One-Step Drug of Abuse Cup Test

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One-Step Drug of Abuse Cup Test is a rapid test for the qualitative detection of D-Amphetamine 1000, D-Amphatamine 500, Benzoylecgonine 300, Benzoylecgonine 150, 11-nor-A'-THC-9-COOH, Oxazepam, Methamphetamine 1000, Methamphetamine 500, Morphine 2000, Methadone, Phencycldine, Oxycodone, Propoxyphene, Butabital Burgrenorphine, Morphine 300, 2-Ethyldene-1, 5-dimethyl-3, 3-diphey/pyrroldine, Methylenedioxymethamphetamine, and Nortriptyline in human urine at a cutoff concentration indicated in the table below

The test may yield preliminary positive results when prescription drugs are ingested at prescribed doses. It is not intended to distinguish between prescription use and abuse of any drug. There are no uniformly recognized cutoff concentration levels for any drug in urine. The test provides only preliminary test results. A more specific alternative chemical method must be used in order to obtain a confirmed analytical result. GC/MS is the preferred confirmatory method. Clinical consideration and professional judgment should be exercised with any drug of abuse test result, particularly when the preliminary result is positive.

The test may come with adulterant tests [specimen validity tests] of (Specific Gravity (S.G.), Oxidants (OX), pH, Creatinine (CR), Nitrite (NI) and Glutaraldehyde (GL)) for the determination of diluted or adulterated urine specimens.

For in vitro diagnostic use only

WHAT IS ONE-STEP DRUG OF ABUSE CUP TEST?

One-Step Drug of Abuse Cup Test is a rapid test for qualitative detection of D-Amphetamine 1000, D-Amphetamine 500, Benzoylecgonine 300, Benzoylecgonine 150, 11-nor-Δº-THC-9-COOH, Oxazepam, Methamphetamine 1000, Methamphetamine 500, Morphine 2000, Methadone, Oxycodone, Phencyclidine Propoxyphene, Butalbital, Buprenorphine, Morphine 300, 2-Ethylidene-1, 5-dimethyl-3, 3-dipheylpyrrolidine Methylenedoxymethamphetamine, and Nortriptyline in human urine. The One-Step Drug of Abuse Cup Test yields a positive result when drug and/or its metabolite in urine is at or exceeds its cutoff concentration.

WHAT IS THE CUT-OFF VALUE AND APPROXIMATE DETECTION TIME?

Drug (Identifier)	Cutoff Level	Minimum Detection Time	Maximum Detection Time
D-Amphetamine (AMP)	1000ng/mL	4-6 hours	2-3 days
D-Amphetamine (AMP 500)	500ng/mL	4-6 hours	2-3 days
Benzoylecgonine (COC)	300ng/mL	2-6 hours	2-3 days
Benzoylecgonine (COC 150)	150ng/mL	2-6 hours	2-3 days
11-nor-Δ ⁹ -THC-9-COOH (THC)	50ng/mL	1-3 hours	1-7 days
Oxazepam (BZO)	300ng/mL	2-7 hours	1-4 days
Methamphetamine (mAMP)	1000ng/mL	4-6 hours	2-3 days
Methamphetamine (mAMP 500)	500ng/mL	4-6 hours	2-3 days
Morphine (OPI)	2000ng/mL	2-6 hours	1-3 days
Methadone (MTD)	300ng/mL	3-8 hours	1-3 days
Oxycodone (OXY)	100ng/mL	1-3 hours	1-2 days
Phencyclidine (PCP)	25ng/mL	4-6 hours	7-14 days
Propoxyphene (PPX)	300ng/mL	6-12 hours	1-3 days
Butalbital (BARB)	300ng/mL	2-4 hours	1-3 weeks
Buprenorphine (BUP)	10ng/mL	2-6 hours	2-4 days
Morphine (MOR)	300ng/mL	2-6 hours	1-3 days
2-Ethylidene-1,5-dimethyl-3,3- diphenylpyrrolidine (EDDP)	300ng/mL	3-8 hours	1-3 days
Methylenedioxymethamphetamine (MDMA)	500ng/mL	2-7 hours	2-4 days
Nortriptyline (TCA)	1,000ng/mL	8-12 hours	2-7 days
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PRINCIPLE

The One-Step Drug of Abuse Cup Test is an immunoassay. During testing, a urine specimen migrates upward on the test strip. A drug-positive urine specimen will not generate a colored line in the specific test line region of the Strip, while a drug-negative urine specimen will generate a line in the test line region. A colored line will always appear at the control line region, indicating that proper volume of specimen has been added

ADULTERATION SUMMARY AND EXPLANATION OF THE TEST

The adulterant test strip contains chemically treated reagent pads. Observation of the color change on the strip compared to the color chart provides a semi-auantitative screen for oxidants, specific gravity, pH. creatinine, nitrite and glutaraldehyde in human urine which can help to assess the integrity of the urine specimen

Adulteration is the tampering of a urine specimen with the intention of altering the test results. The use of adulterants in the urine specimen can cause false negative results by either interfering with the test and/or destroying the drugs present in the unine. Dilution may also be used to produce false negative drug test results. Tests that detect uninary characteristics such as specific gravity, pH, oxidants, nitrite, glutaraidehyde and creatinine are considered the best ways to detect adulteration or dilution.

- Oxidants (OX): Tests for the presence of oxidizing agents such as bleach and peroxide in the urine.
 Specific Gravity (S.G.): Tests for sample dilution. Normal levels for specific gravity will range from 1.003 to 1.030. Specific gravity levels of less than 1.003 or higher than 1.030 may be an indication of adulteration or specimen dilution.
- pH: Tests for the presence of acidic or alkaline adulterants in urine. Normal pH levels should be in the range of 4.0 to 9.0. Values below pH 4.0 or above pH 9.0 may indicate the sample has been altered. Nitrite (NIT): Tests for commercial adulterants such as Klear and Whizzies. Normal urine specimens
- should contain no trace of nitrite. Positive results for nitrite usually indicate the presence of an adulterant. Glutaraldehyde (GLU): Tests for the presence of an aldehyde. Glutaraldehyde is not normally found in a
- urine specimen. Detection of glutaraldehyde in a specimen is generally an indicator of adulteration. -Creatinine (CRE): Creatinine is one way to check for dilution and flushing, which are the most common mechanisms used in an attempt to circumvent drug testing. Low creatinine may indicate dilute urine.

WARNINGS AND PRECAUTIONS

- For in vitro diagnostic use For external use only.
- For single use. Discard after first use.
- Do not use the test if the pouch is punctured or not well sealed.
- Do not use after expiration date.
- Keep out of the reach of children.
- The used test cup and urine specimen should be discarded according to federal, state and local regulations

CONTENT OF THE PACKAGE

- Included in package: - User Instruction
- Test Cup (inside foil pouch)
- Security Seal Label
- Color Chart Card for Adulterants Interpretation (when applicable)

Not included in package -Watch, Timer or Clock

STORAGE AND STABILITY

Store as packaged in the sealed pouch at 39°F - 86°F (4°C - 30°C). The test is stable through the expiration date printed on the sealed pouch. The test cup must remain in the sealed pouch until use. Keep away from direct sunlight, moisture and heat. DO NOT FREEZE. Do not use beyond the expiration date.

WHEN TO COLLECT URINE FOR THE TEST?

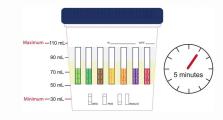
Urine from any time of day can be used. The minimum detection time varies for different drugs. (Refer to the approximate detection timetable)

HOW TO COLLECT URINE?

- When you are ready to begin, remove the test cup from the sealed foil pouch. Peel back and remove the label from the test cup to show the drug test strips. Notice the colored tape on each strip correlates to the name of the drug you are testing for.
- Remove the cap from the test cup. Fill the test cup with a minimum of 30 mL (see the minimum line 2 mark) fresh urine sample. Do not over-fill (the maximum-line mark).
- 3 When finished, recap the test cup (be sure to tighten firmly) and place the test cup on a flat surface. Be sure NOT to tilt or flip it over

HOW TO DO THE TEST?

After filling the test cup with a fresh urine sample, wait for 5 minutes (start timing immediately after sample is collected) and read the results. DO NOT read results after 5 minutes.



Note: Results after more than 5 minutes may be not accurate and should not be read.

READING THE RESULTS

Preliminary positive (+) If a line appears in the C - Control area but NO line appears in the T - Drug Test area, then it indicates a Preliminary Positive result for the corresponding drug.

