



ADVANCED  
LAB 3

# TOXICOLOGY

## DRUG SCREENING + CONFIRMATION

Navigate the complexities of medication management with our Precision Drug Monitoring and Confirmation services. Our comprehensive approach begins with sensitive screening tests to detect a broad spectrum of controlled substances and prescription medication. Following any positive screen, we employ gold-standard confirmation testing to provide unequivocal evidence of the drug's presence.

Our confirmation tests quantify specific drugs and their metabolites with precision, distinguishing similar substances and eliminating false positives. This two-tiered process ensures accuracy and reliability, supporting clinicians and organizations in making informed decisions based on definitive analytical data.

**SAMPLE TYPE : Urine, Saliva**



Results within  
**48-72 Hours**  
from arrival at lab

**(For Provider's Reference)**

## SUBSTANCES IDENTIFIED AND CONFIRMED

Our laboratory provides in-depth analytical data, offering both qualitative screening and quantitative confirmation. This meticulous approach ensures accurate identification and measurement of prescribed medications, drugs of abuse, and their metabolites, facilitating precise monitoring and compliance assessments.

### Alkaloids

- Cotinine
- Mitragnyine

### Antidepressants (unspecified)

- Venlafaxine
- Trazodone
- Bupropion

### Buprenorphine

- Buprenorphine
- Norbuprenorphine

### Heroin

- 6-Monoacetylmorphine

### Skeletal Muscle Relaxants

- Carisoprodol
- Meprobamate
- Cyclobenzaprine

### Amphetamines

- Amphetamine
- Methamphetamine
- Phentermine

### Antiepileptics

- Lamotrigine

### Opiates

- Codeine
- Hydrocodone
- Norhydrocodone
- Hydromorphone
- Morphine
- Dihydrocodeine

### Methylphenidate

- Ritalinic Acid
- Methylphenidate

### Antidepressants

- Citalopram
- Duloxetine
- Fluoxetine
- Sertraline

### Natural Cannabinoids

- Delta 9-Carboxy THC

### Synthetic cannabinoids

- JWH-18 PA
- JWH-73 BA

### Cocaine

- Benzoylcegonine

### Antipsychotics

- Anipiprazole
- Quetiapine
- Risperidone

### Fentanyl

- Norfentanyl
- Fentanyl

### Benzodiazepines

- Alprazolam
- Oxazepam
- Temazepam
- $\alpha$ -Hydroxyalprazolam
- 7-Aminoclonazepam
- Clonazepam
- Diazepam
- Lorazepam

### Oxycodone

- Oxycodone
- Noroxycodone

### Methadone

- Methadone
- EDDP

### Ticyclic Antidepressants

- Mirtazapine
- Amitriptyline
- Nortriptyline
- Imipramine
- Desmethyl Doxepin
- Doxepin

### Opioids & Opiate Analogs

- Naltrexone
- Meperidine
- Naloxone
- Normeperidine

### Other Classes

- PCP
- Ketamine
- MDMA
- Propoxyphene
- Zolpidem
- Gabapentin
- Tapentadol
- Tramadol
- ODM-Tramadol

**Contact Advanced Lab 3 at**

847-873-8012 | info@myadvancedlab.com | myadvancedlab.com  
1800 McDonough Rd Suite 209, Hoffman Estates, IL 60192.

1800 McDonough Rd Suite 209  
Hoffman Estates, IL 60192  
Tel: (847) 873-8012 Fax: (847) 385-3072  
Email: info@myadvancedlab.com



Patient Information	Specimen Information	Facility Information
<b>Patient Name :</b> Test <b>DOB :</b> Test <b>Age :</b> Test <b>Gender :</b> Male <b>Patient ID :</b> 1109 <b>Address:</b> Test	<b>Accession No. :</b> AD2402000000 <b>Date Collected :</b> 02/09/2024 03:07 PM <b>Date Received :</b> 02/09/2024 03:07 PM <b>Specimen Type :</b> Urine <b>Report Date :</b> 02/12/2024 07:12 PM	<b>Collection Facility :</b> DIRECT <b>Ordering Provider :</b> Test <b>NPI ID :</b> Test <b>Phone No :</b> Test <b>Address :</b>

