# First Sign® Drug of Abuse Cup Test

First Sign® Drug of Abuse Cup Test is a rapid test for the qualitative detection of D-Amphetamine, Benzoylecgonine, 11-nor-Δ9-THC-9-COOH, Oxazepam, Methamphetamine, Morphine, Methadone, Phencyclidine, Oxycodone, Butalbital, Buprenorphine, Morphine, 2-Ethylidene-1,5-dimethyl-3,3-dipheylpyrrolidine, 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.

For in vitro diagnostic use only

### WHAT IS FIRST SIGN® DRUG OF ABUSE CUP TEST?

First Sign® Drug of Abuse Cup Test is a rapid test for qualitative detection of D-Amphetamine, Benzoylecgonine, 11-nor-Δ9-THC-9-COOH, Oxazepam, Methamphetamine, Morphine, Methadone, Oxycodone, Phencyclidine, Butalbital, Buprenorphine, Morphine, 2-Ethylidene-1,5-dimethyl-3,3dipheylpyrrolidine, Methylenedioxymethamphetamine, and Nortriptyline in human urine. The First Sign® 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	1000ng/mL	4-6 hours	2-3 days
Benzoylecgonine	300ng/mL	2-6 hours	2-3 days
11-nor-Δ <sup>9</sup> -THC-9-COOH	50ng/mL	1-3 hours	1-7 days
Oxazepam	300ng/mL	2-7 hours	1-4 days
Methamphetamine	1000ng/mL	4-6 hours	2-3 days
Morphine	2000ng/mL	2-6 hours	1-3 days
Methadone	300ng/mL	3-8 hours	1-3 days
Oxycodone	100ng/mL	1-3 hours	1-2 days
Phencyclidine	25ng/mL	4-6 hours	7-14 days
Butalbital	300ng/mL	2-4 hours	1-3 weeks
Buprenorphine	10ng/mL	2-6 hours	2-4 days
Morphine	300ng/mL	2-6 hours	1-3 days
2-Ethylidene-1,5-dimethyl-3,3- dipheylpyrrolidine	300ng/mL	3-8 hours	1-3 days
Methylenedioxymethamphetamine	500ng/mL	2-7 hours	2-4 days
Nortriptyline	1,000ng/mL	8-12 hours	2-7 days

# PRINCIPI F

The First Sign® 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

# 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 device 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)

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 device 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

### WHEN TO COLLECT URINE FOR THE TEST?

Urine from any time of day can be use. 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 mark) fresh urine sample. Do not over-fill (the maximum-line mark).
- 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?

1. 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

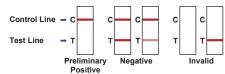
### Preliminary positive (+)

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.

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

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

Note: Each test strip needs to be look 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 First Sign® 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 detect by First Sign® 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

## TEST LIMITATIONS

- The First Sign® 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 drug administration
- 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.
- 7. A positive test result may be obtained from certain foods or food supplements.

### 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 supply 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. Please contact our Technical Support at 1-888-HEMOSURE (436-6787) for controls that work with the test cup

### PERFORMANCE CHARACTERISTICS

Eighty clinical urine specimens were analyzed by GC/MS and by the First Sign® 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

## Accuracy - D-Amphetamine

WHPI Resu		Less Than Half the Cutoff Concentration by GC/MS Analysis		Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positiv	/e 0	0	1	13	26
Negati	ve 10	10	19	1	0

<sup>%</sup> agreement among positives is 97.5%

Viewer B

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

<sup>%</sup> agreement among positives is 95%

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

<sup>%</sup> agreement among positives is 97.5%

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

### Accuracy - Benzoylecgonine

Viewer A:

WHPN Result		Less Than Half the Cutoff Concentration by GC/MS Analysis	(Potygon 50%	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positiv	e 0	0	1	12	26
Negativ	re 10	10	19	2	0

<sup>%</sup> agreement among positives is 95%

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

<sup>%</sup> 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 Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	13	26
Negative	10	10	19	1	0

<sup>%</sup> agreement among positives is 97.5%

From the results of the above tables, the total results are shown as below for Benzoylecgonine:

<sup>%</sup> agreement among negatives is 97.5%

<sup>%</sup> agreement among negatives is 97.5%

<sup>%</sup> agreement among negatives is 100%

The average negative agreement is 98.3%.

<sup>%</sup> agreement among negatives is 97.5%

<sup>%</sup> agreement among negatives is 97.5%

The average positive agreement is 95.8%.

The average negative agreement is 98.3%.

# Accuracy - 11-nor-∆9-THC-9-COOH

WHPM Result Drug-Free Concentration by GC/MS Analysis Concentration (Between 50% above the Cutoff and the Cutoff Concentration) (Greater T above the Cutoff Concentration)	viewei A.					
Positive 0 0 1 1 14 26		Drug-Free	Cutoff Concentration by	Negative (Between 50% below the Cutoff and the Cutoff	(Between the Cutoff and 50% above the Cutoff	(Greater Than 50%
	Positive	0	0	1	14	26
Negative 10 10 19 0 0	Negative	10	10	19	0	0

<sup>%</sup> agreement among positives is 100%

#### Viewer B

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

<sup>%</sup> 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 Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	(Greater Than 50%
Positive	0	0	1	14	26
Negative	10	10	19	0	0

<sup>%</sup> agreement among positives is 97.5%

From the results of the above tables, the total results are shown as below for 11-nor- $\Delta^{0}$ -THC-9-COOH: The average positive agreement is 99.2%.

The average negative agreement is 99.2%

# Accuracy - Oxazepam

### Viewer A:

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

<sup>%</sup> agreement among positives 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)	
Positive	0	0	0	14	25
Negative	10	10	20	1	0

# 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)	(Creater Than 50%
Positive	0	0	0	13	25
Negative	10	10	20	2	0

<sup>%</sup> agreement among positives is 95%

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

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

<sup>%</sup> 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)	
Positive	0	0	0	18	21
Negative	10	10	20	1	0

<sup>%</sup> agreement among positives is 97.5% % agreement among negatives is 100%

#### Viewer C

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

<sup>%</sup> agreement among positives is 95%

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

The average negative agreement is 100%

# Accuracy - Morphine Viewer A:

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

<sup>%</sup> 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 Positive (Between the Cutoff and 50% above the Cutoff Concentration)	(Creater Then 50%
Positive	0	0	0	15	24
Negative	10	10	20	1	0
% agreeme	nt among no	eitives is 97.5%			

<sup>%</sup> 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 Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	0	15	24
Negative	10	10	20	1	0

<sup>%</sup> 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:

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 Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	13	26
Negative	10	10	19	1	0

<sup>%</sup> 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	Negative (Potygon 50%	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	(Creater Then 50%
Positive	0	0	1	13	26
Negative	10	10	19	1	0

<sup>%</sup> agreement among positives is 97.5% % agreement among negatives is 97.5%

### Viewer C:

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

<sup>%</sup> agreement among positives is 95%

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

# Accuracy - Oxycodone

# Viewer A:

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

<sup>%</sup> agreement among positives is 95%

# Viewer R:

WHPM Result	Drug-Free	Concentration by	(Between 50% below the Cutoff	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff	(Greater Than 50% above the Cutoff
		GC/MS Analysis	and the Cutoff Concentration)	Concentration)	Concentration)
Positive	0	0	2	13	26
Negative	10	10	18	1	0
% agreeme	nt among no	eitives is 97.5%			

<sup>%</sup> agreement among positives is 97.5% % agreement among negatives is 95%

# Viewer C:

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

<sup>%</sup> agreement among positives is 95%

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%.

<sup>%</sup> agreement among negatives is 97.5%

<sup>%</sup> agreement among negatives is 100%

<sup>%</sup> agreement among negatives is 100%

<sup>%</sup> agreement among positives is 97.5% % agreement among negatives is 100%

<sup>%</sup> agreement among negatives is 100%

<sup>%</sup> agreement among negatives is 100.0%

<sup>%</sup> agreement among negatives is 97.5%

The average negative agreement is 97.5%.

<sup>%</sup> agreement among negatives is 97.5%

<sup>%</sup> agreement among negatives is 100%

# racy - Phencyclidine

Accuracy	-	IIC
Viouer 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	1	0

<sup>%</sup> agreement among positives is 97.5%

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

<sup>%</sup> 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)	(Greater Than 50%
Positive	0	0	0	13	26
Negative	10	10	20	1	0

<sup>%</sup> agreement among positives is 97.5%

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 - Butalbital

# 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	0	13	26
Negative	10	10	20	1	0

<sup>%</sup> agreement among positives 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)	
Positive	0	0	0	13	26
Negative	10	10	20	1	0

# 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)	(Creater Than 50%
Positive	0	0	1	13	26
Negative	10	10	19	1	0

<sup>%</sup> agreement among positives 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 - Buprenorphine

#### Viewer A:

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

<sup>%</sup> 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 Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	13	26
Negative	10	10	19	1	0

<sup>%</sup> agreement among positives is 97.5% % agreement among negatives is 97.5%

#### Viewer C

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

<sup>%</sup> agreement among positives 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 - Morphine

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

<sup>%</sup> 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 Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	0	13	26
Negative	10	10	20	1	0
% agreeme	nt among no	eitives is 97.5%			

<sup>%</sup> 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	Negative	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	(Creater Than 50%
Positive	0	0	0	14	26
Negative	10	10	20	0	0

<sup>%</sup> agreement among positives is 100% % agreement among negatives is 100%

From the results of the above tables, the total results are shown as below for Morphine:

The average positive agreement is 98.3%.

