

DRUGCHECK®

Drugs of Abuse Tests



1 NxStep 60000 series

1. NxStep Cup

Detects the presence of drug metabolites in minutes. Test for up to 15 drugs, alcohol and/or adulterants in urine.

2. NxScan Cup

Detects the presence of drug metabolites in minutes. Test for up to 14 drugs, alcohol and/or adulterants in urine. Flat-panel: Photocopy or scan results. DrugCheck® OMS and VeriCheck™ compatible.

3. Dip Cassettes

Detect up to 14 drugs, alcohol and/or adulterants in urine. **Flood-proof label.** Accurate results in 5 minutes. DrugCheck® OMS and VeriCheck™ compatible.

4. Single Dips

All drug tests are available in single cassettes or single strips.

5. 10-Panel Pipette

Detect 10 drugs in urine. Simple pipette operation. Accurate results in 5 minutes. Custom configurations available – minimum order quantities apply.

6. GHB Test

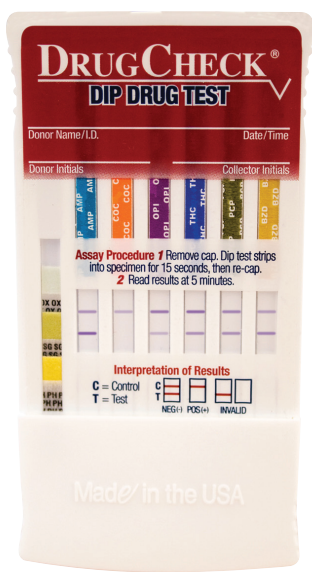
Test in single strip or cassette. Compare color on pad to chart for interpretation.

7. K2/Spice Test

Single strip, single or multi-panel dip, and multi-panel cup. **Lowest cutoff on the market at 25 ng/mL.**



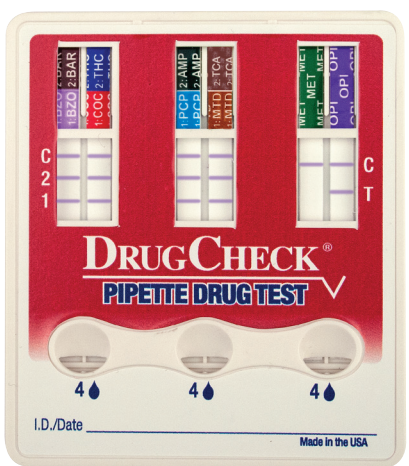
2 NxScan 70000 series



3 Dips 30000 series



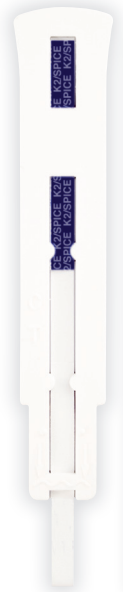
4



5 Pipette Drug Test
41025 DC



6 GHB Test # 30127C



7 K2 Test # 30122C # 30122

FUO OR EXPORT ONLY



Collect sufficient sample the first time with the first ever sponge saturation indicator!

- Single drug per strip
- Detects up to 10 drugs simultaneously
- Tamper evident and air tight to retain remaining saliva for laboratory confirmation
- Magnification windows for clear, definitive results
- Made in the USA
- DrugCheck[®] OMS and VeriCheck[™] compatible

Oral Fluid Collector (Sponge)

Studies have proven:

- Highest rate of recovery of drugs without the use of buffer
- Highest, most consistent rate of absorption
- Reduces viscosity of saliva for faster, more consistent results

Sponge Saturation Indicator (Patent pending)

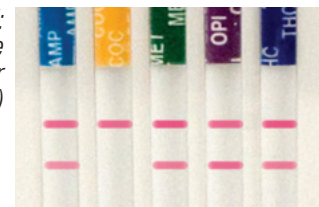
Typical time-determined collection methods are often ineffective when donors are smokers or users of certain prescription drugs, which can cause severe dry mouth. SalivaScan's sponge saturation indicator activates when sufficient sample has been collected.

