



## LABORATORY REPORT

**Capstone Diagnostics, LLC**

8601 Dunwoody Place Suite 444, Atlanta, GA 30350

**CLIA #:** 11D2073885

**Lab Director:** John Hanson, Ph.D., HCLD(ABB)

**Phone:** (844)497-8851

**Fax:** (470)355-4562

REQUESTOR	PATIENT	REFERENCE
CAPSTONE DIAGNOSTICS, LLC 6255 BARFIELD RD 155 SANDY SPRINGS, GA 30328	BOND, JAMES D. <b>Chart #:</b> <b>Gender:</b> M <b>DOB:</b> 11/09/1985 <b>Specimen Type:</b> URINE	<b>Requisition ID:</b> <b>Accessioning ID:</b> 1807050134 <b>Collected Date:</b> 07/05/18 <b>Received Date:</b> 07/05/18 14:14 <b>Reported Date:</b> 07/05/18 14:25

**Prescribed Medications:** Adderall (Amphetamine), Alprazolam, Hydrocodone

### Prescribed Results Summary

TEST NAME	OUTCOME	DETERMINATION	DETECTION WINDOW
Amphetamine	POSITIVE	CONSISTENT	1-3 days
Alprazolam	POSITIVE	CONSISTENT	2-4 days
Alpha-HydroxyAlprazolam	POSITIVE	CONSISTENT	3-5 days
Hydrocodone	POSITIVE	CONSISTENT	2-3 days
Dihydrocodeine	POSITIVE	CONSISTENT	No data available.
Hydromorphone	POSITIVE	CONSISTENT	2-3 days
Norhydrocodone	POSITIVE	CONSISTENT	No data available.

### Unprescribed Drug(s) Found

DETECTED ANALYTE	COMMENTS
None	

### Result History

	10/02/2017 1710020115
<b>Unprescribed Drug Found</b>	Amphetamine, Alprazolam, Alpha-HydroxyAlprazolam, Hydrocodone, Norhydrocodone, Dihydrocodeine, Hydromorphone, Ethyl Glucuronide, Ethyl Sulfate
<b>Prescribed Not Found</b>	None
<b>Prescribed/Consistent</b>	None

### Specimen Validity Testing

TEST	RESULTS	FLAG	EXPECTED RESULTS	TEST	RESULTS	FLAG	EXPECTED RESULTS
Creatinine	123	NORMAL	20 - 300 mg/dL	Specific Gravity	1.023	NORMAL	1.003 - 1.035

### Immunoassay Screen Report

DRUG	RESULTS	CUTOFF	DRUG	RESULTS	CUTOFF
<b>Amphetamines</b>	<b>POSITIVE</b>	<b>1000 ng/mL</b>	Barbiturates	Negative	200 ng/mL
<b>Benzodiazepines</b>	<b>POSITIVE</b>	<b>200 ng/mL</b>	THC	Negative	50 ng/mL
Cocaine Metabolite	Negative	300 ng/mL	Methadone	Negative	300 ng/mL
<b>Opiates</b>	<b>POSITIVE</b>	<b>300 ng/mL</b>			

**Comments:**

- 007

### COMPREHENSIVE CONFIRMATION

Test Screen	Test Outcome	Measured Results *	Creatinine Normalized**	Cutoff *	Determination	Remarks
<b>AMPHETAMINES</b>						
Methamphetamine	Not Detected			100		
<b>Amphetamine</b>	<b>POSITIVE</b>	<b>1544</b>	<b>1255.3</b>	<b>200</b>	<b>CONSISTENT</b>	
<b>BENZODIAZEPINES</b>						
<b>Alprazolam</b>	<b>POSITIVE</b>	<b>156</b>	<b>126.8</b>	<b>50</b>	<b>CONSISTENT</b>	
7-AminoClonazepam	Not Detected			100		
Lorazepam	Not Detected			100		
Temazepam	Not Detected			50		
Nordiazepam	Not Detected			50		
Diazepam	Not Detected			50		

Detection windows may be extended depending upon individual metabolism, the nature of the drug, and the dosage.

The results given are for clinical diagnostic purpose only. The lab performs all confirmations by LC-MS/MS and screens by either EIA or ELISA.

