

MILLENNIUMUDTSMRADAR[®] Report

Consistency and Validity Results

RADAR[®] Hotline
866.866.0605Patient Name: MOYER, ROBERT
Patient SSN:
Patient DOB: 01/05/1967Requesting Provider: Kaelyn Hewson
NPI: 1891209599
Requesting Practice: New Life Recovery SolutionsSpecimen ID: MH00473971
Accession ID: AC5875338
Original Report (Final)
11/04/2023 Original (Final)Specimen Outcome: LC-MS/MS POSITIVE
Specimen Validity Outcome: NORMAL
Specimen Type: UrineCollected: 11/01/23 07:00 PM
Received: 11/03/23 08:40 AM PT
Tested: 11/03/23
Completed: 11/04/23

CONSISTENT RESULTS - REPORTED MEDICATION DETECTED (PARENT DRUG AND/OR METABOLITE)

| REPORTED MEDICATION | ANTICIPATED POSITIVE(S) | TEST OUTCOME | TEST RESULT (ng/mL) | DETECTION WINDOW ¹ | COMMENTS |
|---------------------|-------------------------|--------------|---------------------|-------------------------------|----------|
| NONE REPORTED | | | | | |

INCONSISTENT RESULTS - REPORTED MEDICATION NOT DETECTED (NEITHER PARENT DRUG NOR METABOLITE)

| REPORTED MEDICATION | ANTICIPATED POSITIVE(S) | TEST OUTCOME | DETECTION WINDOW ¹ | COMMENTS |
|---------------------|-------------------------|--------------|-------------------------------|----------|
| NONE REPORTED | | | | |

INCONSISTENT RESULTS² - ANALYTE DETECTED BUT NO CORRESPONDING MEDICATION REPORTED

| DETECTED ANALYTE | TEST OUTCOME | TEST RESULT (ng/mL) | DETECTION WINDOW ¹ | COMMENTS |
|-----------------------------|--------------|---------------------|---|--|
| cTHC (Marijuana metabolite) | POSITIVE | 97 | Single use: 2-3 days; Moderate use (4 times/wk): 5-7 days; Heavy use: 10-15 days; Chronic use: 19-40 days; Oral ingestion: 1-5 days | cTHC was detected and is found in marijuana. Marijuana is a DEA Schedule I controlled substance with very limited pharmaceutical application. Historical cTHC creatinine-corrected levels may be useful when monitoring for abstinence from marijuana. Consider contacting a toxicologist for assistance with interpretation of historical levels. |

(1) The following may affect detection window: elimination half-life of the analyte, administered dose, acute versus chronic drug use, drug interactions, sensitivity of the detection method, cutoff levels and physiological differences between patients. (2) If prescribed medications are not reported to Millennium Health on the test requisition form, any positive results will appear in the inconsistent results section. Please call the RADAR[®] Hotline if you would like to amend a report to include prescribed medications not reported.

SPECIMEN VALIDITY RESULTS

| TEST (MEASUREMENT UNIT) | TEST OUTCOME | MEASURED RESULT | REFERENCE RANGE |
|-------------------------|--------------|-----------------|-----------------|
| CREATININE (mg/dL) | Normal | 48.2 | >20 mg/dL |
| OXIDANT (ug/mL) | Normal | 0 | <200 ug/mL |
| pH | Normal | 6.2 | 4.5 - 9.5 |
| SPECIFIC GRAVITY (NONE) | Normal | 1.005 | 1.003 - 1.035 |

OTHER REPORTED PRESCRIBED MEDICATIONS (NOT TESTED BY LC-MS/MS OR NOT QUANTIFIED)

NONE

The consistency section provides interpretive assistance based on available data, but may not cover all drug use scenarios or clinical circumstances. In making treatment decisions, it should be used in the context of a clinical evaluation. Consultation is available through RADAR[®] Hotline. The medication information reported here and on the requisition form has been provided by the requesting provider and has not been verified by Millennium Health. The consistency section utilizes LC-MS/MS test results and does not include results for EIA, ELISA or Chemical assays.

