



# Laboratory Report

Laboratory Director: Althea McPhail, M.D.  
CLIA Number: XXXXXXXXX  
1180 BEAVER RUIN ROAD, SUITE B  
NORCROSS, GA 30093  
(470) 448-3620

## Clinic Information

**Client:** CLIO Laboratories  
1180 Beaver Ruin Road, Suite B  
Norcross, GA 74012

**Requesting Physician / Practitioner:**  
Doctor Test, PhD

## Patient Information

**Patient Name:** Notreal, Damian  
**Patient ID:** 7012579  
**Date of Birth:** 5/23/1982  
**Male/Female:** Male

## Sample Information

**Lab Sample ID:** 1602010004  
**Specimen Type:** Urine  
**Collected:** 02/01/2016 06:32 PM  
**Received:** 02/01/2016 10:54 PM  
**Reported:** 02/04/2016 11:16 AM

## Medications Prescribed

Tested For	Result	LCMS Quantitation	Normalization	Outcome	Cutoff
<b>Amphetamines/Stimulants/ADHD</b>					
Methamphetamine	Negative				100 ng/mL
Amphetamine	Negative				500 ng/mL
Methylphenidate	Negative				50 ng/mL
Ritalinic acid	Negative				50 ng/mL
<b>Barbiturates</b>					
Butalbital	Negative				100 ng/mL
Phenobarbital	Negative				100 ng/mL
<b>Alcohol</b>					
Ethyl Glucuronide	Negative				500 ng/mL
Ethyl Sulfate	Negative				200 ng/mL
<b>Synthetic Cannabinoids/Designer Cathinones</b>					
JWH-018 5-Pentanoic acid	Negative				10 ng/mL
JWH-073 4-butanic acid	Negative				10 ng/mL
4-FMC	Negative				25 ng/mL
Ethylone	<b>POSITIVE</b>	<b>&gt;375</b>	<b>923.08</b>	<b>INCONSISTENT</b>	25 ng/mL
Detection Window 2-4 days. Ethylone has been confirmed and indicates the recent use of synthetic cathinones. Synthetic cathinones are a group of illicit drugs commonly referred to as "Bath Salts".					
MDPBP	Negative				25 ng/mL
Mephedrone	Negative				25 ng/mL
Methylone	Negative				25 ng/mL
MDPV	Negative				25 ng/mL
25B-NBOMe	Negative				25 ng/mL
25C-NBOMe	Negative				25 ng/mL
25I-NBOMe	Negative				25 ng/mL
AM-2201 4-Hydroxypentyl	Negative				10 ng/mL
a-Pyrrolidinovalerophenone	Negative				25 ng/mL
PB-22	Negative				10 ng/mL
RCS-4 5-Carboxypentyl	Negative				10 ng/mL
UR-144 Hydroxypentyl	Negative				10 ng/mL
UR-144 N-Pentanoic	Negative				10 ng/mL



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<b>Synthetic Cannabinoids/Designer Cathinones</b>					
XLR-11	Negative				10 ng/mL
JWH-122 Hydroxypentyl	Negative				10 ng/mL
JWH-073 (3-4)-Hydroxybutyl	Negative				10 ng/mL
JWH-018 (4-5)-Hydroxypentyl	Negative				10 ng/mL
<b>Benzodiazepines</b>					
Alprazolam	Negative				20 ng/mL
Diazepam	Negative				50 ng/mL
Nordiazepam	Negative				40 ng/mL
Clonazepam	Negative				40 ng/mL
7-Aminoclonazepam	Negative				100 ng/mL
Flurazepam	Negative				50 ng/mL
Flunitrazepam	Negative				50 ng/mL
Lorazepam	Negative				50 ng/mL
Oxazepam	<b>POSITIVE</b>	<b>&gt;600</b>	<b>1178.46</b>	<b>INCONSISTENT</b>	40 ng/mL
Detection Window 2-7 days. Oxazepam (Serax) is a prescribed benzodiazepine as well as an active metabolite of several other benzodiazepines including diazepam, nordiazepam, temazepam, chlordiazepoxide and clorazepate.					
Temazepam	<b>POSITIVE</b>	<b>&gt;750</b>	<b>14783.08</b>	<b>INCONSISTENT</b>	50 ng/mL
Detection Window 1-4 days. Temazepam, marketed as Restoril, is used to treat insomnia. It is also a metabolite of diazepam. Temazepam metabolizes into oxazepam.					
Midazolam	Negative				50 ng/mL
A-Hydroxymidazolam	Negative				50 ng/mL
Triazolam	Negative				50 ng/mL
A-Hydroxytriazolam	Negative				50 ng/mL
2-Hydroxyethylflurazepam	Negative				50 ng/mL
Desalkylflurazepam	Negative				50 ng/mL
A-hydroxyalprazolam	<b>POSITIVE</b>	<b>100</b>	<b>153.85</b>	<b>INCONSISTENT</b>	20 ng/mL
Detection Window 2-4 days a-Hydroxyalprazolam is a metabolite of alprazolam. Its presence indicates recent alprazolam (Xanax) use.					
<b>Sleep aids and Non-Benzodiazepine Anxiolytics</b>					
Carboxyzolpidem	Negative				50 ng/mL
Zaleplon	Negative				100 ng/mL



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<b>Sleep aids and Non-Benzodiazepine Anxiolytics</b>					
Zolpidem	Negative				10 ng/mL

Tested For	Result	Interpretation	Normal Range/Cutoff
<b>Specimen Validity</b>			
pH	5	NORMAL	4-9
<b>Specific Gravity</b>	<b>1</b>	<b>ABNORMAL</b>	<b>1.0010-1.0250 units</b>
Oxidants	2	NORMAL	0-50 ug/mL
Creatinine	65	NORMAL	0-300 mg/dL