The average negative agreement is 99.2%.

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

VICTORIA 74.					
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

<sup>%</sup> 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	Negative (Potygon 50%	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	(Creater Than 50%
Positive	0	0	0	13	26
Negative	10	10	20	1	0

<sup>%</sup> 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	(Retween 50%	Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	(Greater Than 50%
Positive	0	0	1	13	26
Negative	10	10	19	1	0

<sup>%</sup> agreement among positives 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%.

# Accuracy - Methylenedioxymethamphetamine

# Viewer A:

WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis		Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)								
Positive	0	0	1	14	26							
Negative	10	10	19	0	0							
% agreemer	nt among no	sitives is 100%			6 agreement among positives is 100%							

<sup>%</sup> agreement among positives is 100% % agreement among negatives is 97.5%

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

<sup>%</sup> agreement among positives is 97.5%

# Viewer C:

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

<sup>%</sup> 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

<sup>%</sup> agreement among negatives is 95%

<sup>%</sup> agreement among negatives is100 %

<sup>%</sup> agreement among negatives is 100%

<sup>%</sup> agreement among positives is 97.5% % agreement among negatives is 100%

<sup>%</sup> agreement among negatives is 97.5%

<sup>%</sup> agreement among negatives is 97.5%

<sup>%</sup> agreement among negatives is 97.5%

The average negative agreement is 98.3%.

<sup>%</sup> agreement among negatives is 100%

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 Positive (Between the Cutoff and 50% above the Cutoff Concentration)	(Greater Than 50%
Positive	0	0	1	13	26
Negative	10	10	19	1	0

<sup>%</sup> 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 Positive (Between the Cutoff and 50% above the Cutoff Concentration)	
Positive	0	0	1	14	26
Negative	10	10	19	0	0

<sup>%</sup> agreement among positives is 100% % agreement among negatives is 97.5%

*101101 O.										
WHPM Result	Drug-Free	Less Than Half the Cutoff Concentration by GC/MS Analysis		Near Cutoff Positive (Between the Cutoff and 50% above the Cutoff Concentration)	(Greater Than 50%					
Positive	0	0	0	13	26					
Negative	10	10	20	1	0					
0/		-141 1- 07 50/	7							

<sup>%</sup> 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%.

# Precision and Sensitivity - D-Amphetamine

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
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	1/49
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

# Precision and Sensitivity - Benzoylecgonine

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
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

# Precision and Sensitivity - 11-nor-∆9-THC-9-COOH

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
0	50	50/0
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 - Oxazepam

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
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	4/46
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

# Precision and Sensitivity - Methamphetamine

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
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 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 - Morphine

LULI		
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

ot 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	FO	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

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
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

### Precision and Sensitivity - Oxycodone Lot 1

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	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

# Precision and Sensitivity - Phencyclidine

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

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

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 - 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 - 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

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

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 - Morphine

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
600	FO	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	2/48
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

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

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 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

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 - Methylenedioxymethamphetamine | of 1

LULI		
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

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

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 - Nortriptyline

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

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

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

# Specificity and Cross Reactivity

Specimenty and cross Reactivity
To test the specificity of the test, the test device was used to test D-Amphetamine, Benzoylecgonine, 11nor-&THC-9-COOH, Oxazepam, Methamphetamine, Morphine, Methadone, Phencyclidine, Oxycodone,
Butalbital, Buprenorphine, Morphine, 2-Ethylidene-1,5-Dimethyl-3,3-Diphenylpyrrolidine,
Methylenedioxymethamphetamine, Nortriptyline, drug metabolites and other 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.

D-Amphetamine	Result
(D-Amphetamine, Cutoff = 1000ng/mL)	Positive at 1000ng/mL
1-Amphetamine	Positive at 100000ng/mL
d1-Amphetamine	Positive at 500ng/mL
(+/-) 3,4-methylenedioxyamphetamine (MDA)	Positive at 1300ng/mL
Phentermine	Positive at 100000ng/mL
Apomorphine	Positive at 50000ng/mL
β-Phenylethylamine	Positive at 25000ng/mL
Tyramine	Positive at 10000ng/mL
Tryptamine	Positive at 25000ng/mL
d-Methamphetamine	>100000
I-Methamphetamine	>100000
Ephedrine	>100000
3,4-Methylenedioxyethylamphetamine (MDE)	>100000

Benzoylecgonine	Result
(Benzoylecgonine, Cutoff = 300ng/mL)	Positive at 300ng/mL
Cocaine Hydrochloride	Positive at 500ng/mL
Cocaethylene	>100000
Ecgonine	>100000

11-nor-∆9-THC-9-COOH	Result
(11-nor- $\Delta^9$ -THC-9-COOH, Cutoff = 50ng/mL)	Positive at 50ng/mL
11-hydroxy- Δ⁰-Tetrahydrocannabinol	Positive at 15000ng/mL
Δ <sup>8</sup> -Tetrahydrocannabinol	Positive at 8000ng/mL
Δ <sup>9</sup> -Tetrahydrocannabinol	Positive at 7000ng/mL
Cannabinol	>200000
Cannabidiol	>200000

Oxazepam	Result
(Oxazepam, Cutoff = 300ng/mL)	Positive at 300ng/mL
Alprazolam	Positive at 125ng/mL
α-Hydroxyalprazolam	Positive at 2500ng/mL
Bromazepam	Positive at 1565ng/mL
Chlordiazepoxide	Positive at 1560ng/mL
Clobazam	Positive at 65ng/mL
Clonazepam	Positive at 10000ng/mL
Clorazepate Dipotassium	Positive at 195ng/mL
Delorazepam	Positive at 1560ng/mL
Desalkylflurazepam	Positive at 1565ng/mL
Diazepam	Positive at 115ng/mL
Estazolam	Positive at 165ng/mL
Flunitrazepam	Positive at 166ng/mL
Midazolam	Positive at 6500ng/mL
Nitrazepam	Positive at 300ng/mL
Norchlordiazepoxide	Positive at 250ng/mL
Nordiazepam	Positive at 400ng/mL
Temazepam	Positive at 100ng/mL
Triazolam	Positive at 2500 ng/mL
DL-Lorazepam	Negative at ≤ 10 <sup>5</sup> ng/mL
Methamphetamine	Negative at ≤ 10⁵ng/mL
Morphine	Negative at ≤ 10 <sup>5</sup> ng/mL

Methamphetamine	Result
(D-Methamphetamine, Cutoff = 1000ng/mL)	Positive at 1000ng/mL
(+/-)3,4-Methylenedioxy-n-ethylamphetamine (MDEA)	Positive at 41600ng/mL
D/L-Methamphetamine	Positive at 1000ng/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 <sup>5</sup> ng/mL
Chloroquine	Negative at ≤ 10 <sup>5</sup> ng/mL
Ephedrine	Negative at ≤ 105ng/mL
Fenfluramine	Negative at ≤ 10 <sup>s</sup> ng/mL
Procaine (Novocaine)	Negative at ≤ 10⁵ng/mL
Ranitidine (Zantac)	Negative at ≤ 10 <sup>5</sup> ng/mL
D-Amphetamine	Negative at ≤ 105ng/mL

L-Amphetamine	Negative at ≤ 10 <sup>5</sup> ng/mL
Oxazepam	Negative at ≤ 10 <sup>5</sup> ng/mL
Morphine	Negative at ≤ 10 <sup>5</sup> ng/mL

Morphine	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
Levorphanol	Positive at 16000ng/mL
6-Monoacetylmorphine	Positive at 1000ng/mL
Morphine 3-β-D-Glucuronide	Positive at 1300ng/mL
Thebaine	Negative at ≤ 10 <sup>5</sup> ng/mL
Norcodeine	Negative at ≤ 10 <sup>5</sup> ng/mL
Normorphine	Negative at ≤ 10 <sup>5</sup> ng/mL
Oxycodone	Negative at ≤ 10 <sup>5</sup> ng/mL
Oxymorphone	Negative at ≤ 10 <sup>5</sup> ng/mL
Procaine	Negative at ≤ 10 <sup>5</sup> ng/mL
Oxazepam	Negative at ≤ 10 <sup>5</sup> ng/mL
Methamphetamine	Negative at ≤ 10 <sup>5</sup> ng/mL

Methadone	Result
(Methadone, Cutoff = 300ng/mL)	Positive at 300ng/mL
Levo-α-Acetylmethadol	Positive at 10000ng/mL
Alphamethadol	Negative at ≤ 10⁵ng/mL
Doxylamine	Negative at ≤ 10 <sup>5</sup> ng/mL
2-Ethylidene-1,5-Dimethyl-3,3-Diphenylpyrrolidine	Negative at ≤ 10 <sup>5</sup> ng/mL
2-Ethyl-5-methyl-3,3-diphenylpyrroline	Negative at ≤ 10 <sup>5</sup> ng/mL

