

|                       |  |                      |            |
|-----------------------|--|----------------------|------------|
| <b>Patient Name:</b>  | <b>SULLIVAN, JEFFERY</b>   | <b>Accession:</b>    | 1709210078 |
| <b>Patient ID:</b>    | 826EMR   | <b>Collect Date:</b> | 09/06/2017 |
| <b>DOB, Age, Sex:</b> | 8/25/1961 56 Male  | <b>Receive Date:</b> | 09/21/2017 |
| <b>Client:</b>        | (1028) Lags Spine and Sportscare   | <b>Tested Date:</b>  | 09/26/2017 |
| <b>Requested By:</b>  | Heliodoro Magana MD (1093192650)   | <b>Release Date:</b> | 09/26/2017 |
| <b>Medications:</b>   | Diclofenac Sodium, Gabapentin, Hydrocodone, Acetaminophen, Levothyroxine, Lisinopril, Tramadol |                      |            |

## REPORT SUMMARY

### UNEXPECTED: Inconsistent Results Based on Patient's Declared Medications

|                 |            |            |
|-----------------|------------|------------|
| Specimen ID     | 1709210078 | 1709120056 |
| Collection Date | 9/6/2017   | 6/10/2017  |
| Gabapentin      | Negative   | Negative   |
| Tramadol HCL    |            | >400       |

### EXPECTED: Consistent Results of Declared Medications & Metabolites

|                 |            |            |
|-----------------|------------|------------|
| Specimen ID     | 1709210078 | 1709120056 |
| Collection Date | 9/6/2017   | 6/10/2017  |
| Hydrocodone     | 254.8      |            |
| Norhydrocodone  | 418.3      |            |
| Tramadol HCL    | >400       |            |

### SPECIMEN VALIDITY RESULTS

|                                |       |          |             |
|--------------------------------|-------|----------|-------------|
| Urine - Creatinine (mg/dL)     | 92    | Normal   | 80-200      |
| Urine - Oxidants (ug/mL)       | 25    | Normal   | 0-200       |
| Urine - PH Level               | 7.9   | Abnormal | 4.7-7.8     |
| Urine - Specific Gravity Level | 1.016 | Normal   | 1.003-1.035 |

## REPORT DETAILS

| Test Name               | Result (ng/ml) | Positive/Negative | Cutoff | Outcome    |
|-------------------------|----------------|-------------------|--------|------------|
| <b>Amphetamine</b>      |                |                   |        |            |
| Amphetamine             |                | Negative          | <20    | Consistent |
| Methylphenidate         |                | Negative          | <50    | Consistent |
| Norpseudoephedrine      |                | Negative          | <10    | Consistent |
| Ritalinic Acid          |                | Negative          | <50    | Consistent |
| <b>Benzodiazepines</b>  |                |                   |        |            |
| 7-Aminoclonazepam       |                | Negative          | <4     | Consistent |
| alpha-hydroxyalprazolam |                | Negative          | <5     | Consistent |
| Alprazolam              |                | Negative          | <4     | Consistent |
| Clonazepam              |                | Negative          | <10    | Consistent |

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**REPORT DETAILS**

| Test Name  | Result (ng/ml) | Positive/Negative | Cutoff        | Outcome             |
|--|----------------|-------------------|---------------|---------------------|
| Diazepam   |                | Negative          | <5            | Consistent          |
| Flurazepam   |                | Negative          | <0.5          | Consistent          |
| Lorazepam  |                | Negative          | <10           | Consistent          |
| Meprobamate  |                | Negative          | <50           | Consistent          |
| Nordiazepam  |                | Negative          | <5            | Consistent          |
| Oxazepam   |                | Negative          | <5            | Consistent          |
| Temazepam  |                | Negative          | <20           | Consistent          |
| <b>Neuromodulatory</b>   |                |                   |               |                     |
| Carisoprodol   |                | Negative          | <20           | Consistent          |
| <b>Gabapentin</b>  |                | <b>Negative</b>   | <b>&lt;50</b> | <b>INCONSISTENT</b> |
| Inconsistent with declared drug Gabapentin                       |                |                   |               |                     |
| <b>Opiates and Semisynthetic Opioids</b>                         |                |                   |               |                     |
| Codeine  |                | Negative          | <50           | Consistent          |
| <b>Hydrocodone</b>   | 254.8          | <b>Positive</b>   | <b>&lt;50</b> | <b>Consistent</b>   |
| Hydromorphone  |                | Negative          | <50           | Consistent          |
| Morphine   |                | Negative          | <50           | Consistent          |
| <b>Norhydrocodone</b>  | 418.3          | <b>Positive</b>   | <b>&lt;10</b> | <b>Consistent</b>   |
| Consistent because Norhydrocodone is a metabolite of Hydrocodone |                |                   |               |                     |
| Noroxycodone   |                | Negative          | <10           | Consistent          |
| Oxycodone  |                | Negative          | <10           | Consistent          |
| Oxymorphone  |                | Negative          | <25           | Consistent          |
| <b>Synthetic Opioids</b>   |                |                   |               |                     |
| Buprenorphine Glucuronide  |                | Negative          | <10           | Consistent          |
| Buprenorphine  |                | Negative          | <10           | Consistent          |
| EDDP Percholate: Methadone Metabolite                            |                | Negative          | <25           | Consistent          |
| Fentanyl   |                | Negative          | <2            | Consistent          |
| Meperidine   |                | Negative          | <10           | Consistent          |
| Methadone  |                | Negative          | <25           | Consistent          |
| Naloxone   |                | Negative          | <10           | Consistent          |
| Naltrexone   |                | Negative          | <20           | Consistent          |
| Norbuprenorphine   |                | Negative          | <30           | Consistent          |
| Normeperidine  |                | Negative          | <10           | Consistent          |
| Norbuprenorphine Glucuronide                                     |                | Negative          | <4            | Consistent          |
| Norfentanyl oxalate  |                | Negative          | <5            | Consistent          |
| Propoxyphene   |                | Negative          | <62.5         | Consistent          |
| Tapentadol   |                | Negative          | <20           | Consistent          |
| <b>Tramadol HCL</b>  | >400           | <b>Positive</b>   | <b>&lt;20</b> | <b>Consistent</b>   |