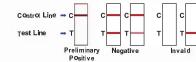
Negative(-)

If a line appears in both the C - Control and T - Drug Test area, then it indicates a Negative result for the corresponding drug regardless of how dark or light the line may appear.

Invalid

If at 5 minutes, NO line appears in the C - Control area, then the results are Invalid.

Note: Each test strip needs to be looked at individually. Each line may vary in color and darkness or the rate at which the line appears. (DO NOT compare lines within the same test strip or between different test



A positive test result does not always mean a person took illegal drugs and a negative test result does not always mean a person did not take illegal drugs. There are a number of factors that influence the reliability of drug tests. Certain drugs of abuse tests are more accurate than others.

IMPORTANT: The result you obtained is called preliminary for a reason. The sample must be tested by laboratory in order to determine if a drug of abuse is actually present.

WHAT IS A FALSE POSITIVE TEST?

The definition of a false positive test would be an instance where the test result from the One-Step Drug of Abuse Cup Test is positive, even though the initial target drug is not present in the sample. The most common causes of a false positive test are cross reactants. Certain foods and medicines, diet plan drugs and nutritional supplements may also cause a false positive test result with this product.

WHAT IS A FALSE NEGATIVE TEST?

The definition of a false negative test is that the initial target drug is present but is not detected by One-Step Drug of Abuse Cup Test. If the sample is diluted, or if the sample is tainted or contaminated with a substance this could cause false negative results

READING THE ADULTERANT RESULTS

(Please refer to the color chart card)

Semi-quantitative results are obtained by visually comparing the reacted color blocks on the strip to the printed color indicator on the color chart. No instrumentation is required

TEST LIMITATIONS

- 1. The One-Step Drug of Abuse Cup Test provides only a qualitative, preliminary analytical result. A secondary analytical method must be use to obtain a confirmed result. Gas chromatography/mass spectrometry (GC/MS) is the preferred confirmatory method
- There is a possibility that interfering substances in the urine specimen may cause erroneous results. Substances, such as bleach and/or alum, in urine specimens may produce erroneous results.
- A positive result does not indicate intoxication, the concentration of drug in the urine, or the route of 4 drug administration
- 5. A negative result may not necessarily indicate drug-free urine. Negative results can be obtained when drug is present but below the cutoff level of the test.
- Test does not distinguish between drugs of abuse and certain medications. A positive test result may be obtained from certain foods or food supplements

ADULTERANT TESTS (SPECIMEN VALIDITY TESTS) LIMITATIONS

- The adulterant tests included with the product are meant to aid in the determination of abnorma specimens but may not cover all the possible adulterants.
- Oxidants: Normal human urine should not contain oxidants. The presence of high level of antioxidants in the specimen, such as ascorbic acid, may result in false negative results for the oxidants pad
- Specific Gravity: Elevated levels of protein in urine may cause abnormally high specific gravity values. Nitrite: Nitrite is not a normal component of human urine. However, nitrite found in urine may indicate urinary tract infections or bacterial infections. Nitrite levels of > 20mg/dL may produce false positive glutaraldehyde results.
- Glutaraldehyde: Glutaraldehyde is normally not found in a urine specimen. However, certain metabolic abnormalities such as ketoacidosis (fasting, uncontrolled diabetes or high-protein diets) may interfere with the test results.
- 6 Creatinine: Creatinine tests for the specimen for dilution and flushing. Normal creatinine levels are between 20 and 350mo/dL. Under rare conditions, certain kidney diseases may show diute urine.

QUALITY CONTROL

If you work in a laboratory, you should perform quality control testing and you should read this section. A procedural control is included in the test. A color line appearing in the control region (C) is considering an internal procedural control. It confirms sufficient specimen volume, adequate membrane wicking and correct procedural technique.

Control standards are not supplied with this kit. However, it is recommended that positive and negative controls be tested as good laboratory practice to confirm the test procedure and to verify proper test performance. Quality control testing should be done with each new lot and each new shipment. It should be done every thirty days to check storage. Please contact our Technical Support at 1-626-443-8480 for controls that work with the test cup

PERFORMANCE CHARACTERISTICS

Eighty clinical urine specimens were analyzed by GC/MS and by the One-Step Drug of Abuse Cup Test. Each test was read by three viewers. Samples were divided by concentration into five categories: drug-free, less than half the cutoff, near cutoff negative, near cutoff positive, and high positive. Results were as follows

Accuracy - D-Amphetamine 1000

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among positives is 97.5% % agreement among negatives is 97.5%

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WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	12	26
Negative	10	10	19	2	0

% agreement among negatives is 97.5%

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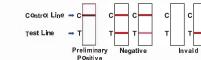
WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for D-Amphetamine 1000 The average positive agreement is 96.7% The average negative agreement is 98.3%

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Accuracy - D-Amphetamine 500

Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Outoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

Viewer B:

Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among negatives is 97.5%

Viewer C:

Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Outoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	14	26
Negative	10	10	19	0	0

% agreement among positives is 100% % agreement among negatives is 97.5%

From the results of the above tables, the total results are shown as below for D-Amphetamine 500: The average positive agreement is 98.3%. The average negative agreement is 98.3%.

Accuracy – Benzoylecgonine 300 Viewer A:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Outoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Qutoff Concentration)
Positive	0	0	1	12	26
Negative	10	10	19	2	0

% agreement among positives is 95% % agreement among negatives is 97.5%

Viewer B:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Qutoff Concentration)
Positive	0	0	0	12	26
Negative	10	10	20	2	0

% agreement among positives is 95% % agreement among negatives is 100%

Viewer C:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among positives is 97.5% % agreement among negatives is 97.5%

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From the results of the above tables, the total results are shown as below for Benzoylecgonine 300. The average positive agreement is 95.8%. The average negative agreement is 98.3%.

Accuracy - Benzoylecgonine 150

Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Qutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	14	26
Negative	10	10	19	0	0

% agreement among negatives is 97.5%

Viewer B:

Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Outoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among negatives is 97.5%

Viewer C:					
Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Outoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0
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% agreement among positives is 97.5% % agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for Benzoylecgonine 150: The average positive agreement is 98.3%. The average negative agreement is 98.3%.

Accuracy - 11-nor-Δ⁹-THC-9-COOH Viewer A

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Outoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	14	26
Negative	10	10	19	0	0

% agreement among negatives is 97.5%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Outoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	14	26
Negative	10	10	20	0	0

% agreement among positives is 100% % agreement among negatives is 100%

Viewer C:					
WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Outoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	14	26
Negative	10	10	19	0	0
% agreeme	nt among pr	sitives is 97.5%			

% agreement among positives is 97.5% % agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for 11-nor- Δ° -THC-9-COOH: The average positive agreement is 99.2%. The average negative agreement is 99.2%.

Accuracy - Oxazepam

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	0	14	25
Negative	10	10	20	1 1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	0	14	25
Negative	10	10	20	1	0

% agreement among negatives is 100%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	25
Negative	10	10	20	2	0

% agreement among positives is 95% % agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for Oxazepam: The average positive agreement is 96.7%. The average negative agreement is 100%.

Accuracy-Methamphetamine 1000

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	0	18	21
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

Viewer B

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	18	21
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

Viewer C:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% bebw the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	17	21
Negative	10	10	20	2	0

% agreement among positives is 95% % agreement among negatives is 100.0%

From the results of the above tables, the total results are shown as below for Methamphetamine 1000: The average positive agreement is 96.7%. The average negative agreement is 100%.

Accuracy – Methamphetamine 500

Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Outoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Qutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among positives is 97.5% % agreement among negatives is 97.5%

Viewer B

Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Outoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Qutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among negatives is 100%

Viewer C:

Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Outoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Qutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among positives is 97.5% % agreement among negatives is 97.5%

From the results of the above tables, the total results are shown as below for Methamphetamine 500; The average positive agreement is 97.5%. The average negative agreement is 98.3%

Accuracy - Morphine 2000 Viewer A:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	15	24
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

Viewer B:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	15	24
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

Viewer C:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	0	15	24
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for Morphine 2000: The average positive agreement is 97.5%. The average negative agreement is 100%.