Oxycodone	Result
(Oxycodone, Cutoff = 100ng/mL)	Positive at 100ng/mL
Dihydrocodeine	Positive at 50,000ng/mL
Hydrocodone	Positive at 10,000ng/mL
Heroin	Negative at ≤ 10 <sup>5</sup> ng/mL
Morphine 3-β-D-Glucuronide	Negative at ≤ 10⁵ng/mL
Codeine	Negative at ≤ 10⁵ng/mL
Hydromorphone	Negative at ≤ 10 <sup>5</sup> ng/mL
Morphine	Negative at ≤ 10⁵ng/mL
Acetylmorphine	Negative at ≤ 10⁵ng/mL
Buprenorphine	Negative at ≤ 10 <sup>5</sup> ng/mL
Ethylmorphine	Negative at ≤ 10 <sup>5</sup> ng/mL

Phencyclidine	Result
(Phencyclidine, Cutoff = 25ng/mL)	Positive at 25ng/mL
Phencyclidine Morpholine	Positive at 625ng/mL
4-Hydroxyphencyclidine	Positive at 250ng/mL

Butalbital	Result
(Butalbital, Cutoff = 300ng/mL)	Positive at 300ng/mL
Secobarbital	Positive at 300ng/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 <sup>5</sup> ng/mL
Oxymorphone	Negative at ≤ 10 <sup>5</sup> ng/mL

Morphine	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 <sup>5</sup> ng/mL
Procaine	Negative at ≤ 10⁵ng/ml

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 <sup>5</sup> ng/mL
Disopyramide	Negative at ≤ 105ng/mL
Methadone	Negative at ≤ 10 <sup>5</sup> ng/mL
Levo-α-Acetylmethadol Hydrochloride (LAAM)	Negative at ≤ 10⁵ng/mL
Alphamethadol	Negative at ≤ 10 <sup>6</sup> ng/mL
Doxylamine	Negative at ≤ 105ng/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 <sup>5</sup> ng/mL
D-Amphetamine	Negative at ≤ 10⁵ng/mL
L-Amphetamine	Negative at ≤ 10⁵ng/mL
L-Methamphetamine	Negative at ≤ 10 <sup>5</sup> ng/mL

Nortriptyline	Result
(Nortriptyline, Cutoff = 1000ng/mL)	Positive at 1000ng/mL
Amitriptyline	Positive at 1500ng/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 <sup>5</sup> ng/mL
Promethazine	Negative at ≤ 10 <sup>5</sup> ng/mL
Norclomipramine	Negative at ≤ 10 <sup>5</sup> ng/mL

Effect of Urinary Specific Gravity
Urine samples of normal, high, and low specific gravity ranges (1.000-1.035) were spiked with drugs at 25% below and 25% above cutoff levels respectively. First Sign® 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% below and 25% above cut-off levels. The spiked, pH-adjusted urine was tested with First Sign® Drug
of Abuse Cup Test. The results demonstrate that varying ranges of pH do not interfere with the

# Non Cross-Reacting Compounds - D-Amphetamine

4-Acetamidophenol	L-Ephedrine	Oxycodone
Acetophenetidin	(-)-Ψ-Ephedrine	Oxymetazoline
N-Acetylprocainamide	Erythromycin	Papaverine
Acetylsalicylic Acid	β-Estradiol	Penicillin-G
Aminopyrine	Estrone-3-Sulfate	Pentazocine
Amitriptyline	Ethyl-p-Aminobenzoate	Pentobarbital
Amobarbital	Fenfluramine	Perphenazine
Amoxicillin	Fenoprofen	Phencyclidine
Ampicillin	Furosemide	Phenelzine
Ascorbic Acid	Gentisic Acid	Phenobarbital
Aspartame	Hemoglobin	Phenytoin
Atropine	Hydralazine	L-Phenylephrine
Benzilic Acid	Hydrochlorothiazide	Phenylpropanolamine
Benzoic Acid	Hydrocodone	Prednisolone
Benzoylecgonine	Hydrocortisone	Prednisone
Bilirubin	O-Hydroxyhippuric Acid	Procaine
Brompheniramine	3-Hydroxytyramine	Promazine
Caffeine	Ibuprofen	Promethazine
Cannabidiol	Imipramine	DL-Propranolol
Cannabinol	(-) Isoproterenol	D-Propoxyphene

Chloral Hydrate	Isoxsuprine	Quinidine
Chloramphenicol	Ketamine	Quinine
Chlordiazepoxide	Ketoprofen	Ranitidine
Chlorothiazide	Labetalol	Salicylic acid
(±) Chlorpheniramine	Levorphanol	Secobarbital
Chlorpromazine	Loperamide	Sulfamethazine
Chloroquine	Maprotiline	Sulindac
Cholesterol	Meperidine	Temazepam
Clomipramine	Meprobamate	Tetracycline
Clonidine	Methadone	Tetrahydrocortisone
Cocaine Hydrochloride	Methylphenidate	Tetrahydrozoline
Codeine	Morphine 3-β-D-Glucuronide	Δ <sup>9</sup> -THC-COOH
Cortisone	Nalidixic Acid	Thebaine
(-) Cotinine	Naloxone	Thiamine
Creatinine	Naltrexone	Thioridazine
Deoxycorticosterone	Naproxen	DL-Thyroxine
Dextromethorphan	Niacinamide	Tolbutamide
Diazepam	Nifedipine	Triamterene
Diclofenac	Norcodeine	Trifluoperazine
Diflunisal	Norethindrone	Trimethoprim
Digoxin	D-Norpropoxyphene	Trimipramine
Diphenhydramine	Noscapine	Tryptamine
Doxylamine	DL-Octopamine	DL-Tyrosine
Ecgonine Hydrochloride	Oxalic Acid	Uric acid
Ecgonine Methyl Ester	Oxazepam	Verapamil
(IR,2S)-(-)-Ephedrine	Oxolinic Acid	Zomepirac

### Non Cross-Reacting Compounds - Benzoylecgonine

Non Cross-Reacting Compou	nds - Benzoylecgonine	
Acetaminophen	Estrone-3-Sulfate	Oxymetazoline
Acetophenetidin	Ethyl-p-Aminobenzoate	Papaverine
N-Acetylprocainamide	Fenoprofen	Penicillin-G
Acetylsalicylic Acid	Furosemide	Pentobarbital
Aminopyrine	Gentisic acid	Perphenazine
Amitriptyline	Hemoglobin	Phencyclidine
Amobarbital	Hydralazine	Phenelzine
Amoxicillin	Hydrochlorothiazide	Phenobarbital
Ampicillin	Hydrocodone	Phentermine
L-Ascorbic Acid	Hydrocortisone	L-Phenylephrine
DL-Amphetamine Sulfate	O-Hydroxyhippuric Acid	β-Phenylethylamine
Apomorphine	p-Hydroxymethamphetamine	Phenylpropanolamine
Aspartame	3-Hydroxytyramine	Prednisolone
Atropine	Ibuprofen	Prednisone
Benzilic Acid	Imipramine	Procaine
Benzoic Acid	Iproniazid	Promazine
Benzphetamine	(±)-Isoproterenol	Promethazine
(±)-Brompheniramine	Isoxsuprine	DL-Propranolol
Caffeine	Ketamine	D-Propoxyphene
Cannabidiol	Ketoprofen	D-Pseudoephedrine
Cannabinol	Labetalol	Quinidine
Chloral Hydrate	Levorphanol	Quinine
Chloramphenicol	Loperamide	Ranitidine
Chlordiazepoxide	Maprotiline	Salicylic acid
Chlorothiazide	Meperidine	Secobarbital
(±)-Chlorpheniramine	Meprobamate	Serotonin
Chlorpromazine	Methadone	Sulfamethazine
Chloroquine	Methoxyphenamine	Sulindac
Cholesterol	(±)-3,4- Methylenedioxyamphetamine	Temazepam
Clomipramine	(±)-3,4- Methylenedioxymethamphetamine Hydrochloride	Tetracycline
Clonidine	Morphine-3-β-D-Glucuronide	Tetrahydrocortisone 3 (β-D- Glucuronide)
Codeine	Morphine Sulfate	Tetrahydrozoline
Cortisone	Nalidixic acid	Thebaine
(-) Cotinine	Naloxone	Thiamine
Creatinine	Naltrexone	Thioridazine
Deoxycorticosterone	Naproxen	DL-Tyrosine
Dextromethorphan	Niacinamide	Tolbutamide
Diazepam	Nifedipine	Triamterene
Diclofenac	Norcodeine	Trifluoperazine
Diflunisal	Norethindrone	Trimethoprim
Digoxin	D-Norpropoxyphene	Trimipramine
Diphenhydramine	Noscapine	Tryptamine
	DL-Octopamine	1 11