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**REPORT DETAILS**

| Test Name                               | Result (ng/ml) | Positive/Negative | Cutoff         | Outcome    |
|---|----------------|-------------------|----------------|------------|
| <b>Substances of Abuse</b>              |                |                   |                |            |
| 6-MAM: Heroin Metabolite                |                | Negative          | <10            | Consistent |
| Benzoyllecgonine: Metabolite of Cocaine |                | Negative          | <50            | Consistent |
| ETHYL GLUCURONIDE (EIA)                 |                | Negative          | <500           | Consistent |
| JWH-018 pentanoic                       |                | Negative          | <5             | Consistent |
| JWH-073 Butanoic                        |                | Negative          | <5             | Consistent |
| JWH-073 hydroxybutyl                    |                | Negative          | <5             | Consistent |
| Methylenedioxyamphetamine (MDA)         |                | Negative          | <100           | Consistent |
| Methylenedioxyethylamphetamine (MDEA)   |                | Negative          | <100           | Consistent |
| Methylenedioxymethamphetamine (MDMA)    |                | Negative          | <100           | Consistent |
| Mephedrone                              |                | Negative          | <10            | Consistent |
| Methamphetamine                         |                | Negative          | <100           | Consistent |
| PCP (Phencyclidine) (EIA)               |                | Negative          | <25            | Consistent |
| THC-COOH Glucuronide                    |                | Negative          | <20            | Consistent |
| 11 Carboxy THC                          |                | Negative          | <10            | Consistent |
| <b>Validity Tests EIA</b>               |                |                   |                |            |
| Urine - Creatinine (mg/dL)              | 92             | Normal            | 80-200         |            |
| Urine - Oxidants (ug/mL)                | 25             | Normal            | 0-200          |            |
| <b>Urine - PH Level</b>                 | <b>7.9</b>     | <b>Abnormal</b>   | <b>4.7-7.8</b> |            |
| Urine - Specific Gravity Level          | 1.016          | Normal            | 1.003-1.035    |            |

\*\*\* Comments: Specimens received more than 3 days post collection may be compromised and not reflect actual concentration. This may limit detection of low levels. This test is not approved by the FDA for the treatment, diagnosis, or prevention, of any medical condition. It is performed for information and is intended for educational and research purposes only. Only a physician familiar with a Patient()'s individual medical history can make medical judgments and give that patient specific medical advice. results are not intended to be a substitute for consultation with a licensed health care provider.

Those analytes' test results, reported as detected by LC/MS, have not been approved by the FDA. The performance characteristics of the assays have been determined by National Labs in accordance with Clinical Laboratory Improvement Act of 1988 (CLIA '88) guidelines.

False positive and false negative test results do occur. A licensed health care provider must provide any interpretation or recommendation for treatment based upon test results. The results are not for use as evidence in civil or criminal cases. Specimens are not obtained under the guidelines required for secure collection and, therefore, cannot be used for employment purposes. The results are based upon the method used for testing and the sensitivity of that method. A negative result indicates that the drugs tested for were not detected at the sensitivity level used. Positive results may be possible with the same or subsequent specimens if testing is performed using a greater degree of sensitivity. Other factors that may affect the results include the type of drug; the amount, duration and time of last drug use; the body type and weight of the individual being testing; and, in the case of urine drug screens, the concentration, acidity, or alkalinity of the urine.