Accuracy - Methadone

viewer A:					
WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Qutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	13	26
Negative	10	10	19	1	0
% agreeme	nt among po	ositives is 97.5%			

% agreement among negatives is 97.5%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among negatives is 97.5%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Qutoff Positive (Between the Qutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	12	26
Negative	10	10	19	2	0

% agreement among positives is 95% % agreement among negatives is 97.5%

From the results of the above tables, the total results are shown as below for Methadone: The average positive agreement is 96.7%. The average negative agreement is 97.5%

Accuracy - Oxycodone Viewer A:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Outoff Positive (Between the Outoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	12	26
Negative	10	10	19	2	0

% agreement among negatives is 97.5%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Qutoff Positive (Between the Qutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	2	13	26
Negative	10	10	18	1	0

% agreement among negatives is 95%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Outoff Positive (Between the Outoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	12	26
Negative	10	10	20	2	0

% agreement among positives is 95% % agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for Oxycodone The average positive agreement is 95.8%. The average negative agreement is 97.5%.

Accuracy - Phencyclidine Viewer A

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	2	13	26
Negative	10	10	18	5 1	0

% agreement among positives is 97.5% % agreement among negatives is 95%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	12	26
Negative	10	10	20	2	0

% agreement among negatives is 100%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	3 1 3	0

% agreement among positives is 97.5% % agreement among negatives is100 %

From the results of the above tables, the total results are shown as below for Phencyclidine: The average positive agreement is 96.7%. The average negative agreement is 98.3%.

Accuracy - Propoxyphene Viewer A:

WHPM Result	Drug-free	Less than half the cutoff Concentration by GC/MS analysis	Near cutoff negative (Between 50% bebw the cutoff and the cutoff concentration)	Near cutoff positive (Between the cutoff and 50% above the cutoff concentration)	above the cutoff
Positive	0	0	0	19	20
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is100%

Viewer B:

WHPM Result	Drug-free	Less than half the cutoff Concentration by GC/MS analysis	Near cutoff negative (Between 50% below the cutoff and the cutoff concentration)	Near cutoff positive (Between the cutoff and 50% above the cutoff concentration)	above the cutoff
Positive	0	0	1	20	20
Negative	10	10	19	0	0

% agreement among positives is 100% % agreement among negatives is 97.5%

ViewerC:

WHPM Result	Drug-free	Less than half the cutoff Concentration by GC/MS analysis	Near cutoff negative (Between 50% bebw the cutoff and the cutoff concentration)	Retween the cutoff	above the cutoff
Positive	0	0	1	20	20
Negative	10	10	19	0	0

% agreement among positives is 100% % agreement among negatives is 97.5%

From the results of the above tables, the total results are shown as below for Propoxyphene: The average positive agreement is 99.2%. The average negative agreement is 98.3 %.



Viewer B:

Accuracy - Buprenorphine

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Outoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Qutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

Viewer B

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among negatives is 97.5%

Viewer C:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Qutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among positives is 97.5% % agreement among negatives is 97.5%

From the results of the above tables, the total results are shown as below for Buprenorphine: The average positive agreement is 97.5%. The average negative agreement is 98.3%.

Accuracy - Butalbital

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

Viewer B:

Viewer C:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0
-					

% agreement among positives is 97.5% % agreement among negatives is 100%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreementamong positives is 97.5% % agreement among negatives is 97.5%

From the results of the above tables, the total results are shown as below for Butalbital-The average positive agreement is 97.5%. The average negative agreement is 99.2%.

Accuracy - Morphine 300

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among negatives is 97.5%

ViewerC

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Qutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among negatives is 100%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	14	26
Negative	10	10	20	0	0

% agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for Morphine 300: The average positive agreement is 98.3%. The average negative agreement is 99.2%.

Accuracy - Methylenedioxymethamphetamine

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% bebw the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	14	26
Negative	10	10	19	0	0

% agreement among positives is 100% % agreement among negatives is 97.5%

Viewer B WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% bebw the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

Manuar C.

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	14	26
Negative	10	10	19	0	0

% agreement among negatives is 97.5%

From the results of the above tables, the total results are shown as below for Methylenedioxymethamphetamine: The average positive agreement is 99.2%. The average negative agreement is 98.3%.

Accuracy - Nortriptyline Viewer A

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50%) above the Cutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among positives is 97.5% % agreement among negatives is 97.5%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	14	26
Negative	10	10	19	0	0

% agreement among negatives is 97.5%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among positives is 97.5% % agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for Nortriptyline: The average positive agreement is 98.3%. The average negative agreement is 98.3%.

Accuracy - 2-Ethylidene-1,5-Dimethyl-3,3-Diphenylpyrrolidine

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among positives is 97.5% % agreement among negatives is 97.5%

Viewer	B.	

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	0	13	26
Negative	10	10	20	1	0

% agreement among negatives is 100%

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis	Near Cutoff Negative (Between 50% below the Cutoff and the Cutoff Concentration)	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	High Positive (Greater Than 50% above the Cutoff Concentration)
Positive	0	0	1	13	26
Negative	10	10	19	1	0

% agreement among positives is 97.5% % agreement among negatives is 97.5%

From the results of the above tables, the total results are shown as below for 2-Ethylidene-1,5-Dimethyl-3,3-Diphenylpyrrolidine: The average positive agreement is 97.5%.

The average negative agreement is 98.3%.

Precision and Sensitivity - D-Amphetamine 1000 Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	2/48
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

1.0

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	3/47
1250	50	0/50
1500	50	0/50
1750	50	0/50
20.00	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	1/49
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

Precision and Sensitivity - D-Amphetamine 500

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	3/47
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	2/48
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 3

PN:Y0311 49905

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	2/48
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Precision and Sensitivity - Benzoylecgonine 150

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
37.5	50	50/0
75	50	50/0
112.5	50	50/0
150	50	3/47
187.5	50	0/50
225	50	0/50
262.5	50	0/50
300	50	0/50

Precision and Sensitivity - Oxazepam Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
37.5	50	50/0
75	50	50/0
112.5	50	50/0
150	50	3/47
187.5	50	0/50
225	50	0/50
262.5	50	0/50
300	50	0/50

Lot 3

Lot 2

50/0 50/0
50/0
50/0
50/0
3/47
0/50
0/50
0/50
0/50

Precision and Sensitivity – Benzoylecgonine 300

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Lot 2 Approximate Concentration of Sample (ng/mL) Number of Determinations Results Negative/Positive 50 50/0 75 50 50/0 150 50 50/0 225 50 50/0 300 50 2/48 375 50 0/50 450 0/50 50 525 50 0/50 600 50 0/50

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Lot 2

Number of Determinations	Results Negative/Positive
50	50/0
50	50/0
50	50/0
50	50/0
50	3/47
50	0/50
50	0/50
50	0/50
50	0/50
	50 50 50 50 50 50 50 50 50 50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	4/46
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Precision and Sensitivity – Methamphetamine 1000

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	3/47
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

Lot 2 Approximate Concentration of Sample (ng/mL) Number of Determinations Results Negative/Positive 50 50/0 0 250 50 50/0 500 50 50/0 750 50 50/0 1000 50 2/48 1250 50 0/50 1500 50 0/50 1750 50 0/50 2000 50 0/50

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	3/47
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

Precision and Sensitivity - Methamphetamine 500 Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	2/48
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	3/47
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 3

Approximate Concentration of Sample (no/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	2/48
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Precision and Sensitivity - Morphine 2000

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
500	50	50/0
1000	50	50/0
1500	50	50/0
2000	50	2/48
2500	50	0/50
3000	50	0/50
3500	50	0/50
4000	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
500	50	50/0
1000	50	50/0
1500	50	50/0
2000	50	3/47
2500	50	0/50
3000	50	0/50
3500	50	0/50
4000	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
500	50	50/0
1000	50	50/0
1500	50	50/0
2000	50	3/47
2500	50	0/50
3000	50	0/50
3500	50	0/50
4000	50	0/50

Precision and Sensitivity - Methadone Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Precision and Sensitivity - Phencyclidine Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
6.3	50	50/0
12.5	50	50/0
18.8	50	50/0
25	50	3/47
31.3	50	0/50
37.5	50	0/50
43.8	50	0/50
50	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Precision and Sensitivity - Oxycodone

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
25	50	50/0
50	50	50/0
75	50	50/0
100	50	3/47
125	50	0/50
150	50	0/50
175	50	0/50
200	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
25	50	50/0
50	50	50/0
75	50	50/0
100	50	3/47
125	50	0/50
150	50	0/50
175	50	0/50
200	50	0/50

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
25	50	50/0
50	50	50/0
75	50	50/0
100	50	2/48
125	50	0/50
150	50	0/50
175	50	0/50
200	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
6.3	50	50/0
12.5	50	50/0
18.8	50	50/0
25	50	3/47
31.3	50	0/50
37.5	50	0/50
43.8	50	0/50
50	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
6.3	50	50/0
12.5	50	50/0
18.8	50	50/0
25	50	3/47
31.3	50	0/50
37.5	50	0/50
43.8	50	0/50
50	50	0/50