Ecgonine Methyl Ester	Oxalic acid	Tyramine
(-) - Ψ-Ephedrine	Oxazepam	Uric Acid
Erythromycin	Oxolinic Acid	Verapamil
β-Estradiol	Oxycodone	Zomepirac

Non Cross-Reacting Compounds - 11-nor-∆9-THC-9-COOH

Non Gross-reducting Compou	1103 - 11-1101-12-1110-5-00011	
4-Acetamidophenol	β-Estradiol	Papaverine
Acetophenetidin	Estrone-3-Sulfate	Penicillin-G
N-Acetylprocainamide	Ethyl-p-Aminobenzoate	Pentazocine
Acetylsalicylic Acid	Fenoprofen	Pentobarbital
Aminopyrine	Furosemide	Perphenazine
Amitriptyline	Gentisic acid	Phencyclidine
Amobarbital	Hemoglobin	Phenelzine
Amoxicillin	Hydralazine	Phenobarbital
Ampicillin	Hydrochlorothiazide	Phentermine
Ascorbic acid	Hydrocodone	L-Phenylephrine
DL-Amphetamine	Hydrocortisone	β-Phenethylamine
L-Amphetamine	O-Hydroxyhippuric Acid	β-Phenylethylamine
Apomorphine	3-Hydroxytyramine	Phenylpropanolamine
Aspartame	Ibuprofen	Prednisolone
Atropine	Imipramine	Prednisone
Benzilic Acid	Iproniazid	Procaine
Benzoic Acid	(-) Isoproterenol	Promazine
Benzoylecgonine	Isoxsuprine	Promethazine
Benzphetamine	Ketamine	DL-Propranolol
Bilirubin	Labetalol	D-Propoxyphene
Brompheniramine	Levorphanol	D-Pseudoephedrine
Caffeine	Loperamide	Quinidine
Chloral Hydrate	Maprotiline	Quinine
Chloramphenicol	Meprobamate	Ranitidine
Chlordiazepoxide	Methadone	Salicylic acid
Chlorothiazide	Methoxyphenamine	Secobarbital
(±) Chlorpheniramine	(+) 3,4- Methylenedioxyamphetamine	Serotonin (5-Hydroxytyramine)
Chlorpromazine	(+)3,4- Methylenedioxymethamphetamine	Sulfamethazine
Chloroquine	Methylphenidate	Sulindac
Cholesterol	Methyprylon	Temazepam
Clomipramine	Morphine 3-β-D-Glucuronide	Tetracycline
Clonidine	Nalorphine	Tetrahydrocortisone 3 (β-D- Glucuronide)
Cocaine Hydrochloride	Naloxone	Tetrahydrozoline
Codeine	Nalidixic Acid	Thebaine
Cortisone	Naltrexone	Thiamine
(-) Cotinine	Naproxen	Thioridazine
Creatinine	Niacinamide	DL-Thyroxine
Deoxycorticosterone	Nifedipine	Tolbutamide
Dextromethorphan	Norcodeine	Triamterene
Diazepam	Norethindrone	Trifluoperazine
Diclofenac	D-Norpropoxyphene	Trimethoprim
Diflunisal	Noscapine	Trimipramine
Digoxin	DL-Octopamine	Tryptamine
Diphenhydramine	Oxalic Acid	DL-Tryptophan
Doxylamine	Oxazepam	Tyramine
Ecgonine Hydrochloride	Oxolinic Acid	PrD, L-Tyrosine
Ecgonine Methyl Ester	Oxycodone	Uric acid
(-)-Ψ-Ephedrine	Oxymetazoline	Verapamil

lon	Cross-Reacting	Compounds	- Oxazepam	

4-Acetamidophenol	Diphenhydramine	D.L-Octopamine
Acetophenetidin	Doxylamine	Oxalic Acid
N-Acetylprocainamide	Ecgonine Hydrochloride	Oxolinic Acid
Acetylsalicylic Acid	Ecgonine Methyl Ester	Pentobarbital
Aminopyrine	(-)-Ψ-Ephedrine	Perphenazine
Amitriptyline	Fenoprofen	Phencyclidine
Amobarbital	Furosemide	Phenelzine
Amoxicillin	Gentisic acid	Phenobarbital
Ampicillin	Hemoglobin	Phentermine
I-Ascorbic Acid	Hydrocortisone	L-Phenylephrine
D.L-Amphetamine	O-Hydroxyhippuric Acid	B-Phenylethylamine
Apomorphine	p-Hydroxymethamphetamine	Phenylpropanolamine
Aspartame	3-Hydroxytyramine	Prednisone
Atropine	Ibuprofen	D.L-Propranolol
Benzilic Acid	Imipramine	D-Pseudoephedrine
Benzoic Acid	Iproniazid	Quinine

Benzoylecgonine	(±)Isoproterenol	Ranitidine
Benzphetamine	Isoxsuprine	Salicylic Acid
Bilirubin	Ketamine	Secobarbital
(±) Chlorpheniramine	Ketoprofen	Serotonin (5-Hydroxytyramine)
Caffeine	Labetalol	Sertraline
Cannabidiol	Loperamide	Sulfamethazine
Chloral Hydrate	Maprotiline	Sulindac
Chloramphenicol	Meperidine	Tetrahydrocortisone 3 (β-D- Glucuronide)
Chlorothiazide	Meprobamate	Tetrahydrozoline
(±)Chlorpheniramine	Methadone	Thiamine
Chlorpromazine	Methoxyphenamine	Thioridazine
Chloroquine	(+) 3,4- Methylenedioxyamphetamine	D.L-Tyrosine
Cholesterol	(+)3,4- Methylenedioxymethamphetamine	Tolbutamide
Clomipramine	Nalidixic acid	Triamterene
Clonidine	Nalorphine	Trifluoperazine
Cocaine Hydrochloride	Naloxone	Trimethoprim
Cortisone	Naltrexone	Tryptamine
(-)cotinine	Naproxen	D.L-Tryptophan
Creatinine	Niacinamide	Tyramine
Dextromethorphan	Nifedipine	Uric acid
Diclofenac	Norethindrone	Verapamil
Diflunisal	D-Norpropoxyphene	Zomepirac
Dioxin	Noscapine	