- Reduce the cost of wasted devices due to insufficient sample common with other oral fluid tests
- Collectors invest only the time necessary to gather the sample and not a minute more



SPONGE SATURATION INDICATOR

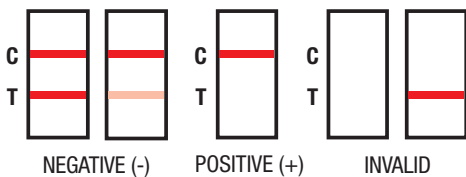
EXAMPLE:
Presumptive positive for cocaine (COC)



EXAMPLE:
Presumptive positive alcohol



Results interpretation



Market-leading drug cutoffs

- Buprenorphine: 5 ng/ml
- Cotinine: 50 ng/ml
- EDDP: 20 ng/ml
- Ketamine: 50 ng/ml
- Methadone: 30 ng/ml



SalivaScan 80000 series

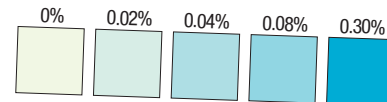
| SALIVA CUTOFFS | |
|-----------------------|------|
| Alcohol (ALC) | .02% |
| Amphetamine (AMP) | 50 |
| Benzodiazepines (BZO) | 10 |
| Buprenorphine (BUP) | 5 |

| | |
|-----------------|-----------|
| Cocaine (COC) | 20 |
| Cotinine (COT) | 50 |
| EDDP | 20 |
| Ketamine (KET) | 50 |
| Marijuana (THC) | 12 50* |

| | |
|-----------------------|----|
| Methadone (MTD) | 30 |
| Methamphetamine (MET) | 50 |
| Opiates (OPI) | 40 |
| Oxycodone (OXY) | 20 |
| Phencyclidine (PCP) | 10 |

Saliva Alcohol Color Chart

Alcohol strips must be read at 2 minutes as pad color may change.

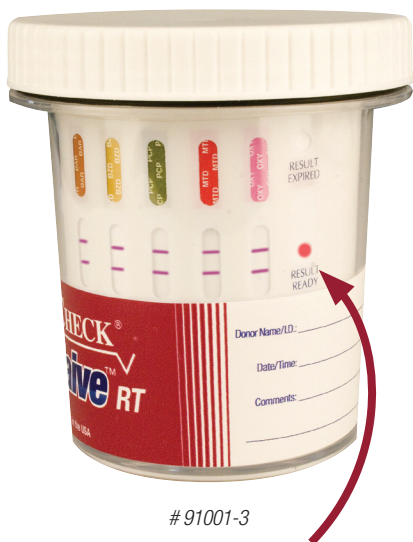


FUO OR EXPORT ONLY

All cutoffs in ng/mL except alcohol
* Parent

CLIA-Waived Drug Tests

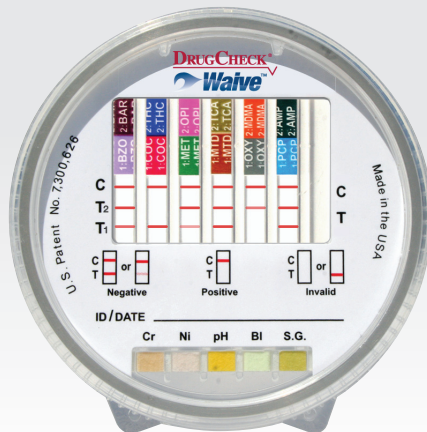
DRUGCHECK®
Waive™ RT



91001-3

12-panel cup with built-in timer
Indicates when to read presumptive positives

DRUGCHECK®
Waive™



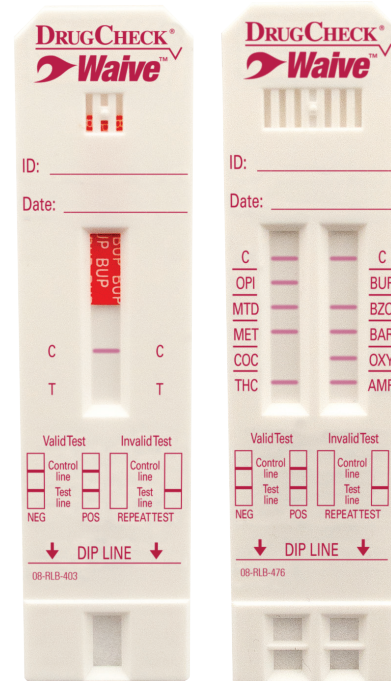
81205-5

Operator activated

- Two drugs per strip
- Operator activated – activate when ready
- No donor access to test
- Detects 12 drugs and 5 adulterants (OX, SG, CR, pH, NI)