REQUESTOR		PATIENT			REFERENCE	
CAPSTONE DIAGNOSTICS, LLC		BOND, JAMES D.			<b>Requisition ID:</b>	
6255 BARFIELD RD 155		Chart #: BOND			<b>Accessioning ID:</b> 1807050134	
SANDY SPRINGS, GA 30328		Gender: M			<b>Collected Date:</b> 07/05/18	
		DOB: 11/09/1985			<b>Received Date:</b> 07/05/18 14:14	
		Specimen Type: URINE			<b>Reported Date:</b> 07/05/18 14:25	
Oxazepam	Not Detected			100		
Clonazepam	Not Detected			50		
<b>Alpha-HydroxyAlprazolam</b>	<b>POSITIVE</b>	<b>145</b>	<b>117.9</b>	<b>50</b>	<b>CONSISTENT</b>	ALPRAZOLAM: Alpha-HydroxyAlprazolam is a metabolite of Alprazolam (Xanax). The detection of Alpha-HydroxyAlprazolam is consistent with prescribed Alprazolam.
Flunitrazepam	Not Detected			100		
<b>OPIATES/OPIOIDS</b>						
Morphine	Not Detected			50		
Codeine	Not Detected			50		
<b>Hydrocodone</b>	<b>POSITIVE</b>	<b>134</b>	<b>108.9</b>	<b>50</b>	<b>CONSISTENT</b>	
<b>Norhydrocodone</b>	<b>POSITIVE</b>	<b>231</b>	<b>187.8</b>	<b>50</b>	<b>CONSISTENT</b>	
<b>Dihydrocodeine</b>	<b>POSITIVE</b>	<b>144</b>	<b>117.1</b>	<b>50</b>	<b>CONSISTENT</b>	
<b>Hydromorphone</b>	<b>POSITIVE</b>	<b>214</b>	<b>174.0</b>	<b>50</b>	<b>CONSISTENT</b>	MORPHINE: Certain patients can metabolize Morphine into Hydromorphone, in which case we would expect to see low levels of Hydromorphone relative to Morphine.
6-MAM (Heroin Metabolite)	Not Detected			20		
<b>OXYCODONE</b>						
Oxycodone	Not Detected			50		
Oxymorphone	Not Detected			50		
Noroxycodone	Not Detected			50		
<b>ANTICONVULSANT</b>						
Gabapentin	Not Detected			1000		
<b>FENTANYL</b>						
Fentanyl	Not Detected			3		
Norfentanyl	Not Detected			10		
<b>PREGABALIN</b>						
Pregabalin	Not Detected			100		
<b>TRAMADOL</b>						
Tramadol	Not Detected			50		
o-DesMethylTramadol	Not Detected			50		
<b>MEPERIDINE</b>						
Meperidine	Not Detected			50		
Normeperidine	Not Detected			50		
<b>METHYLPHENIDATE</b>						
Methylphenidate	Not Detected			25		
<b>TRICYCLICS/ANTIDEPRESSANT</b>						
Amitriptyline	Not Detected			50		
Nortriptyline	Not Detected			50		
Imipramine	Not Detected			50		
Desipramine	Not Detected			50		
Fluoxetine	Not Detected			100		
Doxepin	Not Detected			50		
<b>RITALINIC ACID</b>						
Ritalinic Acid	Not Detected			50		
<b>NALOXONE</b>						
Naloxone	Not Detected			50		
<b>BUPRENORPHINE</b>						
Buprenorphine	Not Detected			10		
Norbuprenorphine	Not Detected			20		
<b>METHADONE</b>						
Methadone	Not Detected			100		
EDDP	Not Detected			50		
<b>BARBITURATES</b>						
Butalbital	Not Detected			100		
Phenobarbital-1	Not Detected			100		
Secobarbital	Not Detected			100		
<b>TAPENTADOL</b>						
Tapentadol	Not Detected			50		
DesmethylTapentadol	Not Detected			50		
<b>MUSCLE RELAXERS</b>						
Cyclobenzaprine	Not Detected			50		
<b>CANNABINOIDS</b>						
THC	Not Detected			25		
<b>PROPOXYPHENE</b>						
Propoxyphene	Not Detected			100		
Norpropoxyphene	Not Detected			50		
<b>OTHER ILLICITS</b>						
PCP	Not Detected			25		
MDMA	Not Detected			100		
MDA	Not Detected			100		
Benzoyllecgonine (Cocaine)	Not Detected			100		
<b>Other Tests</b>						
Naltrexone	Not Detected			50		

Detection windows may be extended depending upon individual metabolism, the nature of the drug, and the dosage.

The results given are for clinical diagnostic purpose only. The lab performs all confirmations by LC-MS/MS and screens by either EIA or ELISA.

REQUESTOR	PATIENT	REFERENCE
CAPSTONE DIAGNOSTICS, LLC 6255 BARFIELD RD 155 SANDY SPRINGS, GA 30328	BOND, JAMES D. <b>Chart #:</b> BOND <b>Gender:</b> M <b>DOB:</b> 11/09/1985 <b>Specimen Type:</b> URINE	<b>Requisition ID:</b> <b>Accessioning ID:</b> 1807050134 <b>Collected Date:</b> 07/05/18 <b>Received Date:</b> 07/05/18 14:14 <b>Reported Date:</b> 07/05/18 14:25

\* Measured in ng/mL (nanogram of analyte per milliliter)