Precision and Sensitivity - Propoxyphene

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	2/48
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	2/48
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Precision and Sensitivity - Buprenorphine Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
2.5	50	50/0
5	50	50/0
7.5	50	50/0
10	50	3/47
12.5	50	0/50
15	50	0/50
17.5	50	0/50
20	50	0/50

Lot 2

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/ Positive
0	50	50/0
2.5	50	50/0
5	50	50/0
7.5	50	50/0
10	50	2/48
12.5	50	0/50
15	50	0/50
17.5	50	0/50
20	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
2.5	50	50/0
5	50	50/0
7.5	50	50/0
10	50	3/47
12.5	50	0/50
15	50	0/50
17.5	50	0/50
20	50	0/50

Precision and Sensitivity - Butalbital

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Precision and Sensitivity - Morphine 300 Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	2/48
375	50	0/50
450	50	0/50
525	50	0/50
60.0	50	0/50

Precision and Sensitivity - Nortriptyline Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	2/48
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
60.0	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	2/48
375	50	0/50
450	50	0/50
525	50	0/50
60.0	50	0/50

Precision and Sensitivity - Methylenedioxymethamphetamine

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	3/47
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	2/48
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	2/48
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	3/47
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	3/47
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

Precision and Sensitivity - 11-nor-Δ⁹-THC-9-COOH Lot 1

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
12.5	50	50/0
25	50	50/0
37.5	50	50/0
50	50	2/48
62.5	50	0/50
75	50	0/50
87.5	50	0/50
100	50	0/50

Lot 2 Approximate Concentration of Sample (ng/mL) Number of Determinations Results Negative/Positive 50/0 50 12.5 50 50/0 25 50 50/0 37.5 50 50/0 50 50 1/49 62.5 50 0/50 75 50 0/50 87.5 50 0/50 100 50 0/50

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
12.5	50	50/0
25	50	50/0
37.5	50	50/0
50	50	2/48
62.5	50	0/50
75	50	0/50
87.5	50	0/50
100	50	0/50

Precision and Sensitivity - 2-Ethylidene-1,5-Dimethyl-3,3-Diphenylpyrrolidine

Number of Determinations	Results Negative/Positive
50	50/0
50	50/0
50	50/0
50	50/0
50	2/48
50	0/50
50	0/50
50	0/50
50	0/50
	50 50 50 50 50 50 50 50 50 50

1 0+ 2

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	2/48
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

Lot 3

Approximate Concentration of Sample (ng/mL)	Number of Determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

SPECIFICITY AND CROSS REACTIVITY To test the specificity of the test, the lest device was used to test Amphetamine 1000, Amphetamine 500, Cocaine 300, Cocaine 150, Marijuana, Benzodiazepine, Methamphetamine 1000, Methamphetamine 500, Opiates 2000, Methadone, Phencyclidine, Oxycodane, Barbiturate, Buprenorphine, Opiates 300, 2-Ethylidene-1, 5-Dimethyl-3, 3-Diphenylpyrrolidine, Propoxyphene, Methylenedioxy- methamphetamine, Tricyclc Antidepressants, drug metabolites and ather components of the same class that are likely to be present in urine. All the components were added to drug-free normal human urine. The following structurally related compounds produced positive results with the test when tested at levels equal to or greater than the concentrations listed below: below.

Amphetamine 1000	Result	
(D-Amphetamine, Cutoff= 1000ng/mL)	Positive at 1000ng/mL	
L-Amphetamine	Positive at 100000 ng/mL	
DL-Amphetamine	Positive at 500ng/mL	
(+/-)-3,4-Methylenedioxyamphetamine (MDA)	Positive at 1300ng/mL	
Phentermine	Positive at 100000 ng/mL	
Apomarphine	Positive at 50000ng/mL	
β-Phenylethylamine	Positive at 25000ng/mL	
Tyramine	Positive at 10000ng/mL	
Tryptamine	Positive at 25000 ng/mL	
D-Methamphetamine	>100000	
L-Methamphetamine	>100000	
Ephedrine	>100000	
3,4-Methylenedioxyethylamphetamine (MDE)	>100000	

