

Patient: <b>KT KT</b>	Ereq ID: <b>E1901315368</b>	Client: <b>Smith Brothers Lab Demo</b>
DOB: <b>07/07/2019</b>	Accession ID: <b>231530</b>	Clinic: <b>Lab XYZ Demo</b>
Gender:	Collected: <b>07/07/2019 1:04AM</b>	Ordering Provider: <b>Dr. Smith</b>
Specimen Type: <b>Urine Sample</b>	Received: <b>07/08/2019 10:00AM</b>	Originally Reported: <b>07/09/2019 4:10PM</b>

Reported Medications with Testing Available: **No Medication Listed**

Medications Reported but not Tested: **No Medication Listed**

## PATIENT SUMMARY

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

DETECTED ANALYTE(S)	TEST OUTCOME	TEST RESULT (ng/mL)	DETECTION WINDOW
<b>NONE REPORTED</b>			

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

DETECTED ANALYTE(S)	TEST OUTCOME	TEST RESULT (ng/mL)	DETECTION WINDOW
Dihydrocodeine	<b>NEGATIVE</b>	Not Detected	2 to 5 days
Hydrocodone	<b>NEGATIVE</b>	Not Detected	2 to 5 days
Hydromorphone	<b>NEGATIVE</b>	Not Detected	2 to 5 days
Norhydrocodone	<b>NEGATIVE</b>	Not Detected	2 to 5 days
Noroxycodone	<b>NEGATIVE</b>	Not Detected	1 to 3 days
Oxycodone	<b>NEGATIVE</b>	Not Detected	1 to 4 days
Oxymorphone	<b>NEGATIVE</b>	Not Detected	1 to 3 days

### INCONSISTENT RESULTS - ANALYTE DETECTED BUT NO CORRESPONDING MEDICATION REPORTED

DETECTED ANALYTE(S)	TEST OUTCOME	TEST RESULT (ng/mL)	DETECTION WINDOW
Ethyl Sulfate	<b>POSITIVE</b>	541	
Methamphetamine	<b>POSITIVE</b>	584	1 to 2 days

### EIA SCREEN RESULTS

TEST	RESULT	CUTOFF (ng/mL)
6-MAM	Negative	10.0
AB-PINACA	Negative	20.0
Amphetamine	POSITIVE	500.0
Barbiturates	Negative	200.0
Benzodiazepines	Negative	200.0
Buprenorphine	Negative	8.0
Cocaine	Negative	150.0
Cotinine	Negative	500.0
MDMA	Negative	500.0
Ethyl Alcohol	POSITIVE	100.0
Ethyl Glucuronide	Negative	500.0
Fentanyl	Negative	2.0
Hydrocodone	Negative	300.0
Methadone	Negative	300.0
Opiates	Negative	300.0
Oxycodone	Negative	100.0
THC	Negative	50.0
Tramadol	Negative	200.0

### SPECIMEN VALIDITY RESULTS

TEST (measurement units)	TEST OUTCOME	MEASURED RESULT	REFERENCE RANGE	TESTED DATE
Creatinine	<b>Normal</b>	125.0	20.0 - 200.0	02/25/2020
General Oxidants	<b>Normal</b>	Not Detected	200.0	02/25/2020
pH	<b>Normal</b>	5.1	3.0 - 11.0	02/25/2020
Specific Gravity	<b>Normal</b>	1.006	1.003 - 1.031	02/25/2020

### D/L METHAMPHETAMINE ISOMER RESULTS

DETECTED ANALYTE(S)	TEST OUTCOME	PERCENTAGE (%)	COMMENTS
% d-Methamphetamine	<b>POSITIVE</b>	100	An isomer result of greater than or equal to 20% d-methamphetamine would indicate use of Desoxyn, Didrex or illicit methamphetamine.
% l-Methamphetamine	<b>NEGATIVE</b>	0	An isomer result of less than 20% d-methamphetamine indicates use of OTC products containing l-methamphetamine (including but not limited to Vicks) or selegiline.

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HISTORICAL POSITIVE						
DRUG CREATININE ADJUSTED VALUES (ng/mL)	02/25/2020 330684	02/25/2020 330679	02/25/2020 330675	02/17/2020 327779	02/17/2020 327778	02/17/2020 327777
% d-Methamphetamine	Positive					
Ethyl Sulfate	433					
Methamphetamine	467		566			
Baclofen				468	365	436
Gabapentin Dilution				43723	60372	

\* Indicates measured result from oral fluid.

\* N/A indicates creatinine adjusted value not able to be calculated due to measured result outside analytical measuring range.

