

03/16/2018 15:37

#6844 P.003/005



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Laboratory Directors: Mark J. DeMeo, M.D.; Richard R. Wilber, M.D.  
 CLIA License # 05D0707688

**Identification:** STEPHEN RUSSELL PER M. HATCHER

**Client:** Private Medical  
 3580 California St Ste 101

**DOB:** Account #: 301797

**Sex:** Requisition #: 999999

**Collected by:** Accession #: 180309-14034

**Collected:** 03/07/2018 Specimen Type: URINE

**Received:** 03/09/2018 4:52 PM

**Reported:**

San Francisco, CA 94118-1716  
 Phone: (415)520-5191  
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| Final Result Summary   | Tests Ordered   |
|--|---|
| <ul style="list-style-type: none"> <li>Carboxyzolpidem detected by LC/MS/MS (2360 ng/mL)</li> <li>Zolpidem detected by LC/MS/MS (1 ng/mL)</li> </ul> | <ul style="list-style-type: none"> <li>5503 - Gamma Hydroxybutyric Acid (GHB) GC/MS Confirmation</li> <li>P40 - Comprehensive Panel</li> <li>P80 - Designer Stimulants</li> </ul> |

#### Drug Tests

| Drug                                     | Result       | Screen   |             | Confirmation |        |
|--|--------------|----------|-------------|--------------|--------|
|  |              | Method   | Cutoff      | Method       | Cutoff |
| <b>Alcohol (Ethanol)</b>                 |              |          |             |              |        |
| Alcohol (Ethanol)                        | Not detected | EA       | 0.04 g/dL   |              |        |
| <b>Amphetamines</b>                      |              |          |             |              |        |
| Amphetamines                             | Not detected | EIA      | 1000 ng/mL  |              |        |
| Methylenedioxyamphetamine (MDA)          | Not detected | LC/MS/MS | 250 ng/mL   |              |        |
| Methylenedioxyamphetamine (MDMA)         | Not detected | LC/MS/MS | 250 ng/mL   |              |        |
| Methylenedioxyethylamphetamine (MDEA)    | Not detected | LC/MS/MS | 250 ng/mL   |              |        |
| <b>Anticonvulsants</b>                   |              |          |             |              |        |
| Carbamazepine and/or Metabolite          | Not detected | LC/MS/MS | 100 ng/mL   |              |        |
| Oxcarbazepine Metabolite                 | Not detected | LC/MS/MS | 100 ng/mL   |              |        |
| <b>Antidepressants</b>                   |              |          |             |              |        |
| Bupropion Metabolite                     | Not detected | LC/MS/MS | 250 ng/mL   |              |        |
| Trazodone / Nefazodone and/or Metabolite | Not detected | LC/MS/MS | Qualitative |              |        |
| Venlafaxine Metabolite                   | Not detected | LC/MS/MS | 100 ng/mL   |              |        |
| <b>Barbiturates</b>                      |              |          |             |              |        |
| Barbiturates                             | Not detected | EIA      | 200 ng/mL   |              |        |
| <b>Benzodiazepines</b>                   |              |          |             |              |        |
| Alprazolam Metabolite                    | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Clonazepam Metabolite                    | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Flunitrazepam Metabolite                 | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Flurazepam Metabolite                    | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Lorazepam                                | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Midazolam Metabolite                     | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Nordiazepam                              | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Oxazepam                                 | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Temazepam                                | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| Triazolam Metabolite                     | Not detected | LC/MS/MS | 50 ng/mL    |              |        |
| <b>Buprenorphine</b>                     |              |          |             |              |        |
| Buprenorphine                            | Not detected | EIA      | 5 ng/mL     |              |        |
| <b>Carisoprodol / Meprobamate</b>        |              |          |             |              |        |
| Carisoprodol/Meprobamate                 | Not detected | LC/MS/MS | 200 ng/mL   |              |        |
| <b>Cocaine</b>                           |              |          |             |              |        |
| Cocaine (Benzoylecgonine)                | Not detected | EIA      | 300 ng/mL   |              |        |
| <b>Designer Stimulants</b>               |              |          |             |              |        |
| Methylenedioxypyrovalerone (MDPV)        | Not detected | GC/MS    | 25 ng/mL    |              |        |
| Benzylpiperazine (BZP)                   | Not detected | GC/MS    | 25 ng/mL    |              |        |
| Butylone                                 | Not detected | GC/MS    | 25 ng/mL    |              |        |
| Cathinone                                | Not detected | GC/MS    | 25 ng/mL    |              |        |
| Ethylone                                 | Not detected | GC/MS    | 25 ng/mL    |              |        |

