



Vetting your staff and workplace to reduce your risk

DRUG & ALCOHOL TESTING

MEDVET LABORATORIES

Medvet Laboratories was established in 1985. Medvet Laboratories has enjoyed substantial growth and now operates as a national organisation providing drug and alcohol testing services and products across Australia. Each year Medvet Laboratories conduct more than 100,000 drug and alcohol tests.

Drug and Alcohol Testing

The Drug and Alcohol division of Medvet Laboratories is committed to providing scientific quality in the implementation and provision of workplace drug and alcohol testing. Medvet Laboratories offers a comprehensive national drug and alcohol testing service providing nationally accredited staff, on-site drug collection kits and laboratory confirmation testing. Medvet Laboratories has a wide range of scientifically trained staff Australia wide offering expert advice.

Medvet Laboratories Provides:

- 24/7 availability in most areas
- Fully accredited collection staff in all states for on-site collection and laboratory based testing
- On-site urine screening for all five drug groups specified in AS/NZS 4308:2008
- On-site saliva screening for all drugs listed in AS 4760:2006
- The use of an AS/NZS 4308 accredited laboratory in four states of Australia
- Confirmation testing utilising Gas Chromatography/Mass Spectrometry and Liquid Chromatography/Mass Spectrometry
- Education and advice on policy development and implementation
- Staff training to AS/NZS 4308:2008 and AS 4760:2006
- Education on the effects of drugs and alcohol as well as information on the collection process
- Nationally recognised AQTF training collection course
- Provision for pre-employment drug testing as well as blanket, random, for cause, post incident and return to work testing



WHY TEST?

Why Should My Business Conduct Drug and Alcohol Testing?

The benefit to cost ratio for a drug and alcohol management program at your workplace is approximately 26:1.²

Cost Savings¹

- Reduced medical and health insurance costs
- Reduced property, casualty, and liability insurance costs
- Reduced workers' compensation claims and lower premiums
- Lower costs due to losses and errors
- Decreased legal costs and costs of hiring and training new employees
- Reduced costs due to absenteeism, theft and fraud

Safety¹

- Fewer accidents
- Fewer disciplinary actions
- Increased workforce morale
- Less chance that a current drug user will apply for a job and be hired
- Ability to respond quickly to problems with alcohol or other drugs

Improved Productivity¹

- Greater awareness regarding drug abuse and related issues
- Earlier identification and resolution of problems affecting job performance



¹Making Your Workplace Drug Free: A Kit For Employers, Employer Tip Sheet #4, Drug Free Workplace Programs, Substance Abuse and Mental Health Services Administration (SAMHSA)

²Effectiveness and benefit-cost of peer-based workplace substance abuse prevention coupled with random testing, Accident; Analysis and Prevention (2007). Author(s): Zaloshnja, E.; Miller, T. R.; and Spicer, R. S.

DRUGS AND ALCOHOL

How Much Do They Cost Your Business?

- Drug and alcohol use costs the Australian economy at least \$13.7 billion annually¹
- Drugs and alcohol are estimated to be a factor in 25% of workplace accidents and 10% of workplace deaths¹
- 62% of harmful drug and alcohol users are in full time employment²

Employees With Drug Problems Are:³

- 20-25% less productive
- 3.6 times likely to be involved in an accident
- 5 times more likely to file a workers compensation claim
- 3 times more likely to be late for work
- 2.2 times more likely to require early dismissal
- 3 times more likely to abuse sick leave

In a recent study conducted by Swinburne University, (Drugs and Driving Research Unit) ecstasy was found to significantly impair psychomotor performance and spatial and numeric working memory directly after drug use and 24 hours after use.

Participants in the study completed a driving test. Those under the influence of drugs were found to skid, brake inappropriately, swerve and in many cases, were unable to keep a safe distance from other vehicles⁴.

These findings show that drugs can cause safety risks in the work place long after consumption.



¹Australian Chamber of Commerce & Industry Feb 2007

²Workcover Corporation of SA - Guidelines for Drugs, Alcohol & the Workplace Feb 2001

³National Centre for Education and Training on Addiction (NCETA) www.nceta.flinders.edu.au

⁴Swinburne University Cognitive Performance Testing Feb 2009

WHY CHOOSE US?