Non Cross-Reacting Compounds - Methamphetamine

Acetaminophen Gentisic Acid Oxycodone Acetophenetidin Glucuronide Oxymetazoline N-Acetylprocainamide Glutethimide Papaverine Acetylsalicylate Guaifenesin Penicillin-G Aminopyrine Hippuric Acid Pentazocine Amitriptyline Hydrochloride Penicoarbital Amobarbital Hydrochloridiazide Perphenazine Amodillin Hydrocodone Pheneizine Amodillin Hydrocodisone Pheneizine Apomorphine O-Hydroxyhippuric Acid Phenobarbital Aspartame Al-tydroxyhyramine Prednisolone Afropine Ibuprofen Phenylpropanolamine Benzilic Acid Imipramine Prednisone Benzilic Acid Imipramine Prednisone Benzilic Acid Imipramine Promazine Benzole Acid (-) Isoproterenol Procaine Benzoylecgonine Isoxsuprine Promazine Butabarbital Ketamine Promethazine Cannabidiol Ketoprofen DI-Propranolol Chloral Hydrate Labetalol D-Propoxyphene Chlorarhydrate Labetalol D-Propoxyphene Chlorarhydrate Loxapine Succinate Quirine Chlororiazepoxide Loxapine Succinate Quirine Chlorormazine Maprotiline Ranitidine Cholorathydrochloride Mependine Salicylic acid Clomipramine Meprobamate Secobarbital Clomipramine Meprobamate Secobarbital Clonidine Methadone Serotonin (5-Hydroxytyramine) Cocaine Hydrochloride Methaqualone Sulfamethazine Cordinne Methyphenidate Sulindac Cordisione Methyphenidate Sulindac Cordisione Methyphenidate Tetracycline Dexycorticosterone Nalorphine Tetracycline Dexycorticosterone Nalorphine Tetracycline Dexycorticosterone Nalorphine Trimutenen Dilazepam Naltrexone Thiamine Dilazepam Naltrexone Thiamine Dilazepam Naltrexone Trimutenen Dilphenhydramine Norodeine Trimutenen Dilphenhydra	Non Cross-Reacting Compo	unds - Methamphetamine	
N-Acetylprocainamide Acetylsalicylate Acetylsalicylate Guaffenesin Penicillin-G Amminopyrine Hippuric Acid Pentazocine Pentobarbital Hydrochlorothiazide Pertobarbital Hydrocodine Ammozillin Hydrocotisone Apmozillin Hydrocotisone Apmozillin Hydrocotisone Phenelzine Pentobarbital Apporophine Benzilic Acid Impramine Benzilic Acid Impramine Predmisolone Benzolic Acid Impramine Procaine Benzolic Acid Impramine Promazine Benzole Acid () Isoproterenol Procaine Benzolecoponine Isoxsuprine Benzolecoponine Isoxsuprine Benzolecoponine Isoxsuprine Promazine Camabidiol Ketoprofen Di-Propranolol Chloral Hydrate Labetalol D-Propoxyphene Chloramphenicol Levorphanol D-Pseudoephedrine Chlordiazepoxide Loperamide Quinidine Chlordiazepoxide Loperamide Chloramphenicol Lovapine Succinate Chlororhizaide Loxapine Succinate Chlororhizaide Choripromazine Maprotiline Ranitidine Chlorothizaide Cholesterol Meperidine Salicylic acid Clomigramine Merpobamate Secobarbital Clomidine Methadone Sulfamethazine Codeine Methydrochloride Methaqualone Sulfamethazine Codeine Methydrochloride Methyphenidate Sulindac Cortisone Methydrochloride Nethyphenidate Sulindac Cortisone Methyprylon Terrazepam () Codinine Terrazycapam Terravydrocortisone 3 (β-D-Gilucuronide Tetrahydrocortisone 3 (β-D-Gilucuronide) Dioxycorticosterone Nalorophine Tetrahydrocortisone Nalorophine Tetrahydrocortisone Tetrahydrocotisone Tetrahydrocoline Timpiramine Dioxycorticosterone Nalorophine Trimpiramine Dioxycorticosterone Nalorophine Trimpiramine Dioxydamine Norocdeine Trimpiramine Diox-Trynophan Trimpiramine Dox-Trynophan Trimpiramine Dox-Trynophan Di-Trynophan Di-Trynophan Di-Trynophan Di-Trynophan Di-Trynophan Di-Trynophan Di-Trynophan Di-Trynophan Di-Try	Acetaminophen	Gentisic Acid	Oxycodone
Acetysalicylate Guaifenesin Penicillin-G Aminopyrine Hippuric Acid Pentazocine Amitriptyline Hydralazine Pentobarbital Amobarbital Hydrochlorothiazide Perphenazine Amosicillin Hydrocodone Phencycildine Ampicillin Hydrocotrisone Phencycildine Ampicillin Hydrocotrisone Phencycildine Ampicillin Hydrocytrymine Prednisolone Appomorphine O-Hydroxyhippuric Acid Phenobarbital Aspartame 3-Hydroxyhippuric Acid Phenobarbital Aspartame Benzilic Acid Phenobarbital Aspartame Benzilic Acid Imipramine Prednisolone Benzilic Acid Imipramine Prednisolone Benzilic Acid Imipramine Prednisolone Benzolylecgonine Isoxsuprine Promazine Butabarbital Ketamine Promethazine Cannabidiol Ketaprofen DL-Propranolol Chloral Hydrate Labetalol D-Propoxyphene Chloral Hydrate Labetalol D-Propoxyphene Chloral Chloramphenicol Levorphanol D-Pseudoephedrine Chloral Chloramphenicol Levorphanol D-Pseudoephedrine Chlorothazide Loxapine Succinate Quintine Chlorothazide Loxapine Succinate Quintine Chlorothazide Loxapine Succinate Quintine Chlorothazide Meperidine Salicylic acid Clomipramine Meprobamate Secobarbital Clonidine Methadone Serotonin (6-Hydroxytyramine) Cocaine Hydrochloride Methaqualone Sulfamethazine Cocaine Hydrochloride Methaqualone Sulfamethazine Cordisone Methyprylon Temazepam (-) Cotinine Methyprylon Temazepam (-) Cotinine Morphine-3-β-D-Glucuronide Tetracycline Tetrahydrocortisone 3 (β-D-Glucuronide) Diazepam Naltrexone Thiamine Diazepam Naltrexone Thiamine Diazepam Naltrexone Thiamine Diazepam Naltrexone Trimethoprim Diazepam Naltrexone Trimipramine Diazepam Norodeline Trimipramine Diphenhydramine Norodeline Trimipramine Di-Cytopanine Hydrochloride Noroxymorphone Trimipramine Di-Cytopanine Hydrochloride Noroxymorphone Trimipramine Di-Cytopanine Hydrochloride Noroxymorphone Trimipramine Di-Cytopanine Uric acid Di-Cytopanine Uric acid Di-Cyto	Acetophenetidin	Glucuronide	Oxymetazoline
Amiropyine Hippuric Acid Pentazocine Amitriptyline Hydralazine Pentobarbital Amobarbital Hydrocotlorothiazide Perphenazine Amoxidilin Hydrocodone Phencyclidine Ampicillin Hydrocodone Phencyclidine Ampicillin Hydrocotisone Phencylidine Appomorphine O-Hydroxyhippuric Acid Phenobarbital Aspartame 3-Hydroxytyramine Prednisolone Atropine Ibuprofen Phenylpropanolamine Benzilic Acid Imipramine Prednisone Benzolic Acid Imipramine Prednisone Benzolic Acid Imipramine Promazine Butabarbital Ketamine Promazine Butabarbital Ketamine Promazine Butabarbital Evorphanol DL-Propranolol Chloral Hydrate Labetalol D-Propoxyphene Chloramphenicol Levorphanol D-Pseudoephedrine Chloral Hydrate Loxapine Succinate Quinidine Chloridiazepoxide Loperamide Quinidine Chlorothiazide Loxapine Succinate Quinine Chlorothiazide Loxapine Succinate Chlorothiazide Loxapine Succinate Colinipromazine Maprotiline Ranitidine Chloripromazine Meperidine Salicylic acid Clomipramine Meprobamate Secobarbital Clomidine Methadone Serotonin (5-Hydroxytyramine) Cocaine Hydrochloride Methaqualone Sulfamethazine Cocaine Hydrochloride Methapone Sulfamethazine Cordeine Methylphenidate Sulindac Cordinone Tetracycline Dexycorticosterone Naloromine Tetracycline Tetrahydrocortisone 3 (6-D-Glucuronide) Decycorticosterone Naloromine Tetrahydrocortisone 3 (6-D-Glucuronide) Decycorticosterone Naloromine Tetrahydrocortisone 3 (6-D-Glucuronide) Diflunisal Nia	N-Acetylprocainamide	Glutethimide	Papaverine
Amitripfyline         Hydralazine         Pentobarbital           Amobarbital         Hydrocolorothiazide         Perphenazine           Amoxicillin         Hydrocodone         Phencyclidine           Ampicillin         Hydrocortisone         Phencyclidine           Ampicillin         Hydrocortisone         Phenobarbital           Aspartame         3-Hydroxytyramine         Prednisolone           Aspartame         3-Hydroxytyramine         Prednisolone           Benzolic Acid         Impramine         Prednisolone           Benzolic Acid         Impramine         Prednisone           Benzolic Acid         Retoporte         DL-Proparazine           Chlorani         Lypermide         Quinidine           Chlorani         Maprotiline         Salicylic acid <tr< td=""><td>Acetylsalicylate</td><td>Guaifenesin</td><td>Penicillin-G</td></tr<>	Acetylsalicylate	Guaifenesin	Penicillin-G
Amobarbital Hydrocodone Pencyclidine Amoxidilin Hydrocodone Phencyclidine Ampicillin Hydrocodone Phencyclidine Ampicillin Hydrocotisone Phencyclidine Ampicillin Hydrocotisone Phencyclidine Aspartame O-Hydroxyhippunic Acid Phenobarbital Aspartame 3-Hydroxytyramine Prednisolone Atropine Ibuprofen Phenylpropanolamine Benzilic Acid Imipramine Prednisone Benzolic Acid Imipramine Promazine Benzolic Acid Imipramine Promazine Benzolyecgonine Isoxsuprine Promazine Benzolyecgonine Isoxsuprine Promazine Butabarbital Ketamine Promethazine Cannabidiol Ketoprofen DL-Propranolol Chloral Hydrate Labetalol D-Propxyphene Chloral Hydrate Labetalol D-Propxyphene Chloramphenicol Levorphanol D-Pseudoephedrine Chloralizepoxide Loperamide Quinidine Chlorothiazide Loxapine Succinate Quinine Chlorothiazide Loxapine Succinate Quinine Chlorothiazide Ranitidine Cholesterol Meperidine Salicylic acid Clomigramine Meprobamate Secobarbital Clonidine Methadone Serotonin (5-Hydroxytyramine) Clocaine Hydrochloride Methaqualone Sulfamethazine Cocaine Hydrochloride Methyppylon Temazepam (-) Cotinine Methyppylon Temazepam (-) Cotinine Morphine-3-β-D-Glucuronide Tetracycline Deoxycorticosterone Naloxone Thebaine Diazepam Naloxone Thebaine Diazepam Naloxone Thebaine Diazepam Naloxone Thioridazine Dipoxin Nifedipine Triamterene Dipoxin Nifedipine Triamterene Dipoxin Nifedipine Triamterene Dipoxylamine Norcodeine Trifiuoperazine Drifiunisal Niacinamide Tolbutamide Dipoxylamine Norcodeine Trimitoporim P-Estradiol Nylidrin DL-Trytophan Estrone-3-Sulfate DI-Octopamine Uric acid Ethyl-p-Aminobenzoate Oxazepam Doxazepam Zomepirac	Aminopyrine	Hippuric Acid	Pentazocine
