



## Are they abusing prescription drugs?

Target a wide range of prescription drugs that go undetected in standard drug tests with our comprehensive drug test panel.

TARGET COMMONLY ABUSED PRESCRIPTION DRUGS IN URINE WITH AN ALL-INCLUSIVE LAB TEST.

Most people take medications responsibly; however, an estimated 52 million people have used prescription drugs for non-medical reasons.<sup>1</sup>

There is a common misconception that prescription medicines are safer than illicit drugs.<sup>2</sup> Consequently, emergency department visits involving misused opioids have nearly tripled from 2004 to 2011.<sup>3</sup> Similarly, substance abuse treatment for nonmedical use of pain relievers has also risen dramatically.<sup>4</sup>

We utilize the most sensitive and specific technology available. When requested, confirmations for presumptive positive samples are performed from a separate urine aliquot. We'll find out.

### FEATURES AND BENEFITS

- Detects over 600 brand name prescription drugs, illicit drugs, and alcohol (specimen validity included)
- Includes expanded list of opiates/narcotics
- GC/MS and/or LC/MS/MS analysis provides confirmative evidence of use
- Highly specific, highly sensitive—includes quantitative, semi-quantitative, or qualitative test result data
- Fast turn-around time from receipt of specimen (48 hours<sup>5</sup> negative, 72 hours positive)

**Start testing for prescription drugs**

**800-255-2159**

or visit: [www.redwoodtoxicology.com](http://www.redwoodtoxicology.com)



## Frequently asked questions

### » Which prescription drugs are abused most often?

Prescription drugs most often misused:

- **Opiates/Narcotics**—alleviate pain, depress body functions and reactions, and when taken in large doses, cause strong euphoria.
- **Barbiturates/Benzodiazepines**—slow down brain activity, treat anxiety, muscle tension, pain, insomnia, acute stress reactions, panic attacks, and seizure disorders. In higher doses, some CNS depressants may be used as general anesthetics.
- **Antidepressants**—used to treat depression, anxiety and eating disorders. They are known as lifestyle drugs or “mood brighteners”. Their side effects are the subject of many recent studies.
- **Stimulants**—increase activity in certain areas of the brain. They are prescribed for attention-deficit hyperactivity disorder (ADHD), the sleep disorder narcolepsy, or obesity.

Each of these pharmacological classes may be divided into sub-groups and includes a variety of drugs, which may or may not be structurally related and differ in their effect and potency.

### » How accurate and reliable is the Comprehensive Drug Test?

RTL utilizes the most sophisticated, sensitive, and specific equipment and technology available. Confirmations of all presumptive positive samples are performed from a separate urine aliquot. The test utilizes an optimal method of extraction and analysis for each drug using LC/MS/MS and/or GC/MS.<sup>6</sup>

1. Volkow ND. National Institute on Drug Abuse: Prescription Drugs—Abuse and Addiction [letter]. NIDA Research Report Series. <http://www.drugabuse.gov/sites/default/files/rrprescription.pdf>. Published October 2011. Accessed July 19, 2013.
2. MetLife Foundation. 2012 Partnership Attitude Tracking Study: Teens and Parents. <http://www.drugfree.org/wp-content/uploads/2013/04/PATS-2012-FULL-REPORT2.pdf>. Published April 23, 2013. Accessed July 9, 2013.
3. SAMHSA. Drug Abuse Warning Network, 2011: Selected Tables of National Estimates of Drug-Related Emergency Department Visits. Rockville, MD: Center for Behavioral Health Statistics and Quality, SAMHSA; 2012.
4. Substance Abuse and Mental Health Services Administration (SAMHSA). Results From the 2011 National Survey on Drug Use and Health: Summary of National Findings. Rockville, MD: SAMHSA; 2012. NSDUH Series H-44, HHS publication (SMA) 12-4713.
5. Excludes specimens received Saturday.
6. Alcohol confirmed by gas chromatography - flame ionization detector.

## Comprehensive Urine Drug Test

### Panel P40: Comprehensive Test Panel

Detects a wide range of prescription drugs

#### Alcohol (Ethanol)

#### Antidepressants

Amitriptyline	Escitalopram	Sertraline
Bupropion	Fluoxetine	Trazodone/Nefazodone
Citalopram	Imipramine	Venlafaxine
Desipramine	Maprotiline	
Doxepin	Paroxetine	

#### Anticonvulsants

Carbamazepine	Oxcarbazepine
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#### Barbiturates

Amobarbital	Butalbital	Phenobarbital
Butabarbital	Pentobarbital	Secobarbital

#### Benzodiazepines

Alprazolam	Lorazepam	Temazepam
Clonazepam	Midazolam	Triazolam
Flunitrazepam	Nordiazepam	
Flurazepam	Oxazepam	

#### Narcotics/Opiates

Buprenorphine	Ketamine	Oxymorphone
Butorphanol	Meperidine	Pentazocine
Codeine	Methadone	Propoxyphene
Fentanyl	Morphine	Tramadol
Hydrocodone	Nalbuphine	
Hydromorphone	Oxycodone	

#### Phencyclidine (PCP)

#### Sedative/Hypnotic Agents

Carisoprodol	Meprobamate	Zolpidem
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#### Stimulants

Amphetamine	Methylenedioxymethamphetamine (MDA)	Methylphenidate
Cocaine	Methylenedioxymethamphetamine (MDMA)	
Methamphetamine	Methylenedioxyethylamphetamine (MDEA)	

#### THC (Marijuana)

Includes specimen validity (Creatinine). List updated periodically. Prescription brand names covered and cutoff levels by method are available at [www.redwoodtoxicology.com](http://www.redwoodtoxicology.com).



# 800-255-2159

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