

# steroid/sports drug testing

LABORATORY SERVICES



Are they on drugs? We'll find out.

Detect a full list of prescription androgenic anabolic steroids, prohormones, designer anabolic steroids, essential masking, anti-estrogen agents, diuretics and stimulants.

Confidence in testing.

## REDWOOD TOXICOLOGY LABORATORY STEROID/SPORTS DRUG TESTS

Due to popular demand, Redwood Toxicology Laboratory, Inc. (RTL) developed a comprehensive and affordable steroid panel that is comparable to WADA<sup>1</sup> testing. In addition, RTL also offers a diuretics and stimulants panel. Our tests are ideal for sports organizations, colleges and high schools, certified athletic trainers, coaches, corrections and law enforcement, and occupational health agencies<sup>2</sup>. RTL offers the same high quality test results for steroids, diuretics and stimulants as we do for urine and oral fluid drug testing.

RTL utilizes the most sophisticated, sensitive and specific equipment and technology available, (GC/MS - gas chromatography/mass spectrometry), to confirm steroids, diuretics and stimulants. This methodology provides highly accurate results. As with all of RTL's testing options, full customer support and training is provided. Turn to RTL for confidence in testing—we'll find out.

1. World Anti-Doping Agency

2. Compliance with RTL non-pretesting policy is required

3. Excludes specimens received Saturday

## BENEFITS INCLUDE:

- Tests a wide range of steroids, diuretics and stimulants
- Toll-free customer support services with access to board certified toxicologists
- Expert witness services and litigation packages available
- All laboratory tests performed on state of the art GC/MS equipment
- Fast turn-around time from receipt of specimen (48 hours<sup>3</sup> negative, 72 hours positive)
- Results available via internet, fax and/or U.S. mail
- Affordable pricing (ask about combining your drug testing panels)

Call Now: **800-255-2159**

or visit: [www.redwoodtoxicology.com/3265](http://www.redwoodtoxicology.com/3265)



**FREQUENTLY ASKED QUESTIONS**

Complete list of FAQ's available online at [www.redwoodtoxicology.com](http://www.redwoodtoxicology.com)

**What are anabolic steroids?**

Androgenic-anabolic steroids (AAS) are a class of steroid hormones possessing androgenic (promote development of male sexual characteristics) and anabolic (increase nitrogen retention, protein synthesis and muscle growth) properties. Synthetic AAS were developed as licensed drugs in the late 1950's/ early 1960's. Soon they became popular among athletes as highly potent performance enhancing drugs. Abuse of AAS violates fundamental principles of sports and seriously threatens athlete's health. AAS are banned in sports since 1976. In response to the demand, new similar non-licensed steroids were developed and sold as "legal" nutritional supplements. They are also known as prohormones and designer anabolic steroids. Currently, in the US all prohormones, classic and designer AAS are classified as Schedule III Controlled substances.

**What are diuretics?**

Diuretics elevate the rate of bodily urine excretion (diuresis). Use of diuretics is prohibited in sports. Increased urine flow reduces concentration of prohibited substances in urine, thus complicating their detection (masking). Diuretics are also known to be abused in weight sports (weight category manipulation).

**What are stimulants?**

Stimulants are psychoactive drugs that induce temporary improvements in mental and/or physical function. The effects of stimulants include enhanced alertness, wakefulness, endurance, productivity and motivation; increased arousal, locomotion, heart rate/blood pressure; and a perception of a diminished requirement for food and sleep. Stimulant abuse can lead to addiction and is eventually destructive to human health.



**COMPREHENSIVE STEROID PANEL** — Test panel list updated periodically to include new prohormones and designer steroids.

1-Androstendiol	Desoxymethyltestosterone	Methandrostenolone	Oxandrolone
1-Androstendione	5 $\alpha$ -Dihydrotestosterone/ Drostandiol	Methasterone	Oxymesterone
4-Androstendiol	Drostanolone	Methenolone	Oxymetholone
4-Androstendione	Epitestosterone (masking agent)	6-Methylandrostendione	Probenecid (masking agent)
5-Androstendiol	Ethisterone	Methyl-1-testosterone	Prostanozol
5-Androstendione	Ethylestrenol	Methylnortestosterone	Quinbolone
Bolandiol (Norandrostendiol)	Fluoxymesterone	Methyltestosterone	Stanozolol
Bolasterone	Formebolone	Mibolerone	Stenbolone
Boldenone	Formestane (anti-estrogen)	Nandrolone	Testolactone (anti-estrogen)
Boldione	Furazabol	19-Norandrostadiendione	1-Testosterone
Calusterone	Halodrol	19-Norandrostendione	Testosterone
Clenbuterol (anabolic agent)	4-Hydroxy-testosterone	Norbolethone	Trenbolone
Clostebol	Mestanolone	Norclostebol	
Danazol	Mesterolone	Norethandrolone	
Dehydrochlormethyltestosterone	Methandriol	Oxabolone	

**DIURETIC PANEL** — Test panel updated periodically.

Acetazolamide	Amiloride	Bumethanide	Bendroflumethiazide	Canrenone	Chlorthalidone
Chlorothiazide	Clopamide	Cyclothiazide	Dichlorphenamide	Ethacrynic acid	Furosemide
Hydrochlorothiazide	Hydroflumethiazide	Spirolactone	Triamterene		

**STIMULANT PANEL** — Test panel updated periodically.

Adrafinil	Amfepramone (Diethylpropion)	Amiphenazole	Amphetamine	Amphetaminil	Benzphetamine
Benzylpiperazine (BZP)	Cathine (Norpseudoephedrine)	Clobenzorex	Cocaine	Dimethylamphetamine	Ephedrine
Ethamivan (Etamivan)	Ethylamphetamine (Etilamphetamine)	Famprofazone	Fencamfamine	Fenethyliline (Fenethyliline)	Fenfluramine
Fenproporex	Furfenorex	Heptaminol	l-Methamphetamine (Lvmethamphetamine)	Mefenorex	Mephentermine
Methamphetamine	Methylenedioxyamphet- amine (MDA)	Methylenedioxymeth- amphetamine (MDMA)	Methylephedrine	Methylphenidate	Modafinil
Nikethamide	Norfenfluramine	Octopamine	Parahydroxyamphet- amine	Phendimetrazine	Phenmetrazine
Phentermine	4-Phenylpiracetam	Propylhexedrine	Selegiline	Sibutramine	Strychnine

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drugs of abuse test-urine // drugs of abuse test-saliva // comprehensive drug test // etg/ets alcohol test // steroid/sports drug testing // ghb test // hcg test



**800-255-2159**

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