Amoxicillin Hydrocodone Phencyclidine Ampicillin Hydrocodisone Phenelzine Phenelzine Phenelzine O-Hydrocytisone Phenelzine Phenelzine Phenobarbital Appomorphine O-Hydroxyhippuric Acid Phenobarbital Aspartame 3-Hydroxytyramine Prednisolone Phenylpropanolamine Prednisone Phenylpropanolamine Prednisone Phenylpropanolamine Prednisone Phenzylecgonine Ibuprofen Procaine Procaine Benzole Acid (r.) Isoproterenol Procaine Promazine Promazine Promazine Isoxsuprine Promazine Propoxyphene Chloral Hydrate Labetalol D-Propoxyphene Chloral Hydrate Labetalol D-Propoxyphene Promazine Chloral Hydrate Loxapine Succinate Quinidine Chlordiazepoxide Loxapine Succinate Quinine Promazine Pr	Amitriptyline	Hydralazine	Pentobarbital
Ampicillin Hydrocortisone Phenelzine Apomorphine O-Hydroxyhippuric Acid Phenobarbital Aspartame 3-Hydroxytyramine Prednisolone Atropine Ibuprofen Phenylpropanolamine Benzilic Acid Imipramine Prednisone Benzolic Acid Imipramine Promazine Butabarbital Ketamine Promazine Butabarbital Ketamine Promethazine Cannabidiol Ketoprofen DL-Propranolol Chloral Hydrate Labetalol D-Propoxyphene Chloramphenicol Levorphanol D-Pseudoephedrine Chloradiazepoxide Loperamide Quinidine Chloradiazepoxide Loperamide Quininine Chlorothiazide Loxapine Succinate Quinine Chlorothiazide Loxapine Succinate Chlorothiazide Loxapine Succinate Chloripromazine Maprotiline Ranitidine Chloripromazine Meprobamate Secobarbital Clomigramine Meprobamate Secobarbital Clomigramine Meprobamate Secobarbital Clomidine Methadone Serotonin (5-Hydroxytyramine) Cocaine Hydrochloride Methaqualone Sulfamethazine Cocaine Hydrochloride Methyphenidate Sulindac Cordisone Methyprylon Temazepam (-) Cotinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidikic Acid Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrocortisone Tetrahydrocortisone Dextromethorphan Naloxone Thebaine Didofenac Naproxen Thioridazine Didofenac Naproxen Thioridazine Diductionial Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Dippenhydramine Norcodeine Trifiloperazine Trimthoprim Egopnine Hydrochloride Noroxymorphone Trimipramine Egopoine Hydrochloride Noroxymorphone Trimipramine Egopoine Hydrochloride Noroxymorphone Trimipramine Egopoine Hydrochloride Noroxymorphone Trimipramine Egopoine Hydrochloride Noroxymorphone Uric acid Ethyl-p-Aminobenzoate Oxalic Acid Verapamil Fenoprofen	Amobarbital	Hydrochlorothiazide	Perphenazine
Apomorphine Apomorphine Appartame Aspartame Aspartame Benzilic Acid Biuprofen Benzilic Acid Benzole Benzole Benzole Benzole Acid Benzole Benzole Benzole Acid Benzole Benzole Butabarbital Ketamine Promethazine Di-Proparalol Di-	Amoxicillin	Hydrocodone	Phencyclidine
Aspartame 3-Hydroxytyramine Prednisolone Atropine Ibuprofen Phenylpropanolamine Benzilic Acid Imipramine Prednisone Benzolic Acid Imipramine Promaisone Benzolic Acid Procaline Benzoylecgonine Isoxsuprine Promazine Benzoylecgonine Isoxsuprine Promazine Butabarbital Ketamine Promethazine Cannabidiol Ketoprofen DL-Propranolol Chloral Hydrate Labetalol D-Propxyphene Chloramphenicol Levorphanol D-Pseudoephedrine Chloramphenicol Levorphanol D-Pseudoephedrine Chloralizepoxide Loperamide Quinidine Chlorothiazide Loxapine Succinate Quinine Chlorothiazide Loxapine Succinate Quinine Chlorothiazide Loxapine Succinate Salicylic acid Clomipramine Meprobamate Secobarbital Clonidine Methadone Serotonin (5-Hydroxytyramine) Cocaine Hydrochloride Methaqualone Sulfamethazine Cocaine Hydrochloride Methaqualone Sulfamethazine Codeine Methyprylon Temazepam (-) Cotinine Morphine-3-β-D-Glucuronide Tetracycline Dexycorticosterone Naloxynhine Tetracycline Dexycorticosterone Naloxone Thebaine Diazepam Naloxone Thebaine Diazepam Naloxone Thebaine Diazepam Naloxone Thioridazine Diffunisal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Trimethoprim Dicofenac Naproxen Triindiazine Diphenhydramine Norcodeine Trimethoprim Ecgonine Hydrochloride Norcymorphone Trimethoprim Ecgonine Hydrochloride Norcymorphone Tryramine Ecgonine Hydrochloride Norcymorphone Tryramine E-Estradiol Nylidrin DL-Tryrosine Estrone-3-Sulfate Eltryl-p-Aminobenzoate Oxazepam Zomepirac	Ampicillin	Hydrocortisone	Phenelzine
Alropine         Ibuprofen         Phenylpropanolamine           Benzilic Acid         Imipramine         Prednisone           Benzole Acid         (·) Isoproterenol         Procaine           Benzoylecgonine         Isoxsuprine         Promazine           Butabarbital         Ketamine         Promethazine           Cannabidiol         Ketoprofen         DL-Propranolol           Chloral Hydrate         Labetalol         D-Propoxyphene           Chlordiazepoxide         Loperamide         Quinidine           Chlordiazepoxide         Loperamide         Quinidine           Chlordiazepoxide         Loperamide         Quinidine           Chlordiazepoxide         Meprobamate         Secobarbital           Chlordiazepoxide         Meprobamate         Secobarbital           Clonidine         Methadone         Serotonin (5-Hydroxytyramine)           Cocaine Hydrochloride         Met	Apomorphine	O-Hydroxyhippuric Acid	Phenobarbital
Benzilic Acid         Imipramine         Prednisone           Benzolc Acid         (·) Isoproterenol         Procaine           Benzoylecgonine         Isoxsuprine         Promazine           Butabarbital         Ketamine         Promethazine           Cannabidiol         Ketoprofen         DL-Propranolol           Chloral Hydrate         Labetalol         D-Propoxyphene           Chlordraphenicol         Levorphanol         D-Pseudoephedrine           Chlordrapoxide         Loperamide         Quinidine           Chlorothiazide         Loxapine Succinate         Quinine           Chlorothiazide         Loxapine Succinate         Quinine           Chlorothiazide         Maprotiline         Rantidine           Chlorothiazide         Meperidine         Salicylic acid           Cloridine         Meprobamate         Secobarbital           Clomigramine         Meprobamate         Secobarbital           Cloridine         Methadone         Serotonin (5-Hydroxytyramine)           Cocaine Hydrochloride         Methaqualone         Sulfamate           Cordine         Methylphenidate         Sulindac           Cordine         Methylphenidate         Sulindac           Cortisone         Methylphenidate	Aspartame	3-Hydroxytyramine	Prednisolone
Benzoic Acid Benzoylecgonine Benzoylecgonine Butabarbital Ketamine Duthabarbital Ketamine Promethazine Cannabidiol Chloral Hydrate Labetalol Chloral Hydrate Chloramphenicol Maprotiline Chalitamphenicol Chloramphenicol Chloramphenicol Chloramphenicol Meperidine Chloramphenicol Methaqualone Salicylic acid Cloramphenicol Sulfamethazine Cordiane Cordiane Methyprylon Methyprylon Temazepam Cyloramine Methyprylon Tetracycline Tetracycline Tetracycline Tetracycline Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalidxic Acid Creatinine Dexycorticosterone Nalidxic Acid Creatinine Dictoramphenicol Dictoramphenicol Timenine Dictoracol Nalidxic Acid Nalidxic Acid Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Norcodeine Trimipramine Doxylamine Norcodeine Trimipramine Dictoracol Dictoracolloride Norcompropoxyphene Trimipramine Dictoracid Di-Tryptophan P-Estradiol Nylidrin DL-Tryptophan DL-Tryptophan Festrone-3-Sulfate Di-Octopamine Uric acid Ethyl-p-Aminobenzoate Oxazepam Zomepirac	Atropine	Ibuprofen	Phenylpropanolamine