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\* Printed 3/16/2018 2:59 PM

STEPHEN RUSSELL PER M. HATCHER  
 180309-14034 LNC66



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Laboratory Directors: Mark J. DeMeo, M.D.; Richard R. Wiber, M.D.  
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|  |                       |          |             |
|--|-----------------------|----------|-------------|
| Mephedrone   | Not detected          | GC/MS    | 25 ng/mL    |
| meta-Chlorophenylpiperazine (mCPP)                     | Not detected          | GC/MS    | 25 ng/mL    |
| Methcathinone  | Not detected          | GC/MS    | 25 ng/mL    |
| Methylbenzodioxolylbutanamine (MBDB)                   | Not detected          | GC/MS    | 50 ng/mL    |
| Methylenedioxyamphetamine (MDA)                        | Not detected          | GC/MS    | 50 ng/mL    |
| Methylenedioxyethylamphetamine (MDEA)                  | Not detected          | GC/MS    | 50 ng/mL    |
| Methylenedioxymethamphetamine (MDMA)                   | Not detected          | GC/MS    | 50 ng/mL    |
| Methylone  | Not detected          | GC/MS    | 25 ng/mL    |
| Trifluoromethylphenylpiperazine (TFMPP)                | Not detected          | GC/MS    | 25 ng/mL    |
| Pentylone  | Not detected          | GC/MS    | 25 ng/mL    |
| alpha-Pyrrolidinopentiophenone (PVP)                   | Not detected          | GC/MS    | 25 ng/mL    |
| Buphedrone   | Not detected          | GC/MS    | Qualitative |
| Pentadrone   | Not detected          | GC/MS    | Qualitative |
| Flephedrone  | Not detected          | GC/MS    | Qualitative |
| 4-Methylethcathinone (4-MEC)                           | Not detected          | GC/MS    | Qualitative |
| Eutylone   | Not detected          | GC/MS    | 25 ng/mL    |
| <b>Gamma Hydroxybutyric Acid (GHB)</b>                 |                       |          |             |
| Gamma Hydroxybutyric Acid (GHB)                        | Not detected          | GC/MS    | 10000 ng/mL |
| <b>Hallucinogens</b>                                   |                       |          |             |
| Ketamine Metabolite                                    | Not detected          | LC/MS/MS | 25 ng/mL    |
| <b>Methadone</b>                                       |                       |          |             |
| Methadone  | Not detected          | EIA      | 150 ng/mL   |
| <b>Methylphenidate</b>                                 |                       |          |             |
| Methylphenidate  | Not detected          | LC/MS/MS | 50 ng/mL    |
| <b>Miscellaneous Narcotics / Analgesics</b>            |                       |          |             |
| Butorphanol and/or Metabolite                          | Not detected          | LC/MS/MS | Qualitative |
| Fentanyl   | Not detected          | LC/MS/MS | 5 ng/mL     |
| Meperidine Metabolite                                  | Not detected          | LC/MS/MS | 25 ng/mL    |
| Nalbuphine   | Not detected          | LC/MS/MS | 100 ng/mL   |
| Pentazocine  | Not detected          | LC/MS/MS | 100 ng/mL   |
| Tramadol and/or Metabolite                             | Not detected          | LC/MS/MS | 100 ng/mL   |
| <b>Opiates</b>   |                       |          |             |
| Codeine  | Not detected          | LC/MS/MS | 100 ng/mL   |
| Hydrocodone  | Not detected          | LC/MS/MS | 100 ng/mL   |
| Hydromorphone  | Not detected          | LC/MS/MS | 100 ng/mL   |
| Morphine   | Not detected          | LC/MS/MS | 100 ng/mL   |
| <b>Oxycodone / Oxymorphone</b>                         |                       |          |             |
| Oxycodone / Oxymorphone                                | Not detected          | LC/MS/MS | 50 ng/mL    |
| <b>Phencyclidine (PCP)</b>                             |                       |          |             |
| Phencyclidine (PCP)                                    | Not detected          | EIA      | 25 ng/mL    |
| <b>Propoxyphene</b>                                    |                       |          |             |
| Propoxyphene   | Not detected          | EIA      | 300 ng/mL   |
| <b>Selective Serotonin Reuptake Inhibitors (SSRIs)</b> |                       |          |             |
| Citalopram/Escitalopram                                | Not detected          | LC/MS/MS | 150 ng/mL   |
| Fluoxetine and/or Metabolite                           | Not detected          | LC/MS/MS | 150 ng/mL   |
| Paroxetine   | Not detected          | LC/MS/MS | 150 ng/mL   |
| Sertraline   | Not detected          | LC/MS/MS | 150 ng/mL   |
| <b>THC (Marijuana)</b>                                 |                       |          |             |
| THC (Marijuana)  | Not detected          | EIA      | 50 ng/mL    |
| THC/Creatinine Ratio (EIA)                             | NA                    |          |             |
| <b>Tricyclic Antidepressants (TCAs)</b>                |                       |          |             |
| Amitriptyline/Nortriptyline                            | Not detected          | LC/MS/MS | 100 ng/mL   |
| Desipramine/Imipramine                                 | Not detected          | LC/MS/MS | 100 ng/mL   |
| Doxepin  | Not detected          | LC/MS/MS | 100 ng/mL   |
| Maprotiline  | Not detected          | LC/MS/MS | 100 ng/mL   |
| <b>Zolpidem</b>  |                       |          |             |
| Zolpidem Metabolite                                    | DETECTED              | LC/MS/MS | 10 ng/mL    |
| Carboxyzolpidem  | DETECTED (2360 ng/mL) | LC/MS/MS | 10 ng/mL    |