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RADAR® Report
Historical Results

RADAR® Hotline
866.866.0605

HISTORICAL RESULTS - TESTING HISTORY¹

| | | | | | | |
|-----------------------------|-----|-----|-----|-----|------------|------------|
| Specimen ID | N/A | N/A | N/A | N/A | X22352142 | MH00473971 |
| Collection Date | N/A | N/A | N/A | N/A | 10/11/2023 | 11/1/2023 |
| Test Date | N/A | N/A | N/A | N/A | 10/13/2023 | 11/3/2023 |
| Analyte ² | | | | | | |
| cTHC (Marijuana metabolite) | | | | | 71 | 202 |

(1) Table Definitions: **Negative**- test was ordered, and was found negative (below the cut-off) **Not Ordered**- test was not ordered on the test date displayed; **N/A**- Creatinine was not ordered on the specimen validity test; **Specimen validity abnormal**- creatinine was abnormal on specimen validity test (2) Expressed as the creatinine-corrected concentrations (ng drug/mg creatinine).

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MILLENNIUMUDTSM
RADAR® Report
LC-MS/MS Tabulated Results

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866.866.0605

| TEST | TEST METHOD | TEST OUTCOME | MEASURED RESULTS (ng/mL) | CREATININE NORMALIZED RESULTS (ng/mg) | CUTOFF (ng/mL) |
|---|-------------|----------------------|--------------------------|---------------------------------------|----------------|
| NATURAL AND SEMI-SYNTHETIC OPIOIDS | | | | | |
| Oxycodone | LC-MS/MS | Negative | | - | 50 |
| Noroxycodone | LC-MS/MS | Negative | | - | 50 |
| Oxymorphone | LC-MS/MS | Negative | | - | 50 |
| SYNTHETIC OPIOIDS | | | | | |
| Fentanyl | LC-MS/MS | Negative | | - | 1 |
| Norfentanyl | LC-MS/MS | Negative | | - | 8 |
| Methadone | LC-MS/MS | Negative | | - | 100 |
| EDDP (Methadone metabolite) | LC-MS/MS | Negative | | - | 100 |
| Tramadol | LC-MS/MS | Negative | | - | 100 |
| O-desmethyl-tramadol | LC-MS/MS | Negative | | - | 100 |
| N-desmethyl-tramadol | LC-MS/MS | Negative | | - | 100 |
| Tapentadol | LC-MS/MS | Negative | | - | 50 |
| STIMULANTS | | | | | |
| Amphetamine | LC-MS/MS | Negative | | - | 100 |
| Methylphenidate | LC-MS/MS | Negative | | - | 50 |
| Ritalinic Acid | LC-MS/MS | Negative | | - | 50 |
| OTHER | | | | | |
| Phentermine | LC-MS/MS | Negative | | - | 50 |
| ILLICITS | | | | | |
| Methamphetamine | LC-MS/MS | Negative | | - | 100 |
| Cocaine metabolite | LC-MS/MS | Negative | | - | 50 |
| cTHC (Marijuana metabolite) | LC-MS/MS | POSITIVE | 97 | 202 | 15 |
| MDMA | LC-MS/MS | Negative | | - | 100 |
| 6-MAM (Heroin metabolite) | LC-MS/MS | Negative | | - | 10 |
| Phencyclidine | LC-MS/MS | Negative | | - | 10 |
| FENTANYL ANALOGUES | | | | | |
| 4-ANPP | LC-MS/MS | Fen Neg ¹ | | - | 2 |
| Acetyl fentanyl | LC-MS/MS | Fen Neg ¹ | | - | 2 |
| Acetyl norfentanyl | LC-MS/MS | Fen Neg ¹ | | - | 5 |
| Acryl fentanyl | LC-MS/MS | Fen Neg ¹ | | - | 1 |
| Carfentanil | LC-MS/MS | Fen Neg ¹ | | - | 2 |
| Para-fluorofentanyl | LC-MS/MS | Fen Neg ¹ | | - | 1 |
| ILLICITS - SYNTHETIC OPIOIDS | | | | | |
| 2-methyl AP-237 | LC-MS/MS | Negative | | - | 10 |
| Brorphine | LC-MS/MS | Negative | | - | 15 |
| Metonitazene | LC-MS/MS | Negative | | - | 5 |
| ILLICITS - BENZODIAZEPINES | | | | | |
| 8-aminoclonazepam | LC-MS/MS | Negative | | - | 10 |
| Etizolam | LC-MS/MS | Negative | | - | 10 |
| Alpha-hydroxyetizolam | LC-MS/MS | Negative | | - | 10 |
| Flualprazolam | LC-MS/MS | Negative | | - | 10 |
| Flubromazolam | LC-MS/MS | Negative | | - | 10 |
| RECREATIONAL SUBSTANCES | | | | | |
| Ethyl Glucuronide | LC-MS/MS | Negative | | - | 500 |
| Ethyl Sulfate | LC-MS/MS | Negative | | - | 500 |

(1) When a test for fentanyl and analogues is ordered, a LC-MS/MS test is initially performed for fentanyl and norfentanyl. If both are negative, the analogues will not be tested; in this case, fentanyl and norfentanyl were both negative and the test for analogues was not performed.

