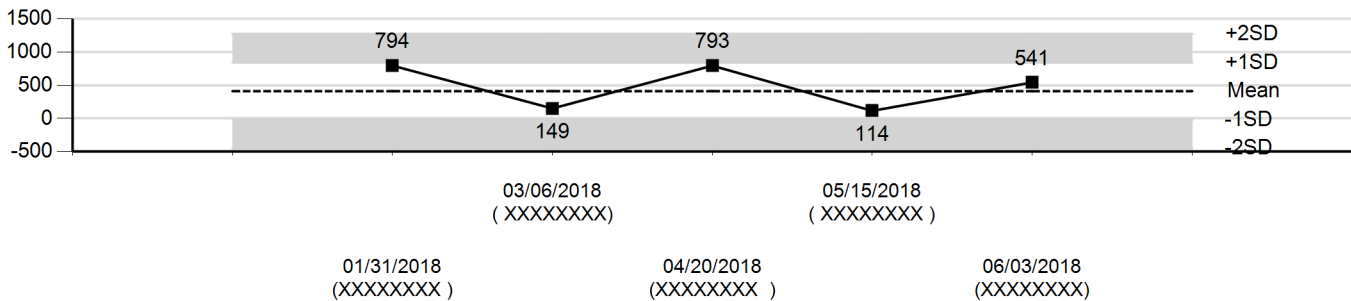
Marijuana Metabolite Normalized (ng/mg of urine creatinine)



Buprenorphine Normalized (ng/mg of urine creatinine)



Norbuprenorphine Normalized (ng/mg of urine creatinine)



The Buprenorphine and Norbuprenorphine Normalized graphs represent the concentration of buprenorphine and norbuprenorphine in urine normalized to 100 mg/dL of creatinine. The mean and standard deviation ranges represent all buprenorphine and norbuprenorphine results in the Drugscan Database. This plotted data is to help with the evaluation of the patient. This data cannot be used to determine dosage, frequency of ingestion, or time of ingestion of the medication. This data is not diagnostic for any disease states.