Amphetamine 500	Result
(D-Amphetamine, Cutoff= 500 ng/mL)	Positive at 500ng/mL
L-Amphetamine	Positive at 60000ng/mL
DL-Amphetamine	Positive at 1000ng/mL
Methylenedioxyamphetamine (MDA)	Positive at 600ng/mL
R-(-)-Apomorphine	Positive at 13000ng/mL
β-Phenylethylamine	Positive at 8000ng/mL
Tyramine	Positive at 5000ng/mL
Tryptamine	Positive at 100000ng/mL
Hydroxyamphetamine	Positive at 600ng/mL
D-Pseudoephedrine	·
D-Methamphetamine	Negative at ≤ 10 ⁵ ng/mL
	Negative at ≤ 10 ⁵ ng/mL Negative at ≤ 10 ⁵ ng/mL
L-Methamphetamine	
(±)-Methamphetamine	Negative at ≤ 10 ⁶ ng/mL
Ephedrine	Negative at ≤10 ⁵ ng/mL
3,4-Methylenedioxy-N-ethylamphetamine (MDE)	Negative at ≤ 10 ^s ng/mL
3,4—Methylenediαxymethamphetamine (MDMA)	Negative at ≤ 10⁵ ng/mL
Phentermine	Negative at ≤ 10⁵ ng/mL
Capacina 200	Beaulé
Cocaine 300	Result
(Benzoylecgonine, Cutoff= 300ng/mL)	Positive at 300 ng/mL
Cocaine Hydrochloride	Positive at 500 ng/mL
Cocaethylene	>100000
Ecgonine	>100000
Capacina 450	Beaulé
Cocaine 150	Result
(Benzoylecgonine, Cutoff = 150ng/mL)	Positive at 150 ng/mL
Cocaine Hydrochloride	Positive at 3000ng/mL
Norcocaine	Negative at ≤ 10 ^s ng/mL
Cocaethylene	Negative at ≤ 10 ⁵ ng/mL
Ecgonine	Negative at ≤ 10 ⁵ ng/mL
Marijuana	Result
(11-nor-Δ ⁹ -THC-9-COOH, Cutoff = 50ng/mL)	Positive at 50ng/mL
11-hydroxy-Δ ⁹ -Tetrahydrocannabinol	Positive at 15000ng/mL
∆ ⁸ -Tetrahydrocannabinol	Positive at 8000 ng/mL
	Positive at 8000ng/mL Positive at 7000ng/mL
Δ ⁸ -Tetrahydrocannabinol Δ ⁸ -Tetrahydrocannabinol Cannabinol	Positive at 7000ng/mL
Δ ⁹ -Tetrahydrocannabinol Cannabinol	Positive at 7000ng/mL >200000
∆ ⁹ -Tetrahydrocannabinol	Positive at 7000ng/mL
∆®-Tetrahydrocannabinol Cannabinol Cannabidiol	Positive at 7000ng/mL >200000 >200000
∆®-Tetrahydrocannabinol Cannabinol Cannabidiol Benzodiazepine	Positive at 7000ng/mL >200000 >200000 Result
∆ ⁰ -Tetrahydrocannabinol Cannabinol Cannabidiol Benzodiazepine (Oxazepam, Cutoff= 300ng/mL)	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL
A ^s -Tetrahy drocannabinol Cannabinol Cannabidiol Benzodiazepine Oxazepam, Cutoff= 300ng/mL) Alprazolam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL
∆ ⁰ -Tetrahydrocannabinol Cannabinol Cannabidiol Benzodiazepine (Oxazepam, Cutoff= 300ng/mL) Alprazolam a-Hydroxyalprazolam	Positive at 7000ng/mL >200000 >200000 Positive at 300ng/mL Positive at 125ng/mL Positive at 2500ng/mL
A [®] -Tetrahydrocannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff= 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL
A [®] -Tetrahydrocannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff= 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam	Positive at 1500ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 1565ng/mL
A ^o -Tetrahydrocannabinol Cannabinol Benzodiazepine Oxazepam, Cutoff= 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam Chlordiazepoxide	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL
A ^o -Tetrahydrocannabinol Cannabinol Cannabidiol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam J-Hydroxyalprazolam Bromazepam Chlordiazepoxide Clobazam	Positive at 1500ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 1565ng/mL
A ^s -Tetrahy drocannabinol Cannabinol Cannabidiol Benzodiazepine Oxazepam, Cutoff= 300ng/mL) Alprazolam 1-Hydroxyalprazolam Bromazepam Chlordiazepoxide Cobazam Clonazepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1250ng/mL Positive at 1560ng/mL Positive at 1560ng/mL Positive at 65ng/mL
A®-Tetrahydrocannabinol Cannabinol Benzodiazepine Oxazepam, Cutoff= 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam Chlordiazepoxide Clobazepam Clorazepam Clorazepate Dipotassium	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 1565ng/mL Positive at 1565ng/mL Positive at 656ng/mL Positive at 656ng/mL Positive at 656ng/mL Positive at 10000ng/mL
A®-Tetrahydrocannabinol Cannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff= 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam Chlordiazepoxide Clobazem Clonazepam Clorazepate Dipotassium Delsrazepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1560ng/mL Positive at 1560ng/mL Positive at 1560ng/mL Positive at 1560ng/mL Positive at 1500ng/mL Positive at 1500ng/mL Positive at 10000ng/mL Positive at 195ng/mL
1 ^e -Tetrahydrocannabinol Cannabinol Cannabidiol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam I-Hydr oxyalprazolam Bromazepam Chordiazepaxide Clobazam Clonazepam Clorazepate Dipotassium Desalkylflurazepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 1560ng/mL
1 th -Tetrahy drocann abinol Cannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam I-Hydroxyalprazolam Bromazepam Chordiazepam Clonazepam Clonazepam Diorazepam Debrazepam Debrazepam Debrazepam Diazepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 2500ng/mL Positive at 1560ng/mL
A®-Tetrahydrocannabinol Cannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam Chlordiazepoxide Clobazepam Clordiazepoxide Clobazepam Clorazepate Dipotassium Delsrazepam Des alkyftkrazepam Diazepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL
A ^o -Tetrahydrocannabinol Cannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam Chlordiazepoxide Clobazen Clonazepam Clorazepate Dipotassium Delsrazepam Desakylflurazepam Diazepam Elsazolam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 195ng/mL Positive at 195ng/mL Positive at 195ng/mL Positive at 195ng/mL Positive at 165ng/mL
1 th -Tetrahydrocannabinol Cannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Nprazolam I-Hydroxyalprazolam Bromazepam Clordiazepoxide Clobazam Clorazepate Dipotassium Desakylflurazepam Desakylflurazepam Sazepan Estazolam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 560ng/mL Positive at 10000ng/mL Positive at 10000ng/mL Positive at 10000ng/mL Positive at 1560ng/mL Positive at 6500ng/mL
1 th -Tetrahydrocannabinol Cannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam I-Hydroxyalprazolam Bromazepam Chordiazepam Clonazepam Clonazepate Dipotassium Debrazepam Debrazepam Debrazepam Selazolam Flunitrazepam Stazolam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 1565ng/mL Positive at 1565ng/mL Positive at 1560ng/mL Positive at 1565ng/mL Positive at 1655ng/mL Positive at 6500ng/mL Positive at 3000ng/mL
N [®] -Tetrahydrocannabinol Cannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Nprazolam 1-Hydroxyalprazolam Sromazepam Chlordiazepoxide Clobazen Clonazepam Clonazepam Clonazepam Clorazepet Dipotassium Debrazepam Desalkyffurazepam Diazepam Estazolam Vitrazepam Vidrazolam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 1565ng/mL Positive at 1560ng/mL Positive at 1565ng/mL Positive at 1565ng/mL Positive at 155ng/mL Positive at 165ng/mL Positive at 165ng/mL Positive at 165ng/mL Positive at 300ng/mL Positive at 300ng/mL Positive at 300ng/mL Positive at 300ng/mL
A®-Tetrahydrocannabinol Cannabinol Cannabinol Benzodiazepine Oxazepam, Cutoff= 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam Chlordiazepoxide Clobazen Clonazepam Clorazepate Dipotassium Delsrazepam Delsrazepam Selazolam Elsazolam Flunitrazepam Selazolam Flunitrazepam Midazolam Nitrazepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 165ng/mL Positive at 650ng/mL Positive at 250ng/mL Positive at 250ng/mL Positive at 250ng/mL Positive at 400ng/mL
A®-Tetrahydrocannabinol Cannabinol Cannabinol Cannabidiol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam I-Hydroxyalprazolam Bromazepam Clordazepaxide Clobazam Clorazepate Dipotassium Desalkylflurazepam Desalkylflurazepam Desalkylflurazepam Estazolam Funitrazepam Midazolam Nitrazepam Norchordiazepoxide Nordhozepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 10000ng/mL Positive at 10000ng/mL Positive at 10000ng/mL Positive at 1560ng/mL Positive at 300ng/mL Positive at 300ng/mL Positive at 300ng/mL Positive at 400ng/mL Positive at 400ng/mL Positive at 400ng/mL
A®-Tetrahydrocannabinol Cannabinol Cannabinol Cannabidol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam I-Hydroxyalprazolam Bromazepam Clordazepam Clordazepax Clordazepate Dipotassium Desakyfifurazepam Desakyfifurazepam Diazepam Estazolam Flunitrazepam Midrazolam Nitrazepam Norchiordiazepoxide Nardiazepam Triazolam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1560ng/mL Positive at 1560ng/mL Positive at 1560ng/mL Positive at 1500ng/mL Positive at 150ng/mL Positive at 155ng/mL Positive at 155ng/mL Positive at 165ng/mL Positive at 165ng/mL Positive at 165ng/mL Positive at 250ng/mL Positive at 400ng/mL Positive at 400ng/mL Positive at 400ng/mL Positive at 400ng/mL Positive at 2500 ng/mL
A [®] -Tetrahydrocannabinol Cannabinol Cannabinol Benzodiazepine Oxazepam, Cutoff = 300ng/mL) Alprazolam a-Hydroxyalprazolam Bromazepam Chlordiazepoxide Clobazep Clobazepam Clorazepate Dipotassium Debrazepam Clorazepate Dipotassium Des alkyftlirazepam Diazepam Sitazolam Wirazepam Nirazepam Norchbrdiazepoxide Norchbrdiazepoxide Norchbrdiazepam Temazepam	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 165ng/mL Positive at 100ng/mL Positive at 250ng/mL Positive at 200ng/mL Positive at 100ng/mL Positive at 2500 ng/mL Positive at 2500 ng/mL
∆®-Tetrahydrocannabinol Cannabinol Cannabidiol Benzodiazepine	Positive at 7000ng/mL >200000 >200000 Result Positive at 300ng/mL Positive at 125ng/mL Positive at 1565ng/mL Positive at 1565ng/mL Positive at 1565ng/mL Positive at 1560ng/mL Positive at 1560ng/mL Positive at 1500ng/mL Positive at 1560ng/mL Positive at 1560ng/mL Positive at 156ng/mL Positive at 156ng/mL Positive at 165ng/mL Positive at 165ng/mL Positive at 165ng/mL Positive at 300ng/mL Positive at 300ng/mL Positive at 400ng/mL Positive at 400ng/mL Positive at 400ng/mL Positive at 250ng/mL Positive at 250ng/mL