**Screening**

Prescription: Hyrdocodone

**SPECIMEN VALIDITY TESTING**

TEST	RESULTS	FLAG	EXPECTED RESULTS
pH	6.8	Normal	4.5 - 9.5 mg/dL
Crea	186.8	Normal	20 - 350 mg/dL

**Screening Summary**

Drug Name	Results	Conc. (ng/mL)	Cut Off	Prescribed	Consistent
Opi	<b>Positive</b>	362	300	Not prescribed	Inconsistent

**Screening**

Drug name	Results	Cut Off
THC	Negative	50
PCP	Negative	25
Oxy	Negative	100
Opi	<b>Positive</b>	300
EDDP	Negative	1000
Coc	Negative	150
Bup	Negative	5
Benz	Negative	200
Barb	Negative	200
Amph	Negative	500

Scan to Validate



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<u>Practice Information</u>	<u>Patient Information</u>	<u>Sample Information</u>
Provider : Dr. Test	Patient Name : TEST DOB : xx/xx/xxxx Gender : TEST Patient ID : 1109	Sample ID: AD000000000 Sample Type : Urine Collected : Mar 07, 2024, 01:00 p.m. Reported : Mar 09, 2024, 08:46 a.m.
Medication Prescribed: Hydrocodone		
Order Comments:		

**CONFIRMATION**

Name of Drugs	Results	Conc. (ng/mL)	Cutoff(ng/mL)	Prescribed	Comments
Hydrocodone	<b>Positive</b>	297.16	10 - 1000	<b>Yes</b>	<b>Consistent</b>
6-MAM	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
7-Aminoclonazepam	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
a-Hydroxyalprazolam	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
Alprazolam	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
Amitriptyline	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
Amphetamine	<b>Negative</b>	N/A	40 - 4000	<b>No</b>	Consistent
Aripiprazole	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
Benzoylcegonine	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
Buprenorphine	<b>Negative</b>	N/A	7.5 - 750	<b>No</b>	Consistent
Bupropion	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
Carisoprodol	<b>Negative</b>	N/A	30 - 3000	<b>No</b>	Consistent
Citalopram	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
Clonazepam	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
Codeine	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
Cotinine	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
Cyclobenzaprine	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
Desmethyldoxepin	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
Diazepam	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
Dihydrocodeine	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
Doxepin	<b>Negative</b>	N/A	20 - 2000	<b>No</b>	Consistent
Duloxetine	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent
EDDP	<b>Negative</b>	N/A	10 - 1000	<b>No</b>	Consistent

Scan to Validate



The screening and confirmation of urine drug testing performed by LCMS by Triangle Molecular Toxicology LLC (CLIA: 34D2255993), Laboratory Director: Harsukh Gevariya, Ph.D., NRCC (CC). This test is a lab developed test and has not been cleared or approved by the FDA. This laboratory is regulated under CLIA as qualified to perform high complexity testing. These tests are used for clinical purposes and should not be regarded as investigational or diagnostic purposes.

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Medication Prescribed: Hydrocodone		
Order Comments:		

Fentanyl	Negative	N/A	5 - 500	No	Consistent
Fluoxetine	Negative	N/A	10 - 1000	No	Consistent
Gabapentin	Negative	N/A	50 - 5000	No	Consistent
Hydromorphone	Positive	234.11	10 - 1000	No	Inconsistent
Imipramine	Negative	N/A	10 - 1000	No	Consistent
JWH-18 PA	Negative	N/A	5 - 500	No	Consistent
JWH-73 BA	Negative	N/A	5 - 500	No	Consistent
Ketamine	Negative	N/A	10 - 1000	No	Consistent
Lamotrigine	Negative	N/A	10 - 1000	No	Consistent
Lorazepam	Negative	N/A	20 - 2000	No	Consistent
MDMA	Negative	N/A	30 - 3000	No	Consistent
Meperidine	Negative	N/A	10 - 1000	No	Consistent
Meprobamate	Negative	N/A	30 - 3000	No	Consistent
Methadone	Negative	N/A	10 - 1000	No	Consistent
Methamphetamine	Negative	N/A	50 - 5000	No	Consistent
Methylphenidate	Negative	N/A	10 - 1000	No	Consistent
Mitragynine	Negative	N/A	20 - 2000	No	Consistent
Mirtazapine	Negative	N/A	20 - 2000	No	Consistent
Morphine	Negative	N/A	20 - 2000	No	Consistent
Naloxone	Negative	N/A	10 - 1000	No	Consistent
Naltrexone	Negative	N/A	20 - 2000	No	Consistent
Norbuprenorphine	Negative	N/A	10 - 1000	No	Consistent
Norfentanyl	Negative	N/A	10 - 1000	No	Consistent
Normeperidine	Negative	N/A	20 - 2000	No	Consistent
Norhydrocodone	Negative	N/A	10 - 1000	No	Consistent