Waive™

Buprenorphine Single and 10-panel Dips



CLIA Waived BUP Single Dip #10-BUPT-000

CLIA Waived 10-Panel Dip #10-10BPXT-030

The Waive™ RT is the only CLIA-waived device that detects MET and MDMA at 500 ng/ml. This improved sensitivity allows for better detection of MET, MDMA, and other like substances. The addition of AMP and MDA at 1000 ng/ml delivers a longer window of detection than standard CLIA-waived cups.

TEST FOR 12 DRUGS

(Cutoffs in ng/mL)

| | | |
|-----|-----------------|------|
| MET | Methamphetamine | 500 |
| MET | MDMA | 500 |
| AMP | Amphetamine | 1000 |
| AMP | MDA | 1000 |
| THC | Marijuana | 50 |
| COC | Cocaine | 300 |
| BAR | Barbiturates | 200 |
| BZO | Benzodiazepine | 200 |
| OPI | Opiates | 300 |
| PCP | PCP | 25 |
| MTD | Methadone | 300 |
| OXY | Oxycodone | 100 |

TEST FOR 12 DRUGS (Cutoffs in ng/mL)

| | | | |
|----------------|------|-----------------|------|
| Amphetamine | 1000 | MDMA | 500 |
| Barbiturates | 300 | Methamphetamine | 1000 |
| Benzodiazepine | 300 | Methadone | 300 |
| Cocaine | 300 | Opiates | 2000 |
| Oxycodone | 100 | PCP | 25 |
| TCA | 1000 | Marijuana | 50 |



1. Secure lid

2. Lay cup down

3. Interpret results

Example: Presumptive positive for THC



- MET and MDMA 500 ng/ml
- BAR and BZO 200 ng/ml
- One drug per test strip
- Test for 12 drugs plus adulterants SG, pH, CR
- Made in U.S.A.
- No tipping – no moving parts

- The only CLIA-waived BUP drug test
- U.S. FDA CLIA waived and 510(k) cleared
- Easy to use: Dip or pipette
- Tamper-proof device
- Results stable for up to four hours
- Greater than 99% correlation to GC/MS
- SAMHSA cutoff levels
- Tested for cross-reactivity against over 600 compounds
- 10-panel CLIA waived dip tests for: OPI, MTD, MET, COC, THC, BUP, BZO, BAR, OXY, AMP

10-panel dip

TEST FOR 10 DRUGS (Cutoffs in ng/mL)

| | | | |
|----------------|------|-----------------|------|
| Amphetamine | 1000 | Methamphetamine | 1000 |
| Barbiturates | 300 | Methadone | 300 |
| Benzodiazepine | 300 | Opiates | 2000 |
| Buprenorphine | 12.5 | Oxycodone | 100 |
| Cocaine | 300 | Marijuana | 50 |



AlcoCheck FC200

FC200 Fuel Cell FDA 510(k)

- European fuel cell sensor
- Memory: 10 records
- 1 year warranty — CE registered
- Advanced blow flow detection
- Auto power-off
- OPTIONAL PORTABLE PRINTER

AlcoCheck FC200 Kit: FC200, printer, paper, metal case
 # ATA-012 Portable Printer for FC200
 # ATA-020 Thermo Printer Paper for FC200
 # ATA-018 Metal Case for FC200
 # ATA-017 Large Pouch for FC200



FC200 Kit includes FC200 device, printer and paper, USB cable, mouthpieces, and metal transport case

Print results via USB printer



AlcoCheck FC90

FC90 (AT578) Fuel Cell

DOT approved • FDA 510(k)