Benzoylecgonine Isoxsuprine Promazine Butabarbital Ketamine Promethazine Cannabidiol Ketoprofen DL-Propranolol Chloral Hydrate Labetalol D-Propoxyphene Chloramphenicol Levorphanol D-Pseudoephedrine Chloramphenicol Levorphanol D-Pseudoephedrine Chloramphenicol Loperamide Quinidine Chlorothiazide Loxapine Succinate Quinidine Chlorothiazide Loxapine Succinate Quinine Chloropromazine Maprotiline Ranitidine Cholesterol Meperidine Salicylic acid Clomipramine Meprobamate Secobarbital Clonidine Methadone Serotonin (5-Hydroxytyramine) Cocaine Hydrochloride Methaqualone Sulfamethazine Cocaine Hydrochloride Methyphenidate Sulindac Cortisone Methyprylon Temazepam (-) Cotinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidxic Acid Tetrahydrozoriisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrozoriisone Diazepam Naloxone Thebaine Diazepam Naltrexone Thiamine Diazepam Naltrexone Thiamine Didofenac Naproxen Thioridazine Diffunisal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Trifinoperazine Doxylamine Norcodeine Trimethoprim Ecgonine Hydrochloride Norcymorphone Trimethoprim Ecgonine Hydrochloride Norcymorphone Tryramine Ecgonine Hydrochloride Norcymorphone Tryramine Ecgonine Hydrochloride Norcymorphone Tryramine Erythromycin Noscapine Tyramine Estrone-3-Sulfate DI-Octopamine Uric acid Ethyl-p-Aminobenzoate Oxalic Acid Verapamil Fenoprofen	Benzilic Acid	Imipramine	Prednisone
Butabarbital Ketamine Promethazine Cannabidiol Ketoprofen DL-Propranolol Chloral Hydrate Labetalol D-Propoxyphene Chloramphenicol Levorphanol D-Pseudoephedrine Chlordiazepoxide Loperamide Quinidine Chlordiazepoxide Loperamide Quinidine Chlordiazepoxide Loxapine Succinate Quinine Chlorothiazide Loxapine Succinate Ranitidine Cholesterol Meperidine Salicylic acid Clomipramine Meprobamate Secobarbital Clonidine Methadone Serotonin (5-Hydroxytyramine) Cocaine Hydrochloride Methadone Sulfamethazine Codeine Methylphenidate Sulindac Cortisone Methylphenidate Sulindac Cortisone Methyprylon Temazepam (γ) Cotlinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidxic Acid Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Naloxone Thebaine Diazepam Naltrexone Thiamine Diazepam Naltrexone Thiamine Diacepam Nalcreanide Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Trimethoprim Doxylamine Norcodeine Trimethoprim Ecgonine Hydrochloride Noscapine Tyramine Eggonine Hydrochloride Noscapine Tyramine Eggonine Methyl Ester D-Norpropoxyphene Ut-Tryptophan Estrone-3-Sulfate DI-Octopamine Uric acid Ethyl-p-Aminobenzoate Oxalic Acid Verapamil Estrone-3-Sulfate Eenoprofen Oxazepam Zomepirac	Benzoic Acid	(-) Isoproterenol	Procaine
Cannabidiol         Ketoprofen         DL-Propranolol           Chloral Hydrate         Labetalol         D-Propoxyphene           Chloramphenicol         Levorphanol         D-Pseudoephedrine           Chlordrázepoxide         Loperamide         Quinidine           Chlorothiazide         Loxapine Succinate         Quinine           Chlorpromazine         Maprotiline         Ranitidine           Cholesterol         Meperidine         Salicylic acid           Clomipramine         Meprobamate         Secobarbital           Clonidine         Methadone         Serotonin (5-Hydroxytyramine)           Cociaine         Methydrochloride         Methaqualone         Sulfamethazine           Cordine         Methylphenidate         Sulindac           Creatinine         Morphine-3-β-D-Glucuronide         Tetracycline           Creatinine         Nalidixic Acid         Tetracycline           Deoxycorticosterone	Benzoylecgonine	Isoxsuprine	Promazine
Chloral Hydrate  Labetalol  D-Propoxyphene  Chloramphenicol  Levorphanol  D-Seudoephedrine  Chlordiazepoxide  Loperamide  Chlorpromazine  Chlorpromazine  Chlorpromazine  Maprotliine  Chlorpromazine  Maprotliine  Chlorpromazine  Meperidine  Salicylic acid  Clomipramine  Methadone  Cocaine Hydrochloride  Methadone  Cocaine Hydrochloride  Methaqualone  Cocaine Hydrochloride  Methyphenidate  Cortisone  Methyprylon  Methyprylon  Temazepam  (-) Cotinine  Morphine-3-β-D-Glucuronide  Tetracydine  Creatinine  Deoxycorticosterone  Nalidxic Acid  Malorphine  Dextromethorphan  Naloxone  Thebaine  Dicofenac  Nalorphine  Dicofenac  Najoroxen  Niedigine  Triamterene  Diphenhydramine  Dioxylamine  Norcodeine  Norcodeine  Norcodeine  Trimpromine  Dicytrophydrochloride  Norcodeine  Trimpromine  Dicytramine  Diphenhydramine  Norcodeine  Trimpromine  Doxylamine  Norcodeine  Trimpromine  Codeine  Doxylamine  Norcodeine  Trimpromine  Doxylamine  Norcodeine  Trimpromine  Doxylamine  Doxylamine  Norcodeine  Trimpromine  Doxylamine  Doxylamine  Norcodeine  Trimpromine  Doxylamine  Doxylamine  Norcodeine  Trimpromine  Doxylamine	Butabarbital	Ketamine	Promethazine
Chloramphenicol Levorphanol D-Pseudoephedrine Chlordiazepoxide Loperamide Quinidine Chlorothiazide Loxapine Succinate Quinidine Chlorothiazide Loxapine Succinate Quinidine Chlorothiazide Ranitidine Ranitidine Cholesterol Meperdine Salicylic acid Clomipramine Meprobamate Secobarbital Clonidine Methadone Secobarbital Clonidine Methaqualone Sulfamethazine Cocaine Hydrochloride Methaqualone Sulfamethazine Cocaine Hydrochloride Methyprylon Temazepam (-) Cotinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidxic Acid Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrocortisone Objectione Dextromethorphan Naloxone Thebaine Diazepam Naltrexone Thiamine Diclofenac Naproxen Thioridazine Diffunisal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Dipoxylamine Norcodeine Triffuoperazine Doxylamine Norcodeine Triffuoperazine Doxylamine Norcodeine Triffuoperazine Doxylamine Norcothoride Norcothoride Tryramine Ecgonine Hydrochloride Norcothoride Tryramine Di-Strome-3-Sulfate Etryl-p-Aminobenzoate Oxalic Acid Verapamil Fenoprofen Oxazepam Zomepirac	Cannabidiol	Ketoprofen	DL-Propranolol
Chlordiazepoxide Loperamide Quinidine Chlorothiazide Loxapine Succinate Quinine Chlorpromazine Maprotiline Ranitidine Cholesterol Meperidine Salicylic acid Clomipramine Meprobamate Secobarbital Clonidine Methadone Serotonin (5-Hydroxytyramine) Cocaine Hydrochloride Methadone Sulfamethazine Codeine Methylphenidate Sulindac Cordisone Methylphenidate Sulindac Cordisone Methyprylon Temazepam (γ) Cotlinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidxic Acid Tetracycline Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrocorlisone Diazepam Naltrexone Thiamine Diazepam Naltrexone Thiamine Diclofenac Naproxen Thioridazine Diffunisal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Dipylamine Norcodeine Triffuoperazine Doxylamine Norcodeine Trimethoprim Ecgonine Hydrochloride Noroxymorphone Trimethoprim Ergognine Methyl Ester D-Norpropoxyphene DL-Tryptophan Eythromycin Noscapine Tyramine B-Estradiol Nylidrin DL-Tryosine Estrone-3-Sulfate DI-Octopamine Uric acid Ethyl-p-Aminobenzoate Oxalic Acid Verapamil Fenoprofen Oxazepam Zomepirac	Chloral Hydrate	Labetalol	D-Propoxyphene
Chlorothiazide Loxapine Succinate Quinine Chlorpromazine Maprotiline Ranitidine Cholesterol Meperidine Salicylic acid Clomipramine Meprobamate Secobarbital Clonidine Methadone Serotonin (5-Hydroxytyramine) Cocaine Hydrochloride Methaqualone Sulfamethazine Cordiene Methyprylon Temazepam (-) Cotlinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidxic Acid Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrozoline Dextromethorphan Naloxone Thebaine Diazepam Naltrexone Thiamine Dictofenac Naproxen Thioridazine Diflunisal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Trimtetneprim Doxylamine Norcodeine Trimtetnoprim Ecgonine Hydrochloride Noroxymorphone Trimipramine Ecgonine Methyl Ester D-Norpopoxyphene DL-Tryptophan Erythromycin Noscapine Tyramine B+Estradiol Nylidrin DL-Tyrosine Estrone-3-Sulfate Di-Octopamine Uraceide Fenoprofen Oxazepam Zomepirac	Chloramphenicol	Levorphanol	D-Pseudoephedrine
Chlorpromazine Maprotiline Ranitidine Cholesterol Meperidine Salicylic acid Clomipramine Meprobamate Secobarbital Clomidine Methadone Secobarbital Clondidne Methadone Secobarbital Clondidne Methadone Secobarbital Cocaine Hydrochloride Methaqualone Sulfamethazine Codeine Methylphenidate Sulindac Cortisone Methyprylon Temazepam (-) Cotinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidxic Acid Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrocortisone 3 (β-D-Glucuronide) Dextromethorphan Naloxone Thebaine Diazepam Naltrexone Thiamine Diclofenac Naproxen Thioridazine Diflunisal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Trifluoperazine Doxylamine Norcodeine Trimethoprim Ecgonine Hydrochloride Noroxymorphone Trimethoprim Ecgonine Methyl Ester D-Norpropoxyphene DL-Tryptophan Erythromycin Noscapine Tyramine Di-Ctropamine Ut-1 cacid Ethyl-p-Aminobenzoate Oxalic Acid Verapamil Fenoprofen Oxazepam Zomepirac	Chlordiazepoxide	Loperamide	Quinidine