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**Patient Name :** Test  
**Age/Gender :** Test, Female  
**Mobile No :**  
**Referral :** Test.

**Patient ID :** 347  
**Collected On :** Mar 13, 2024, 05:19 p.m.  
**Reported On :** Mar 14, 2024, 09:01 a.m.  
**Organization :** DIRECT

Your Health Trend Report

**CONFIRMATION :**

Test Name - (Unit)	31 Dec 23	25 Mar 24	Result Trends
<b>6-MAM</b> - (ng/mL) Normal Ranges : 10 - 1000	N/A	-	-
<b>7-Aminoclonazepam</b> - (ng/mL) Normal Ranges : 20-2000	N/A	N/A	-
<b>a-Hydroxyalprazolam</b> - (ng/mL) Normal Ranges : 20 - 2000	317.39	-	
<b>Alprazolam</b> - (ng/mL) Normal Ranges : 10-1000	197.52	108.27	
<b>Amitriptyline</b> - (ng/mL) Normal Ranges : 10-1000	4621.84	N/A	
<b>Amphetamine</b> - (ng/mL ) Normal Ranges : 40 - 4000	N/A	N/A	-
<b>Aripiprazole</b> - (ng/mL ) Normal Ranges : 10-1000	N/A	N/A	-
<b>Benzoylcegonine</b> - (ng/mL) Normal Ranges : 10-1000	N/A	N/A	-
<b>Buprenorphine</b> - (ng/mL) Normal Ranges : 7.5-750	N/A	N/A	-
<b>Bupropion</b> - (ng/mL ) Normal Ranges : 10-1000	N/A	N/A	-
<b>Carisoprodol</b> - (ng/mL) Normal Ranges : 30-3000	N/A	N/A	-

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Age/Gender : Test, Female  
Mobile No :  
Referral : Test.

Patient ID : 347  
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Organization : DIRECT

### Your Health Trend Report

<b>Fluoxetine - (ng/mL )</b> Normal Ranges : 10-1000	N/A	N/A	-
<b>Gabapentin - (ng/mL)</b> Normal Ranges : 50-5000	N/A	N/A	-
<b>Hydrocodone - (ng/mL)</b> Normal Ranges : 10-1000	N/A	N/A	-
<b>Hydromorphone - (ng/mL)</b> Normal Ranges : 10-1000	N/A	N/A	-
<b>Imipramine - (ng/mL)</b> Normal Ranges : 10-1000	N/A	-	-
<b>JWH-18 PA - (ng/mL)</b> Normal Ranges : 5 - 500	N/A	N/A	-
<b>JWH-73 BA - (ng/mL)</b> Normal Ranges : 5 - 500	N/A	N/A	-
<b>Ketamine - (ng/mL )</b> Normal Ranges : 10-1000	N/A	N/A	-
<b>Lamotrigine - (ng/mL )</b> Normal Ranges : 10-1000	N/A	N/A	-
<b>Lorazepam - (ng/mL)</b> Normal Ranges : 20-2000	N/A	N/A	-
<b>MDMA - (ng/mL)</b> Normal Ranges : 30-3000	N/A	N/A	-
<b>Meperidine - (ng/mL)</b> Normal Ranges : 10-1000	N/A	N/A	-