Methamphetamine 1000	Result
(D-Methamphetamine, Cutoff= 1000ng/mL)	Positive at 1000ng/mL
(+/-)-3,4-Methylenediαxy-n-ethylamphetam ine (MDEA)	Positive at 41600ng/mL
DL-Methamphetamine	Positive at 1000 ng/mL
p-Hydroxymethamphetamine	Positive at 27000ng/mL
(+/-)-3,4-Methylenedioxymethamphetamine (MDMA)	Positive at 8000ng/mL
L-Methamphetamine	Positive at 10000ng/mL
Trimethobenzamide	Negative at ≤ 10 ⁵ ng/mL
Chloroquine	Negative at ≤ 10 ⁵ ng/mL
Ephedrine	Negative at ≤ 10 ⁵ ng/mL
Fenfluramine	Negative at ≤ 10 ⁵ ng/mL
Procaine (Novocaine)	Negative at ≤ 10 ⁵ ng/mL
Ranitidine (Zantac)	Negative at ≤ 10 ⁵ ng/mL
D-Amphetamine	Negative at ≤ 10 ⁵ ng/mL
L-Amphetamine	Negative at ≤ 10 ⁵ ng/mL
Benzodiazepine	Negative at ≤ 10 ⁵ ng/mL
Morphine	Negative at ≤ 10 ⁵ ng/mL
Methamphetamine 500	Result
(D-Methamphetamine, Cutoff= 500 ng/mL)	Positive at 500ng/mL
(\pm) 3,4-Methylenedioxy-n-ethylamphetamine (MDEA)	Positive at 20000ng/mL
(±)-Methamphetamine	Positive at 1000ng/mL
p-Hydroxymethamphetamine	Positive at 16000ng/mL
(±)3,4-MDMA	Positive at 2000ng/mL
L-Methamphetamine	Positive at 5000ng/mL
Fenfluramine	Positive at 40000ng/mL
L-Amphetamine	Positive at 60000ng/mL
D-Pseudoephedrine	Negative at ≤ 10 ⁵ ng/mL
Trimethobenzamide	Negative at ≤ 10 ⁵ ng/mL
Chloroquine	Negative at ≤ 10 ⁵ ng/mL
Ephedrine	Negative at ≤ 10 ⁵ ng/mL
Procaine (Novocaine)	Negative at ≤ 10 ⁵ ng/mL
Ranitidine (Zantac)	Negative at ≤ 10⁵ ng/mL
D-Amphetamine	Negative at ≤ 10 ⁵ ng/mL
Oxazepam	Negative at ≤ 10 ⁵ ng/mL
Morphine	Negative at ≤ 10 ⁵ ng/mL
(±) 3,4-MDA	Negative at ≤ 10 ⁵ ng/mL
Opiates 2000	Result
(Morphine, Cutoff = 2000ng/mL)	Positive at 2000ng/mL
Codeine	Positive at 1000ng/mL
Ethylmorphine	Positive at 560ng/mL
Hydrocodone	Positive at 5000ng/mL
Hydromorphone	Positive at 7315ng/mL
Levarphanol	Positive at 16000ng/mL
6-Monoacetylmorphine	Positive at 1000ng/mL
Morphine 3-β-D-Glucuronide	Positive at 1300ng/mL
Thebaine	Negative at ≤ 10 ^s ng/mL
Norcodeine	Negative at ≤ 10 ⁵ ng/mL
Normorphine	Negative at ≤ 10 ⁵ ng/mL
Oxycodone	Negative at ≤ 10 ^s ng/mL
Oxymorphone	Negative at ≤ 10 ⁵ ng/mL
Procaine	Negative at ≤ 10⁵ ng/mL
Oxazepam	Negative at ≤ 10 ⁵ ng/mL
Methamphetamine	Negative at ≤ 10 ⁵ ng/mL
Methadone	Result
(Methadone, Cutoff= 300ng/mL)	Positive at 300ng/mL
Levo-a-Acetvimethadol	Positive at 10000ng/ml
Levo-α-Acetylmethadol Alphamethadol	Positive at 10000ng/mL Negative at ≤ 10 ⁵ ng/mL
Alphamethadol	Negative at ≤ 10 ⁵ ng/mL

Oxycodone	Result	
(Oxycodone, Cutoff = 100ng/mL)	Positive at 100 ng/mL	
Dihydrocodeine	Positive at 50,000ng/mL	
Hydrocodone	Positive at 10,000ng/mL	
Heroin	Negative at ≤ 10 ⁵ ng/mL	
Morphine 3-β-D-Glucuroni de	Negative at ≤ 10 ⁵ ng/mL	
Codeine	Negative at ≤ 10⁵ ng/mL	
Hydromorphone	Negative at ≤ 10 ⁵ ng/mL	
Morphine	Negative at ≤ 10 ⁵ ng/mL	
Acetylmorphine	Negative at ≤ 10 ⁵ ng/mL	
Buprenorphine	Negative at ≤ 10 ⁵ ng/mL	
Ethylmorphine	Negative at ≤ 10 ⁵ ng/mL	
Phencyclidine	Result	
(Phencyclidine, Cutoff = 25ng/mL)	Positive at 25ng/mL	_
Phencyclidine Morpholine	Positive at 625ng/mL	
4-Hydroxyphencyclidine	Positive at 250ng/mL	
Propoxyphene	Result	

Positive at 300 ng/mL	
Positive at 1500ng/mL	2

Barbiturate	Result			
(Butalbital, Cutoff= 300ng/mL)	Positive at 300ng/mL			
Secobarbital	Positive at 1500ng/mL			
Amobarbital	Positive at 3000ng/mL			
Alphenal	Positive at 250ng/mL			
Aprobarbital	Positive at 200ng/mL			
Allobarbital	Positive at 500ng/mL			
Butabarbital	Positive at 1000ng/mL			
Butethal	Positive at 500ng/mL			
Cyclopentobarbital	Positive at 300ng/mL			
Pentobarbital	Positive at 1300ng/mL			
Phenobarbital	Positive at 1900ng/mL			

Buprenorphine	Result	
(Buprenorphine, Cutoff= 10ng/mL)	Positive at 10ng/mL	
Buprenorphine-3-D-Glucuronide	Positive at 15ng/mL	
Norbuprenorphine	Positive at 40ng/mL	
Norbuprenorphine-3-D-Glucuronide	Positive at 500ng/mL	
Morphine	Negative at ≤ 10 ⁵ ng/mL	
Oxymorphone	Negative at ≤ 10 ⁵ ng/mL	
Opiates 300	Result	
(Morphine, Cutoff= 300ng/mL)	Positive at 300ng/mL	
6-Acetylmorphine	Positive at 750ng/mL	
Codeine	Positive at 300ng/mL	
Ethylmorphine	Positive at 200ng/mL	
Heroin	Positive at 700ng/mL	
Hydromorphone	Positive at 4000ng/mL	
Hydrocodone	Positive at 2000ng/mL	
Levorphanol	Positive at 12000ng/mL	
Thebaine	Positive at 90000ng/mL	
Methyprylon	Positive at 4000ng/mL	
Morphine-3-β-Glucuronide	Positive at 450ng/mL	
Oxycodone	Negative at ≤ 10 ⁵ ng/mL	
Procaine	Negative at ≤ 10⁵ ng/mL	
2-Ethylidene-1,5-Dimethyl-3,3- Diphenylpyrrolidine	Result	

2-Ethylidene-1,5-Dimethyl-3,3- Diphenylpyrrolidine	Result
(2-Ethylidene-1,5-Dimethyl-3,3-Diphenylpyrrolidine, Cutoff = 300ng/mL)	Positive at 300ng/mL
2-Ethyl-5-Methyl-3,3-Diphenylpyrroline (EMDP)	Negative at ≤ 10 ⁵ ng/mL
Disopyramide	Negative at ≤ 10 ⁵ ng/mL
Methadone	Negative at ≤ 10 ⁵ ng/mL
Levo-a-Acetymethadol Hydrochloride (LAAM)	Negative at ≤ 10 ⁵ ng/mL
Alphamethadol	Negative at ≤ 10 ⁵ ng/mL
Doxylamine	Negative at ≤ 10 ⁵ ng/mL

Methylenedioxymethamphetamine	Result				
(Methylenedioxymethamphetamine, Cutoff= 500ng/mL)	Positive at 500ng/mL				
3,4-Methylenedioxyamphetamine HCI (MDA)	Positive at 8000ng/mL				
3,4-Methylenedioxyethylamphetamine (MDEA)	Positive at 1000ng/mL				
(-)-Ψ-Ephedrine	Positive at 40000ng/mL				
D-Methamphetamine	Negative at ≤ 10 ⁵ ng/mL				
D-Amphetamine	Negative at ≤ 10 ⁵ ng/mL				
L-Amphetamine	Negative at ≤ 10 ⁵ ng/mL				
L-Methamphetamine	Negative at $\leq 10^5$ ng/mL				
Tricyclic Antidepressants	Result				
(Nortriptyline, Cutoff= 1000ng/mL)	Positive at 1000ng/mL				
Amitriptyline	Positive at 5000ng/mL				
Clomipramine	Positive at 15000ng/mL				
Desipramine	Positive at 1000ng/mL				
Doxepin	Positive at 2000ng/mL				
Imipramine	Positive at 600ng/mL				
Nordoxepin	Positive at 1000ng/mL				
Promazine	Positive at 24000ng/mL				
Trimipramine	Positive at 4000ng/mL				
Cyclobenzaprine Hydrochloride	Positive at 1500ng/mL				
Maprotiline	Negative at ≤ 10 ⁵ ng/mL				
Promethazine	Negative at ≤ 10⁵ ng/mL				
Norclomipramine	Negative at ≤ 10 ⁵ ng/mL				

EFFECT OF URINARY SPECIFIC GRAVITY

Unice samples of normal, ligh, and bw specific gravity ranges (1.000-1.035) were spiked with drugs at 25% bebw and 25% above cutoff levels respectively. **One-Step Drug of Abuse Cup Test** was tested using twelve drug-free urine and spiked urine samples. The results demonstrate that varying ranges of urinary specific gravity do not affect the test results.

