

<b>Patient Name:</b>	<b>KEAL, HEAL</b>	<b>Accession:</b>	1709210030
<b>Patient ID:</b>	1036EMR	<b>Collect Date:</b>	08/31/2017
<b>DOB, Age, Sex:</b>	4/10/1939 78 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>	Gabapentin, Hydrocodone, Acetaminophen, Metformin, Cephalexin, Docusate Sodium		

## REPORT SUMMARY

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

Specimen ID	1709210030
Collection Date	8/31/2017
Codeine	>4000
Gabapentin	Negative
Morphine	150.6

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

Specimen ID	1709210030
Collection Date	8/31/2017
Hydrocodone	534.2
Norhydrocodone	1493.3

### SPECIMEN VALIDITY RESULTS

Urine - Creatinine (mg/dL)	156	Normal	80-200
Urine - Oxidants (ug/mL)	0	Normal	0-200
Urine - PH Level	5.4	Normal	4.7-7.8
Urine - Specific Gravity Level	1.021	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>				
<b>Codeine</b>	>4000	<b>Positive</b>	<b>&lt;50</b>	<b>INCONSISTENT</b>
<b>Hydrocodone</b>	534.2	<b>Positive</b>	<b>&lt;50</b>	<b>Consistent</b>
Hydromorphone		Negative	<50	Consistent
<b>Morphine</b>	150.6	<b>Positive</b>	<b>&lt;50</b>	<b>INCONSISTENT</b>
Morphine positive can be from Morphine or as a metabolite of Codeine or Heroin.				
<b>Norhydrocodone</b>	1493.3	<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

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Test Name	Result (ng/ml)	Positive/Negative	Cutoff	Outcome
Tapentadol		Negative	<20	Consistent
Tramadol HCL		Negative	<20	Consistent
<b>Substances of Abuse</b>				
6-MAM: Heroin Metabolite		Negative	<10	Consistent
Benzoylcegonine: 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)	156	Normal	80-200	
Urine - Oxidants (ug/mL)	0	Normal	0-200	
Urine - PH Level	5.4	Normal	4.7-7.8	
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\*\*\* 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.