COMMENTS

Original Report (Final)

Specimen Outcome: **LC-MS/MS POSITIVE**
Validity Outcome: **NORMAL**
Specimen Type: **Urine**
Specimen ID: **MH00473971**
Accession ID: **AC5875338**

Patient Name: **MOYER, ROBERT**

Patient SSN: **DOB: 01/05/1967**

Requesting Provider: Kaelyn Hewson
NPI: 1891209599
Requesting Practice: New Life Recovery Solutions

SPECIMEN VALIDITY RESULTS

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| pH | Normal | 6.2 | 4.5 - 9.5 |
| SPECIFIC GRAVITY (NONE) | Normal | 1.005 | 1.003 - 1.035 |

THE FOLLOWING MEDICATIONS WERE REPORTED ON THE REQUISITION FORM²

NONE

(2) The medications reported here and on the test requisition form have not been verified by Millennium Health.

Specimen History

Collected: 11/01/23 07:00 PM Received: 11/03/23 08:40 AM PT
Tested: 11/03/23 Completed: 11/04/23

Report History

11/04/2023 Original (Final)



MILLENNIUM UDT RADAR NOTES

ALL TESTING IS PERFORMED BY MILLENNIUM HEALTH, LLC ("Millennium Health"). This test was developed and its performance characteristics determined by Millennium Health. It has not been cleared or approved by the US Food and Drug Administration (FDA). The laboratory is regulated under CLIA as qualified to perform high-complexity testing. This test is used for clinical purposes. It should not be regarded as investigational or for research. The test results should be used with other clinical and diagnostic findings for patient case management. Millennium Health is accredited by the College of American Pathologists (CAP) and maintains certification in accordance with the Clinical Laboratory Improvement Amendments of 1988 (CLIA). The information provided in this report is not intended to indicate a patient's adherence to a prescribed medication dosage. All tests results should be evaluated utilizing professional judgement in the clinical context of the patient. Specimen collection date is reported by the referring provider and is not verified by Millennium Health. Reference ranges have not been established for urine specimens. Creatinine normalized values are for clinical pharmacokinetic comparison only.



MILLENNIUMUDTSM
RADAR[®] Report
Immunoassay Tabulated Results

RADAR[®] Hotline
866.866.0605

This section reports only ordered and/or reported immunoassay (IA) results. Immunoassay results are considered presumptive (preliminary).

IA is typically limited to indicating only positive or negative results (qualitative results) and does not differentiate the specific drugs and/or metabolites present in the sample. IA results may be subject to false positives and false negatives.

In the event of a contrary IA vs. LC-MS/MS result, Millennium Health recommends relying on the LC-MS/MS results. Interpretation of these results must be combined with clinical observation and professional judgement. For help with interpretation, please call the RADAR hotline to consult with one of our toxicologists.

| TEST | TEST METHOD | TEST OUTCOME | CUTOFF (ng/mL) |
|---|-------------|--------------|----------------|
| NATURAL AND SEMI-SYNTHETIC OPIOIDS | | | |
| Buprenorphine | EIA | Negative | 10 |
| BENZODIAZEPINES | | | |
| BENZODIAZEPINES | EIA | Negative | 200 |
| OTHER | | | |
| BARBITURATES | EIA | Negative | 200 |
| RECREATIONAL SUBSTANCES | | | |
| Ethanol | Enzymatic | Negative | 20 mg/dL |

Original Report (Final)

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Validity Outcome: **NORMAL**
Specimen Type: **Urine**
Specimen ID: **MH00473971**
Accession ID: **AC5875338**

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*** END OF REPORT ***

Millennium Health, LLC 16981 Via Tazon, Bldg 1, San Diego, CA 92127 - FAX 858.451.3636

Lab Director UDT: Miriam J. Bloch, MD, CLIA ID# 05D1078705

Patient Name: MOYER, ROBERT

Specimen ID: MH00473971

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