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|          |                    |          |         |
|----------|--------------------|----------|---------|
| Zolpidem | DETECTED (1 ng/mL) | LC/MS/MS | 1 ng/mL |
|----------|--------------------|----------|---------|

**Specimen Validity Tests**

| Test       | Result      | Method       | Reference Range |
|------------|-------------|--------------|-----------------|
| Creatinine | 101.7 mg/dL | Colorimetric | ≥20 mg/dL       |

**Comments:**

Analytical testing has been performed in accordance to all Redwood Toxicology Laboratory standard operating procedures and final results have been reviewed by laboratory certifying scientists.

Chief Toxicologist: Wayne Ross, M.C.L.S. / MT(AAB)  
Director of Sports Testing: Victor Uralets, Ph.D.

**Method Index**

- EA - Enzyme Assay
- EIA - Enzyme-Immunoassay
- ELISA - Enzyme-Linked Immunosorbent Assay
- RIA - Radio-Immunoassay
- TLC - Thin Layer Chromatography
- GC-FID - Gas Chromatography - Flame Ionization Detector
- GC/MS - Gas Chromatography / Mass Spectrometry
- LC/MS/MS - Liquid Chromatography Tandem Mass Spectrometry

**Specimens are disposed of as follows:** Negatives - after two days; Positives - after three months.

Electronically signed by Ronald Strauss, MD on 03/16/2018 3:37 pm in ElationHealth