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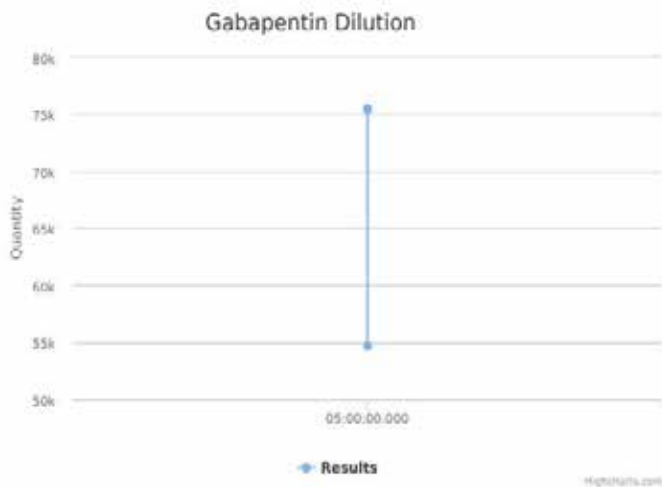
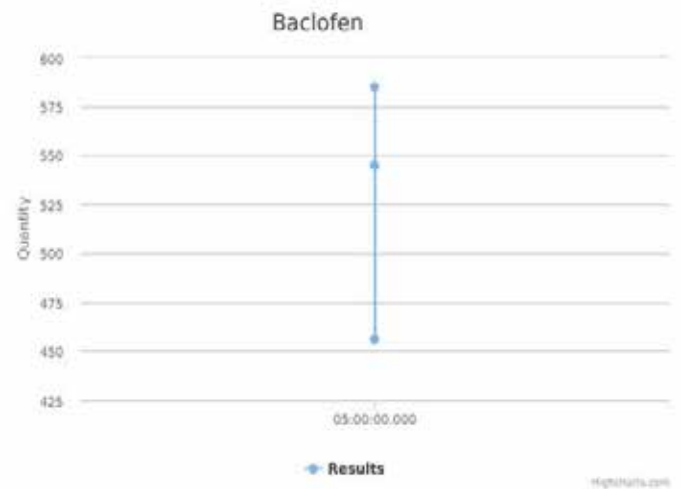
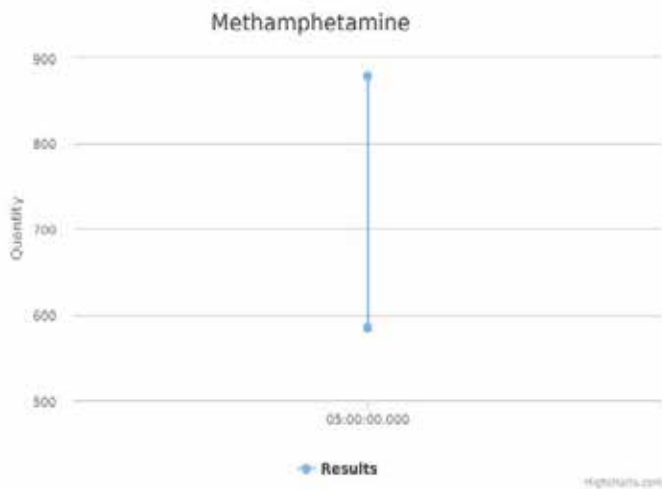
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TEST	TEST METHOD	TEST OUTCOME	MEASURED RESULT (ng/mL)	CREATININE NORMALIZED RESULTS (ng/mg)	CUTOFF (ng/mL)	SITE
<b>Alcohol Metabolites</b>						
Ethyl Glucuronide	LC-MS/MS	NEGATIVE	-	-	200	
Ethyl Sulfate	LC-MS/MS	POSITIVE	541	433	200	
<b>Natural Opiates</b>						
Codeine	LC-MS/MS	NEGATIVE	-	-	20	
Dihydrocodeine	LC-MS/MS	NEGATIVE	-	-	20	
Hydrocodone	LC-MS/MS	NEGATIVE	-	-	20	
Hydromorphone	LC-MS/MS	NEGATIVE	-	-	20	
Morphine	LC-MS/MS	NEGATIVE	-	-	20	
Norhydrocodone	LC-MS/MS	NEGATIVE	-	-	20	
Noroxycodone	LC-MS/MS	NEGATIVE	-	-	20	
Oxycodone	LC-MS/MS	NEGATIVE	-	-	20	
Oxymorphone	LC-MS/MS	NEGATIVE	-	-	20	
<b>Stimulants</b>						
Amphetamine	LC-MS/MS	NEGATIVE	-	-	40	
Methamphetamine	LC-MS/MS	POSITIVE	584	467	40	
<b>Synthetic Opiates</b>						
Meperidine	LC-MS/MS	NEGATIVE	-	-	20	

**Specimen Outcome: INCONSISTENT**  
**Validity Outcome: NORMAL**

**SPECIMEN VALIDITY RESULTS**

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**Additional Comments:**

This patient has tested positive for either d- or l- methamphetamine. The sample has been submitted for d/l isomer confirmation testing which will further elucidate the source of the drug, whether prescription or illicit.

Testing performed by Bluewater Diagnostics Laboratories, 221 S Bardstown Rd, Mt. Washington, KY 40047. CLIA #18D2063609 unless otherwise notated in this report. Lab Director: Lori Millner, PhD. The performance specifications for toxicology confirmation testing and Ethyl Glucuronide, AB-PINACA, and Fentanyl screening tests were established by the testing laboratory and have not been cleared by the FDA. These test results are for clinical purposes only. Creatinine normalized values are for clinical pharmacokinetic monitoring only.



CLIA ID: 18D2063609

221 South Bardstown Rd  
Mt. Washington, KY 40047  
Phone: 502-538-2980

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## Additional Questions

**M2001456503**

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Reason for Test?

External Accession #