The Medvet Laboratories Difference

Medvet Laboratories has over 150 staff nationally that can manage your drug and alcohol testing requirements. From policy development and on-site sample collection, to laboratory confirmations, result analysis and dissemination. We are committed to providing scientific excellence in the implementation and provision of workplace drug testing.

Medvet Laboratories owns and operates the laboratory where we send samples for drug screening and confirmation testing. The laboratory is AS/NZS 4308 accredited and results are available within 24 - 48hrs. The laboratory tests for all drugs listed as mandatory in the Australian Standard. Medvet Laboratories also use other accredited laboratories upon request.

Drug and Alcohol Testing Policy Development

Medvet Laboratories has many years of experience in reviewing, developing and implementing drug and alcohol policies for a range of companies and government agencies.

The consultation typically encompasses:

- All legal requirements
- The scientific basis and limitations of various drug testing options
- The most appropriate method/matrix/level of any testing regime
- Best practice in education and training for employees and managers
- The role of rehabilitation/Employee Assistance Programs and return to work issues
- Confidentiality issues and legal defensibility of any testing regime

Education and Training

Education sessions are a critical first step to ensure acceptance of your policy at all levels of the organisation. Medvet Laboratories education sessions provide your managers and employees with the opportunity to learn about the collection and testing process.

Medvet Laboratories also offer a nationally recognised drug and alcohol screening course under the Australian Quality Training Framework. The course details the requirements of a "collector" as defined by Australian Standards. The course is competency based with assessment conducted throughout the training session. All sessions are conducted by one of our team of expert consultants.



URINE OR SALIVA TESTING

The use of urine or saliva screening devices is currently the topic of much debate. There are benefits for each method.

ISSUE	URINE	SALIVA
Price	Urine testing is the most cost effective way to test in the workplace for drugs of abuse.	Saliva testing is generally more expensive per test than urine testing.
Drugs that can be Detected	Opiates, amphetamines, cannabis, cocaine and benzodiazepines.	Opiates, amphetamine, methamphetamine, cannabis and cocaine.
Detection Time Frames	Can generally detect drugs taken > 24hrs ago.	Can generally detect drugs taken < 24hrs ago.
On-site Results Time Frame	Provides a result within 5 - 10 minutes.	Provides a result in 10 -15 minutes.
Accuracy	Medvet Laboratories stocks AS4308:2008 compliant urine testing kits.	Medvet Laboratories stocks high quality saliva testing kits.
Confirmations	The sample can be sent to one of the many accredited toxicology laboratories for confirmation as per the Australian Standard.	Only a limited number of laboratories in Australia offer oral fluid confirmation analyses.
Ease of Sample Collection	Some people complain about intrusiveness and embarrassment. Samples are not witnessed.	Samples are easily collected. Some saliva testing kits can leave an unpleasant taste. Sample collection might be considered uncomfortable.
Australian Standard	Australian Standard 4308. This standard has been tested rigorously in court.	Australian Standard 4760. This standard has not been legally tested.
Ease of Use	Easy to use and read.	Easy to use and read.
Adulteration Possibility	If collection is performed according to AS4308:2008 then there should be very little opportunity for sample adulteration.	There is very little chance of sample adulteration during saliva collection due to the tests being 100% observable.

URINE TESTING

OnTrak TesTcup II Pro 5-AS and Onsite Cupkit Pro 5-AS

Overview

The OnTrak TesTcup II and Onsite Cupkit make on-site testing easier, faster and more economical.

Features

- Unique latex technology
- Card can remain in sample for weeks
- Easy to read temperature strip
- Writable ID surface
- No-leak lid
- Scanner and software available for data collection

Advantages

- Compliant with Australian Standard 4308:2008
- One step process
- Results can be read for up to 2 hours
- One product to test, store and ship
- Results in 5 minutes

Drugs That Can Be Detected

- Amphetamines
- Cocaine
- THC (marijuana)
- Opiates
- Benzodiazepines

Order Code: 6902594



On-site Urine Testing Cut Off Levels (AS 4308:2008)

Class of Drug	Cut off Level (ug/L)
Amphetamine Type Stimulants	300
Benzodiazepines	200
Cannabis Metabolites	50
Cocaine and Metabolites	300
Opiates	300

URINE TESTING

Sure Step 6 Panel Cassette

Overview

The Sure Step 6 panel on-site urine devices are simple one step tests for detection of drugs in urine.