EFFECT OF URINARY PH

The pH of an aliquot of negative urine pool was adjusted to pH ranges of 4.0-9.0, and spiked with drugs at 25% bebw and 25% above cut-off levels. The spiked, pH-adjusted urine was tested with **One-Step Drug** of **Abuse Cup Test**. The results demonstrate that varying ranges of pH do not interfere with the performance of the test.

Non Cross Reacting Compounds

Acetaminophen	β-Estradiol	Oxalic acid	
Acetophenetidin	Erythromycin	Oxolinic acid	
N-Acetylprocainamide	Ethanol (1%)	Oxymetazoline	
Acetylsalicylic acid	Fenoprofen	Papaverine	
Albumin (100mg/dL)	Furosemide	Penicillin G	
Aminopyrine	Gentisic acid	Perphenazine	
Amoxicillin	Hemoglobin	Phenelzine	
Ampicillin	Hydralazine	Prednisone	
Apomorphine	Hydrochbrothiazide	(±)-Propranolol	
Ascorbic acid	Hydrocortisone	Pseudoephedrine	
Aspartame	O-Hydroxyhippuric acid	Quinine	
Atropine	3-Hydroxytyramine	Ranitidine	
Benzilic acid	lbuprofen	Salicylic acid	
Benzoic acid	Isoproterenol	Serotonin (5- Hydroxytyramine)	
Bilirubin	lsoxsuprine	Sulfamethazine	
Chloral hydrate	Ketamine	Sulin dac	
Chloramphenicol	Ketoprofen	Tetrahydrocortisone 3-(β-Dglucuronide	
Chlorothiazide	Labetalol	Tetrahydrocortisone 3-acetate	
Chlorpromazine	Loperamide	Tetrahydrozoline	
Cholesterol	Meperidine	Thiamine	
Clonidine	Meprobamate	Thioridazine	
Cortisone	Methoxyphenamine	Triamterene	
(-)-Cotinine	Nalidixic acid	Trifluoperazine	
Creatinine	Naloxone	Trimethoprim	
Deoxycorticosterone	Naltrexone	DL-Tryptophan	
Dextromethorphan	Naproxen	Tyramine	
Diclofenac	Niacinamide	DL-Tyrosine	
Diflunisal	Nifedipine	Uric acid	
Digoxin	Norethindrone	Verapamil	
Diphenhydramine	Noscapine	Zomepirac	
Ecgonine methyl ester	(±)-Octopamine		

LAY USER

LAT USER A lay user study was performed at three intended user sites with 140 laypersons for each drug device. They had diverse educational and professional backgrounds and ranged in age from 21 to >50. Urine samples were prepared at the following concentrations; negative, +t-75%, +t-50%, +t-25% of the cutoff by spiking drug(s) into drug free-pooled unice specimens. The concentrations of the samples were confirmed by GC/MS. Each sample was alguoted into individual containers and blind-labeled. Each participant was unique to the performance of the back of the order of the total the performance of the back of the provided with the package insert, 1 blind labeled sample and a device. The results are summarized below.

	Number of	Amphetamine 1000	Lay Pers	Lay Person Results	
% of Cutoff	Samples	Concentration by GC/MS (ng/mL)	No. of Positive	No. of Negative	The Percentage Agreement(%)
-100% Cutoff	20	0	0	20	100 %
-75% Cutoff	20	246	0	20	100 %
-50% Cutoff	20	492	0	20	100%
-25% Cutoff	20	738	2	18	90%
+25% Cutoff	20	1268	19	1	95%
+50% Cutoff	20	1521	20	0	100%
+75% Cutoff	20	1775	20	0	100 %

% of Cutoff	Number of Amphetamine 500 Samples (ng/mL)		Lay Pers	The Percentage	
			No. of Positive	No. of Negative	Agreement(%)
-100% Cutoff	20	0	0	20	100 %
-75% Cutoff	20	130	0	20	100 %
-50% Cutoff	20	245	0	20	100 %
-25% Cutoff	20	374	1	19	95%
+25% Cutoff	20	649	20	0	100 %
+50% Cutoff	20	768	20	0	100 %
+75% Cutoff	20	857	20	0	100 %
+100 % Cutoff	20	1019	20	0	100 %

	Number of C	Cocaine 300 Concentration by	Lay Pers	The Percentage	
% of Cutoff	Samples	GC/MS (ng/mL)	No. of Positive	No. of Negative	Agreement(%)
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	71	0	20	100%
-50% Cutoff	20	1425	0	20	100%
-25% Cutoff	20	213.8	2	18	90%
+25% Cutoff	20	379	20	0	100%
+50% Cutoff	20	454.5	20	0	100%
+75% Cutoff	20	530	20	0	100%

% of Cutoff	Number of Samples Cocaine 150 Concentration by GC/MS (ng/mL)	Cooping 150 Concentration by	Lay Pers	on Results	The Percentage
		No. of Positive	No. of Negative	Agreement(%)	
-100% Cutoff	20	0	0	20	100 %
-75% Cutoff	20	37	0	20	100%
-50% Cutoff	20	73	0	20	100%
-25% Cutoff	20	109	1	19	95%
+25% Cutoff	20	178	20	0	100%
+50% Cutoff	20	223	20	0	100%
+75% Cutoff	20	258	20	0	100%
+100% Cutoff	20	301	20	0	100%

1	Number of	Marijuana Concentration by	Lay Pers	on Results	The Percentage
% of Cutoff	Samples	GC/MS (ng/mL)	No. of Positive	No. of Negative	Agreement(%)
-100%Cutoff	20	0	0	20	100%
-75% Cutoff	20	12	0	20	100%
-50% Cutoff	20	24.5	0	20	100%
-25% Cutoff	20	36.8	1	19	95%
+25% Cutoff	20	64	19	1	95%
+50% Cutoff	20	77	20	0	100%
+75% Cutoff	20	90	20	0	100%

% of Cutoff	Number of	Benzodiazepine Concentration	Lay Person Results		The Percentage Agreement(%)
	Samples by GC/MS (ng/mL)	No. of Positive	No. of Positive		
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	76	0	20	100 %
-50% Cutoff	20	145	0	20	100 %
-25% Cutoff	20	222	2	18	90%
+25% Cutoff	20	384	20	0	100 %
+50% Cutoff	20	468	20	0	100 %
+75% Cutoff	20	542	20	0	100 %

	Number of	Methamphetamine 1000	Lay Pers	on Results	The Percentage
% of Cutoff Samples	Concentration by GC/MS (ng/mL)	No. of Positive	No. of Negative	Agreement(%)	
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	245	0	20	100%
-50% Cutoff	20	488	0	20	100%
-25% Cutoff	20	729	0	20	100%
+25% Cutoff	20	1212	19	1	95%
+50% Cutoff	20	1441	20	0	100%
+75% Cutoff	20	1666	20	0	100%

	Number of	Methamphetamine 500	Lay Pers	on Results	The Percentage
% of Cutoff	Samples	Concentration by GC/MS (ng/mL)	No. of Positive	No. of Negative	Agreement(%)
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	129	0	20	100%
-50% Cutoff	20	259	0	20	100%
-25% Cutoff	20	393	1	19	95%
+25% Cutoff	20	6 69	19	1	95%
+50% Cutoff	20	730	20	0	100%
+75% Cutoff	20	930	20	0	100%
+100% Cutoff	20	1028	20	0	100%

1	Number of	Number of Barbiturate Concentration by	Lay Perso	on Results	The Percentage
% of Cutoff	Samples GC/MS (ng/mL)	No. of Positive	No. of Negative	Agreement(%)	
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	77	0	20	100%
-50% Cutoff	20	156	0	20	100%
-25% Cutoff	20	234	1	19	95%
+25% Cutoff	20	390	20	0	100%
+50% Cutoff	20	468	20	0	100%
+75% Cutoff	20	547	20	0	100%

	Number of	Propoxyphene Concentration	Propoxyphene Lay Perso		The Percentage
% of Outoff	Samples	by GC/MS (ng/mL)	No. of Positive	No. of Negative	
-100% Cutoff	20	0	0	20	100%
-75% Outoff	20	73	0	20	100%
-50% Outoff	20	154	0	20	100%
-25% Outoff	20	219	0	20	100%
+25% Cutoff	20	363	19	1	95%
+50% Cutoff	20	437	20	0	100%
+75% Cutoff	20	518	20	0	100%