- European fuel cell sensor
- Accuracy: +/-0.005% at 0.05%
- Memory: 5 records
- Testing time: 10 seconds
- Audible alarm if above 0.05%BAC
- Advanced blow flow detection
- Comparable in price to semiconductors but more accurate
- CE marked



Breath Alcohol Screen



FDA 510(k) • CLIA Waived • OTC Cleared

- Pass/fail design detects alcohol at specific threshold levels
- Available in three threshold levels: .02, .04, and .08
- Compact, plastic tube construction allows test to be carried anywhere
- Disposable

40902 .02 AlcoCheck (25 per box)
 # 40904 .04 AlcoCheck (25 per box)

40908 .08 AlcoCheck (25 per box)



AlcoCheck SC100

SC100 Semiconductor

- State-of-the-art semi-conductor oxide sensor
- Precalibrated, easily replaceable sensor module
- Onboard memory
- 1 year warranty — CE registered
- Auto power-off

Mouthpieces



- For use with all AlcoCheck[®] digital breath alcohol devices #ATA-010
- 1 unit (package) = 100 pieces



40900

Saliva Alcohol

- **FDA 510(k)**
- **CLIA Waived**
- **OTC Cleared**
- Gender-neutral, observed collection
- Results in 2 minutes
- Indicates recent alcohol consumption
- Easy interpretation
- Made in the USA

Saliva and Urine Alcohol



QED A150

QED A150 Saliva Alcohol

CLIA waived and DOT approved

- Quantitative results in 2 to 5 minutes
- Reads like a thermometer
- Long shelf life
- Built-in quality control spot
- High correlation to blood analysis for alcohol
- Non-invasive



AlcoScreen 02

Alco-Screen 02 Saliva Alcohol

DOT approved for required testing of all transportation and safety-sensitive employees for blood alcohol concentrations above the federally mandated zero tolerance level of 0.02%

DOT approved

- Positive: Above 0.02%
- Negative: Less than 0.02%

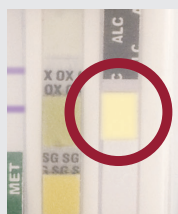
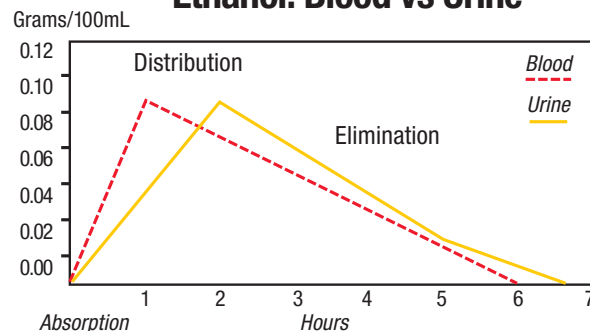


Urine Alcohol Facts

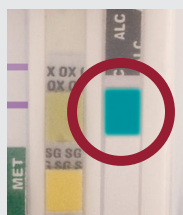
Urine Alcohol

Absorption of alcohol into the body begins in the proximal small intestine and is distributed throughout the entire fluid space of the body. Once equilibrium has been reached, alcohol will be found in all tissues of the body in proportion to their water content. Urine is the most practical specimen for alcohol testing in the workplace, specifically when the purpose of testing is to demonstrate that alcohol consumption has occurred. Peak urine alcohol levels are reached 45 to 60 minutes after alcohol ingestion, when they are typically about 1.3 times greater than the blood alcohol concentration. This ratio is only valid during the elimination phase, which occurs after the blood alcohol level has peaked and is decreasing. Alcohol may be detected in urine 1 to 2 hours longer than it is detected in the blood.