Features

- One step process
- Inbuilt procedural control
- Room temperature storage

Advantages

- Compliant with Australian Standard 4308:2008
- Multiple drugs measured
- Results in 5 minutes

Drugs That Can Be Detected

- Amphetamines
- Methamphetamines
- Cocaine
- THC (marijuana)
- Benzodiazepines
- Opiates

Order Code: DOA165A



On-site Urine Testing Cut Off Levels (AS 4308:2008)

Class of Drug	Cut off Level (ug/L)
Amphetamine Type Stimulants	300
Benzodiazepines	200
Cannabis Metabolites	50
Cocaine and Metabolites	300
Opiates	300

URINE TESTING

Sure Step 6 Panel Cup

Overview

The Sure Step 6 panel on-site urine devices are simple one step tests for detection of drugs in urine.

Features

- One step process
- Inbuilt procedural control
- Room temperature storage

Advantages

- Compliant with Australian Standard 4308:2008
- Multiple drugs measured
- Results in 5 minutes
- Inbuilt adulteration test

Drugs That Can Be Detected

- Amphetamines
- Methamphetamines
- Cocaine
- THC (marijuana)
- Benzodiazepines
- Opiates

Order Code: DOA165A



On-site Urine Testing Cut Off Levels (AS 4308:2008)

Class of Drug	Cut off Level (ug/L)
Amphetamine Type Stimulants	300
Benzodiazepines	200
Cannabis Metabolites	50
Cocaine and Metabolites	300
Opiates	300

URINE TESTING

OnTrak TesTstik

Overview

OnTrak TesTstik is a proven tool for on-site drug testing that combines unparalleled reliability and ease of use in one, two, or three advanced, cost-conscious multi-drug panels.

Features

- Unique latex technology
- Stores at room temperature
- Simple one step process
- No mess

Advantages

- No mixing
- No clockwatching
- No specialised operator training
- Cost effective
- Results in 5 minutes

Drugs That Can Be Detected

Each TesTstik tests for only one drug

- Cocaine
- Morphine
- THC (marijuana)

Order Code: 766526



On-site Urine Testing Cut Off Levels (AS 4308:2008)

Class of Drug	Cut off Level (ug/L)
Amphetamine Type Stimulants	300
Benzodiazepines	200
Cannabis	50
Cocaine and Metabolites	300
Opiates	300

SALIVA TESTING

On-Site OraLab⁺6

Overview

On-Site OraLab⁺6 detects drug use for up to six drugs even before they are metabolised. The detection level for parent THC is the most accurate in the industry¹.

Features

- Samples can be measured and observed in the tube
- Tamper evident container
- Locking device on expresser ensures drip free process

Advantages

- Less than half the steps required by other oral fluid tests
- Simple and easy to administer
- The testing process is 100% observable
- Eliminates the need for special facilities or gender-specific staffing
- Results in 10 minutes

Drugs That Can Be Detected

- Amphetamines
- Opiates
- Cocaine
- THC (marijuana)
- Methamphetamines
- PCP



On-site Saliva Testing Cut Off Levels (AS 4760:2006)

Class of Drug	Cut off Level (ug/L)
Opiates	50
Amphetamine Type Stimulants	50
Cannabis	25
Cocaine and Metabolites	50

Order Code: 6902596

¹Varian product information www.varian.com

ALCOHOL TESTING

Alcolizer HH1

Overview

The Alcolizer HH1 has become the leading hand held alcohol breath tester in occupational health and safety across Australia. Due to the user friendly design it is also our most popular portable screening device for the general public.