	Number of	Opiates 2000 Concentration by	Lay Pers	on Results	The Percentage	
% of Cutoff	Samples	GC/MS (ng/mL)	No. of Positive	No.of Negative	Agreement(%)	
-100% Cutoff	20	0	0	20	100%	
-75% Cutoff	20	527	0	20	100%	
-50% Cutoff	20	1053	0	20	100%	
-25% Cutoff	20	1573	0	20	100%	
+25% Cutoff	20	2652	19	1	95%	
+50% Cutoff	20	3254	20	0	100%	
+75% Cutoff	20	3711	20	0	100%	

	Number of	ndes GC/MS (ng/ml.)	Lay Person Results		The Percentage
	Samples		No.of Positive	No. of Negative	Agreement(%)
-10 0% Cutoff	20	0	0	20	100%
-75% Cutoff	20	74	0	20	100%
-50% Cutoff	20	148	0	20	100%
-25% Cutoff	20	222	1	19	95%
+25% Cutoff	20	378	19	1	95%
+50% Cutoff	20	452	20	0	100%
+75% Cutoff	20	530	20	0	100%

	Number of	GC/MS (ng/mL)	Lay Person Results		The Percentage
	Samples		No.of Positive	No. of Negative	Agreement(%)
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	24	0	20	100%
-50% Cutoff	20	49	0	20	100%
-25% Cutoff	20	74	1	19	95%
+25% Cutoff	20	124	19	1	95%
+50% Cutoff	20	148	20	0	100%
+75% Cutoff	20	173	20	0	100%

	Number of	Phencyclidine Concentration	Lay Pers	on Results	The Percentage
% of Cutoff	Samples	by GC/MS (ng/mL)	No.of Positive	No. of Negative	Agreement(%)
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	6	0	20	100%
-50% Cutoff	20	12.2	0	20	100%
-25% Cutoff	20	19	0	20	100%
+25% Cutoff	20	31.3	18	2	90%
+50% Cutoff	20	37	20	0	100%
+75% Cutoff	20	44	20	0	100%

	Number of	Buprenorphine Concentration	Lay Pers	on Results	The Percentage
% of Cutoff	Samples	by GC/MS (ng/mL)	No. of Positive	No.of Negative	Agreement(%)
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	2.6	0	20	100%
-50% Cutoff	20	5.2	0	20	100%
-25% Cutoff	20	7.8	1	19	95%
+25% Cutoff	20	13	19	1	95%
+50% Cutoff	20	15.7	20	0	100%
+75% Cutoff	20	18.3	20	0	100%

1	Number of	Number of Samples Opiates 300 Concentration by GC/MS (ng/mL)	Lay Pers	on Results	The Percentage
% of Cutoff			No.of Positive	No. of Negative	Agreement(%)
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	74	0	20	100%
-50% Cutoff	20	148	0	20	100%
-25% Cutoff	20	228	0	20	100%
+25% Cutoff	20	379	19	1	95%
+50% Cutoff	20	443	20	0	100%

20

Π

100%

	Number of	EDDP Concentration by	Lay Pers	Lay Person Results	
% of Cutoff	Samples	GC/MS (ng/mL)	No. of Positive	No. of Negative	The Percentage Agreement(%)
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	81	0	20	100%
-50% Cutoff	20	157	0	20	100%
-25% Cutoff	20	235	1	19	95%
+25% Cutoff	20	410	20	0	100%
+50% Cutoff	20	485	20	0	100%
+75% Cutoff	20	566	20	0	100%

516

+75% Cutoff

20

		Methylenedioxy-	Lay Perso	Lay Person Results	
% of Cutoff	Number of methamphetamine Samples Concentration by GC/MS (ng/mL)	No. of Positive	No.of Positive	The Percentage Agreement(%)	
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	115	0	20	100%
-50% Cutoff	20	237	0	20	100%
-25% Cutoff	20	358	1	19	95%
+25% Cutoff	20	598	20	0	100%
+50% Cutoff	20	755	20	0	100%
+75% Cutoff	20	912	20	0	100%

	Number of	Tricyclic Antidepressants	Lay Perso	on Results	IThe Percentage Agreement(%)
% of Cutoff	Samples	Concentration by GC/MS (ng/mL)	No. of Positive		
-100% Cutoff	20	0	0	20	100%
-75% Cutoff	20	261	0	20	100%
-50% Cutoff	20	495	0	20	100%
-25% Cutoff	20	720	1	19	95%
+25% Cutoff	20	1180	19	1	95%
+50% Cutoff	20	1485	20	0	100%
+75% Cutoff	20	1687	20	0	100%

BIBLIOGRAPHY OF SUGGESTED READING 1. Stewart DJ, Inaba T, Lucassen M, Kalow W. Clin. Pharmacol. Ther. April 1979; 25 ed: 464, 264-8.

2. Ambre J. J. Anal. Toxicol. 1985; 9:241.

Hawks RL, CN Chiang, Urine Testing for Drugs of Abuse. National Institute for Drug Abuse (NIDA), Research Monograph 73, 1986.

ADDITIONAL INFORMATION AND REFERENCES The following list of organizations may be helpful to you for counseling support and resources. These groups also have an Internet address, which can be access for additional information.

National Clearinghouse for Alcohol and Drug Information www.health.org 1-800-729-6686

Center for Substance Abuse Treatment www.health.org 1-800-662-HELP

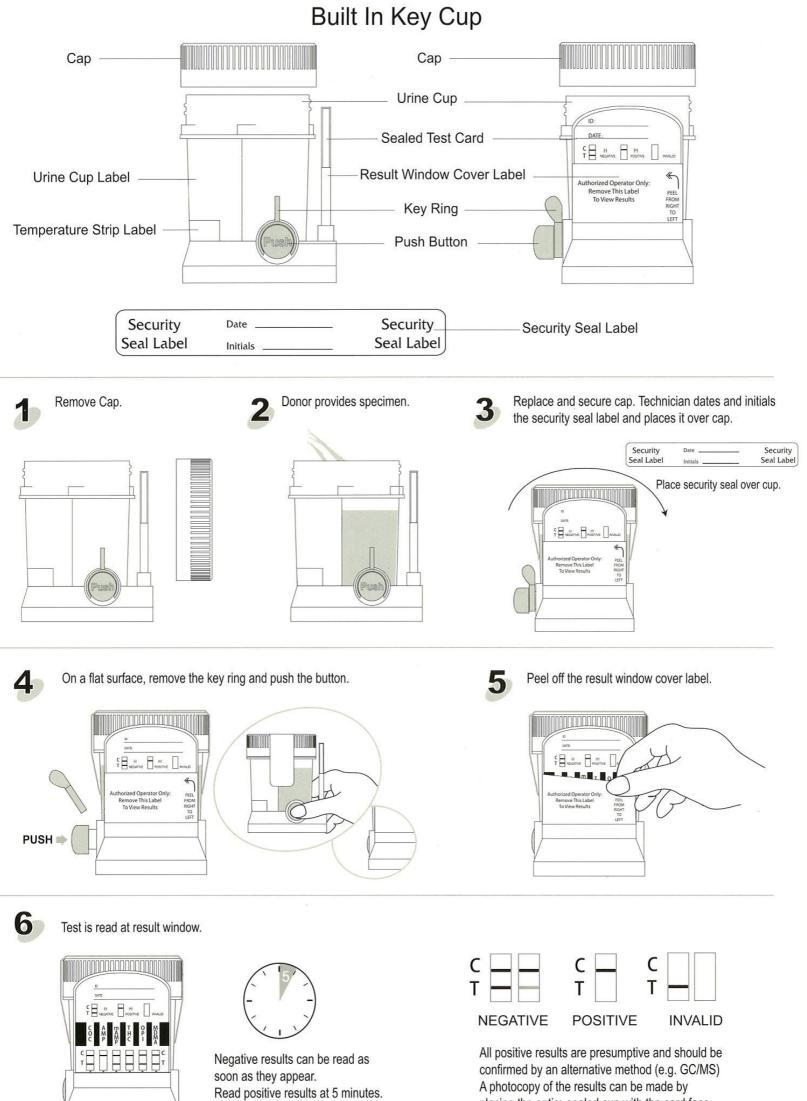
The National Council on Alcoholism and Drug Dependence www.ncadd.org 1-800-NCA-CALL

American Council for Drug Education (ACDE) www.acde.org 1-800-488-DRUG

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soon as they appear. Read positive results at 5 minutes. DO NOT INTERPRET RESULT AFTER 5 MINUTES.

A photocopy of the results can be made by placing the entire sealed cup with the card face down on the copier.