Ethanol: Blood vs Urine



NxScan example: Negative alcohol



NxScan example: Positive alcohol

Urine Alcohol Testing: Available in DrugCheck[®] cup and dip devices

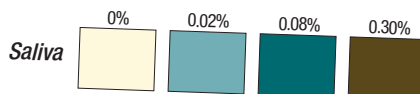
When urine is used as a specimen for alcohol testing, employers and medical review officers (MROs) should consider the following points:

- When a subject uses alcohol, the level in the bloodstream rises during the absorptive phase (alcohol being absorbed from the intestine), plateaus during the distribution phase (ethanol is equilibrating with tissue) and falls during the elimination phase (kidneys are excreting ethanol into the urine).
- During the elimination phase, the average person eliminates approximately .015 to .02 g/100 mL per hour (equivalent to one beer per hour).



Alcohol Color Chart

Alcohol strips must be read at 2 minutes as pad color may change.



FUO OR EXPORT ONLY

HealthScreen-10 Urine Reagent Strips for Urinalysis

ADT-7 Drug Adulteration Test Strips



UrinCheck Reagent Strips for Urinalysis (100 strips per bottle) #UC81200

UrinCheck Drug Adulteration Test Strips (25 strips per bottle) #UC81100

HealthScreen-10 is a simple reagent strip used to screen human urine for diagnostic chemical markers. In less than 1 minute, pads on the strip react with urine specimens and display color that can be compared to the provided color chart to determine the level of:

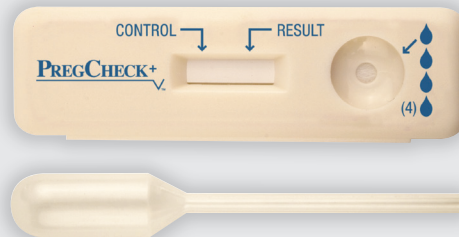
- Leukocytes
- Nitrite
- Urobilinogen
- Protein
- pH
- Blood
- Specific Gravity
- Ketone
- Bilirubin
- Glucose

CLIA waived

UrinCheck™ ADT-7 is a rapid test for the determination of diluted or adulterated urine specimens. Read results by comparing colors on the test strip's reactive pads to the color chart on the bottle label. A central pre-screen for any drug-testing program, UrinCheck™ ADT-7 tests for:

- Creatinine
- Nitrite
- Glutaraldehyde
- pH
- Specific gravity
- Oxidants/Bleach
- Pyridinium chlorochromate

PREGCHECK+™



PregCheck+ Urine (25 per box) #PC80100
PregCheck+ Urine/Serum (25 per box) #PC80200

Early Pregnancy Test

The PregCheck+ Early Pregnancy Test is designed for the rapid determination of human chorionic gonadotropin (hCG) in human urine or urine/serum, for professional use in obtaining a visual qualitative result for the detection of pregnancy. Four drops of specimen are dropped in the sample well of the cassette. Results are read at 5 minutes.

FDA 510(k) and CLIA waived — FOR PROFESSIONAL USE ONLY

Results Management



VERICHECK™ Results Manager

Image recognition/interpretation software, netbook computer, and compact scanner

Read lateral-flow tests

- 1- to 14-strip devices
- Color pads, such as adulterants (pH, etc.)

Automated interpretation

- One-click activation
- Read and interpret multiple test strips without any user interaction
- Qualitative analysis of assays

Data management

- Export / report data in Excel format
- Create locked PDFs to save or print

| ID | Test Kit | Test Kit Lot | Specimen Temperature | Drug | Image | Software Result | Visual Confirm | Comments |
|--------|----------|--------------|----------------------|--------|-------|-----------------|----------------|----------|
| 12/773 | 31060 | 4123 | 95 | AMP | | Negative | Negative | |
| | | | | BAR | | Negative | Negative | |
| 3 | | | | BUP | | Presumptive + | Presumptive + | |
| 4 | | | | BZD | | Negative | Negative | |
| 5 | | | | COC | | Negative | Invalid | |
| 6 | | | | MDMA | | Negative | Negative | |
| 7 | | | | MET | | Negative | Negative | |
| 8 | | | | MTD | | Negative | Negative | |
| 9 | | | | Opi300 | | Negative | Negative | |
| 10 | | | | THC | | Negative | Negative | |

14/06/2011

Help Print Report Save Result

Test strips are automatically interpreted and displayed on the results page. Presumptive positive drug tests and abnormal adulterant results are automatically flagged for administrator review.