Features

- Australian Standard Certified - AS 3547 Type II
- Manufactured under Quality Assurance Licence 2334
- Australian designed and manufactured
- Mini electrochemical fuel cell technology
- Accurate, reliable and user friendly
- 12 month factory warranty
- Free software upgrade on calibration including battery

Advantages

- Compliant with Australian Standard 3547:1997
- Readings to 0.001% Blood Alcohol Concentration Resolution
- Accuracy better than +/- 10% (0.010)
- Results are instantaneous
- Capable of performing 300 tests before each calibration

Drugs That Can Be Detected

- Alcohol

Order Code: HH1



Alcolizer HH2

Incorporating all the features of the HH1, the Alcolizer HH2 offers data logging and download functions that allow the user to register all test results and transfer these to a database.

With the capacity for 900 recorded test results, the HH2 is the ideal unit for business and industry.

SKIN TESTING

Biosens Dynamic S

Overview

The Biosens Dynamic S System is a sweat and/or saliva testing device that uses innovative technology providing a quick, accurate and cost effective solution for drug testing by measuring the drug compounds present in the sweat and saliva. It can also be used to test surfaces for drug residue.

Features

- Individual print out of results for each sample
- Portable with PC connectivity

Advantages

- Effective, low cost high volume drug tests
- Results in 90 seconds
- Less invasive and faster than urine collection
- Tests for active drug compounds, not just metabolites
- Simple to operate
- Cost effective compared to urine and saliva testing
- Tests for multiple narcotics simultaneously

Drugs That Can Be Detected

- Cocaine
- Amphetamine
- Methamphetamine
- Other drugs can be added per your requirements



OTHER SERVICES

DNA Testing

Medvet Laboratories provides accurate DNA testing in our purpose built Australian laboratory. The results are certified with a 99.9% degree of accuracy. Medvet Laboratories offers a self collect DNA test and a legally admissible DNA test.

Self Collect DNA Test

You will receive your discreet DNA testing kit in the mail within two days. The DNA testing kit contains cheek swabs, instructions and return envelopes.

You can take the DNA samples in the comfort and privacy of your own home and return them for processing immediately. The collection of DNA samples is completely painless and involves collecting cells from inside the cheek using a cotton swab.

As soon as we receive your DNA sample and payment, our laboratory will begin the DNA extraction and analysis process. We will send you the confidential results within 10 working days.

Legally Admissible DNA Test

Legally admissible DNA Tests are accredited by NATA (National Association of Testing Authorities). Accreditation is required for results to be valid in a court of law.

DNA samples can be taken anywhere in Australia, at one of our authorised collection centres. Please contact Medvet Laboratories if you wish to arrange for a sample to be collected.

A DNA sample will be collected from each person taking part in the test. Separate appointment times may be arranged if required.

The collection of DNA samples is completely painless and involves collecting cells from inside the cheek using a cotton swab.

Results are available within 10 working days.

To Order FreeCall 1800 633 838



OTHER SERVICES

Emergency Medical Evacuation

National and International

24 hour Medical Emergency Retrieval Service

The Mediflight retrieval service began operations in 1964. Today Mediflight routinely undertakes national and international flights utilising air ambulance and commercial aircraft.

Mediflight is experienced in coordinating and managing air medical retrievals on behalf of companies, patients, and insurance companies.

Mediflight Services

- Remote site retrieval of critically injured workers
- Patient transfers between hospitals

From any site world wide, on a private or commercial jet, Mediflight will provide the most cost effective medical retrieval or transfer.

Mediflight has a full range of aircraft, intensive care equipment and qualified medical staff available 24 hours a day, 7 days a week.

Upon acceptance of a fee estimate, Mediflight's coordinators manage the patient retrieval and transfer in accordance with the patient's requirements.

Optimal Safety for the Patient at all Times

Mediflight teams carry a full range of life support equipment, monitors and medications.

A standard team consists of a doctor and a nurse; both are fully qualified in critical care medicine and have experience in the aero medical discipline.

General Enquiries

Ph: +61 8 8132 7474

Fax: +61 8 8132 7470

www.mediflight.com.au



CONFIDENTIAL

Drug & Alcohol Advice

We can help...

- Drug and Alcohol Testing
- Staff Training and Education
- Policy Development
- Product Sales
- Confidential Enquiries

Free Call - Free Advice

1800 633 838



Vetting your staff and workplace to reduce your risk

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