FUO OR EXPORT ONLY

DrugCheck® Online Management System (OMS)



- **Scan and manage all your test results**
- **Training and certification**
- **Record-keeping**
- **Reports**

FREE to registered DrugCheck® customers

CHECK OUT THE OMS DEMO SITE

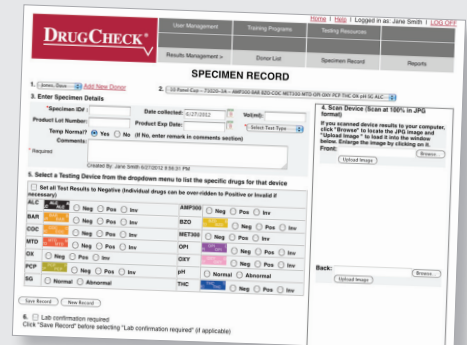
<https://demo.drugcheck.com>

User name: omsdemo@drugcheck.com

Password: omsdemo

FUO OR EXPORT ONLY

The DrugCheck OMS™ includes comprehensive DrugCheck device training, as well as general drugs of abuse information. Training Programs contains instructional presentations for each DrugCheck testing format and an automated exam that allows registered users to be instantly graded on their knowledge of onsite drugs of abuse testing. Those passing the exam are able to print a personalized certificate indicating successful completion of the training.



DRUGCHECK®

Color-Coded Test Strips

DrugCheck® is well known in the industry for easy-to-read devices that incorporate single drug, color-coded test strips. All urine test cups and dips, and saliva tests, use common color coding for quick recognition of individual drug strips.

FDA-Cleared Drug Screening

All DrugCheck® FDA-cleared devices screen for drugs of abuse at SAMHSA-established cutoff levels. These standards were implemented to establish scientific and technical guidelines for workplace drug testing programs within federal agencies, and to establish certification for laboratories performing urine drug testing for federal agencies.

- Easy to use and cost effective
- Multiple drug cutoffs available
- Custom configurations
- **100% U.S. MADE**



AVAILABLE DRUG TESTS AND CUTOFFS

| Test Strip | Drug | FDA Cleared | Forensic Use Only (FUO) or Export Only | |
|----------------------------|---------------------------|-------------|----------------------------------------|-----------------|
| | | Urine | Urine | Saliva |
| ALC ALC ALC | Alcohol | – | 0.04% | 0.02% |
| AMP AMP AMP | Amphetamine | 1000 | 300, 500 | 50 |
| BAR BAR BAR | Barbiturate | 300 | – | 50 |
| BZO BZO BZO | Benzodiazepine | 300 | 200 | 10 |
| BUP BUP BUP | Buprenorphine | 10 | – | 5 |
| COC COC COC | Cocaine | 150, 300 | – | 20 |
| COT COT COT | Cotinine | – | 200 | 50 |
| EDDP EDDP EDDP | EDDP/Methadone | – | 100 | 20 |
| FYL FYL FYL | Fentanyl | – | 200 | – |
| GHB GHB GHB GHB | GHB | – | 10, 50 | – |
| K2/SPICE K2/SPICE K2/SPICE | K2/Spice | – | 25 | – |
| KET KET KET | Ketamine | – | 1000 | 50 |
| THC THC THC | Marijuana | 50 | 25, 300 | 12, 50 (parent) |
| MDMA MDMA MDMA | MDMA/Ecstasy | 500 | – | – |
| MTD MTD MTD | Methadone | 300 | – | 30 |
| MET MET MET | Methamphetamine | 500, 1000 | 300 | 50 |
| OPI OPI OPI | Opiates | 300, 2000 | – | 40 |
| OXY OXY OXY | Oxycodone | 100 | – | 20 |
| PCP PCP PCP | Phencyclidine | 25 | – | 10 |
| PPX PPX PPX | Propoxyphene | 300 | – | 50 |
| TML TML TML | Tramadol | – | 100 | – |
| TCA TCA TCA | Tricyclic Antidepressants | 1000 | – | – |

All cutoffs ng/mL except alcohol.