Cholesterol         Meperidine         Salicylic acid           Clomipramine         Meprobamate         Secobarbital           Clonidine         Methadone         Serotonin (5-Hydroxytyramine)           Cocaine Hydrochloride         Methaqualone         Sulfamethazine           Codeine         Methylphenidate         Sulindac           Cortisone         Methyprylon         Temazepam           (-) Cotinine         Morphine-3-β-D-Glucuronide         Tetracycline           Creatinine         Nalidixic Acid         Tetrahydrocortisone 3 (β-D-Glucuronide)           Deoxycorticosterone         Nalorphine         Tetrahydrocortisone 3 (β-D-Glucuronide)           Dexycorticosterone         Nalorphine         Tetrahydrocortisone 3 (β-D-Glucuronide)           Dicofenac         Nalorphine         Thetaine           Dicofenac         Naproxen         Thioridazine           Diffucinac         Naproxen         Thior	Chlorothiazide	Loxapine Succinate	Quinine
Clomipramine         Meprobamate         Secobarbital           Clonidine         Methadone         Serotonin (5-Hydroxytyramine)           Cocaine Hydrochloride         Methaqualone         Sulfamethazine           Codeine         Methylphenidate         Sulindac           Cordisone         Methyphylon         Terracycline           (-) Cotlinine         Morphine-3-β-D-Glucuronide         Tetracycline           Creatinine         Nalidixic Acid         Tetrahydrocortisone 3 (β-D-Glucuronide)           Deoxycorticosterone         Nalorphine         Tetrahydrocortisone 3 (β-D-Glucuronide)           Dextromethorphan         Naloxone         Thebaine           Dextromethorphan         Naloxone         Thebaine           Diazepam         Naltrexone         Thiamine           Dictofenac         Naproxen         Thioridazine           Diffunisal         Niacinamide         Tolbutamide           Digoxin         Nifedipine         Triamterene           Dipkenhydramine         Norcodeine         Trifluoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimpramine           Ecgoponine Hydrochloride         Noroxymorphone         Trimpramine      <	Chlorpromazine	Maprotiline	Ranitidine
Clonidine         Methadone         Serotonin (5-Hydroxytyramine)           Cocaine Hydrochloride         Methaqualone         Sulfamethazine           Codeine         Methylphenidate         Sulindac           Cortisone         Methyprylon         Temazepam           (-) Cotinine         Morphine-3-β-D-Glucuronide         Tetracycline           Creatinine         Nalidixic Acid         Tetrahydrocortisone 3 (β-D-Glucuronide)           Deoxycorticosterone         Nalorphine         Tetrahydrozoline           Dextromethorphan         Naloxone         Thebaine           Diazepam         Naltrexone         Thiamine           Dictofenac         Naproxen         Thioridazine           Diffunisal         Niacinamide         Tolbutamide           Digoxin         Nifedipine         Triamterene           Diphenhydramine         Norcodeine         Trifluoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfat	Cholesterol	Meperidine	Salicylic acid
Cocaine Hydrochloride Methaqualone Sulfamethazine Codeine Methylphenidate Sulindac Cortisone Methylphenidate Sulindac Cortisone Methyprylon Temazepam (	Clomipramine	Meprobamate	Secobarbital
Codeine         Methylphenidate         Sulindac           Cortisone         Methyprylon         Temazepam           (-) Cotinine         Morphine-3-β-D-Glucuronide         Tetracycline           Creatinine         Nalidixic Acid         Tetracycline           Deoxycorticosterone         Nalorphine         Tetrahydrozoriisone 3 (β-D-Glucuronide)           Dextromethorphan         Naloxone         Tetrahydrozoline           Dextromethorphan         Naloxone         Thebaine           Diazepam         Naltrexone         Thiamine           Diclofenac         Naproxen         Thioridazine           Diflourisal         Niacinamide         Tolbutamide           Digoxin         Nifedipine         Triamterene           Dipkenhydramine         Norcodeine         Trifluoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimpramine           Ecgogonine Methyl Ester         D-Norpropoxyphene         DL-Trytophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate	Clonidine	Methadone	Serotonin (5-Hydroxytyramine)
Cortisone Methyprylon Temazepam (-) Cothinie Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidixic Acid Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrozoline Destromethorphan Naloxone Thebaine Diazepam Naltrexone Thiamine Dictofenac Naproxen Thioridazine Diflunisal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Trifluoperazine Doxylamine Norcodeine Trimethoprim Ecgonine Hydrochloride Noroxymorphone Trimipramine Ecgopine Methyl Ester D-Norpropoxyphene DL-Tryptophan Erythromycin Noscapine Tyramine B-Estradiol Nylidrin DL-Tyrosine Estrone-3-Sulfate DI-Octopamine Urca cidd Efenoprofen Oxazepam Zomepirac	Cocaine Hydrochloride	Methaqualone	Sulfamethazine
(·) Cotinine Morphine-3-β-D-Glucuronide Tetracycline Creatinine Nalidixic Acid Glucuronide Deoxycorticosterone Nalorphine Tetrahydrocortisone 3 (β-D-Glucuronide) Deoxycorticosterone Nalorphine Tetrahydrozoline Dextromethorphan Naloxone Thebaine Dilazepam Naltrexone Thiamine Dicofenac Naproxen Thiamine Diflorinsal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Trifluoperazine Doxylamine Norcothindrone Trimethoprim Ecgonine Hydrochloride Noroxymorphone Trimipramine Ecgonine Methyl Ester D-Norpropoxyphene DL-Tryptophan Erythromycin Noscapine Tyramine β-Estradiol Nylidrin DL-Tryrosine Estrone-3-Sulfate DI-Octopamine Urica cid Ethyl-ρ-Aminobenzoate Oxale Acid Verapamil Fenoprofen Oxazepam Zomepirac	Codeine	Methylphenidate	Sulindac
Creatinine         Nalidixic Acid         Tetrahydrocortisone 3 (β-D-Glucronide)           Deoxycorticosterone         Nalorphine         Tetrahydrozoline           Dextromethorphan         Naloxone         Thebaine           Diazepam         Naltrexone         Thiamine           Dicofenac         Naproxen         Thiamine           Diflunisal         Niacinamide         Tolbutamide           Digoxin         Nifedipine         Triamterene           Diphenhydramine         Norcodeine         Trifluoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Cortisone	Methyprylon	Temazepam
Creatinine         Natioxic Acid         Glucuronide)           Deoxycorticosterone         Nalorphine         Tetrahydrozoline           Dextromethorphan         Naloxone         Thebaine           Diazepam         Naltrexone         Thiamine           Diclofenac         Naproxen         Thioridazine           Diffunisal         Niacinamide         Tolbutamide           Digoxin         Nifedipine         Triamterene           Diphenhydramine         Norcodeine         Trifluoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimpramine           Ecgognine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         Dl-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxatic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	(-) Cotinine	Morphine-3-β-D-Glucuronide	
Deoxycorticosterone Nalorphine Tetrahydrozoline Dextromethorphan Naloxone Thebaine Diazepam Naltrexone Thiamine Diclofenac Naproxen Thioridazine Diflunisal Niacinamide Tolbutamide Digoxin Nifedipine Triamterene Diphenhydramine Norcodeine Trifluoperazine Doxylamine Norethindrone Trimethoprim Eggenine Hydrochloride Noroxymorphone Trimipramine Ecgonine Methyl Ester D-Norpropoxyphene DL-Tryptophan Erythromycin Noscapine Tyramine P-Estradiol Nylidrin DL-Tyrosine Estrone-3-Sulfate DI-Octopamine Urica did Ethyl-p-Aminobenzoate Oxalic Acid Verapamil Fenoprofen Oxazepam Zomepirac	Creatinine	Nalidixic Acid	
Diazepam         Naltrexone         Thiamine           Diclofenac         Naproxen         Thioridazine           Diffunisal         Niacinamide         Tolbutamide           Digoxin         Niffedipine         Triamterene           Diphenhydramine         Norcodeine         Triffluoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Nopropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Deoxycorticosterone	Nalorphine	
Dictofenac         Naproxen         Thioridazine           Diffunisal         Niacinamide         Tolbutamide           Digoxin         Nifedipine         Triamterene           Diphenhydramine         Norcodeine         Triffuoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Dextromethorphan	Naloxone	Thebaine
Diffunisal         Niacinamide         Tolbutamide           Digoxin         Nifedipine         Triamterene           Diphenhydramine         Norcodeine         Trifluoperazine           Doxylamine         Norethindrone         Trimethoprim           Eogonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Diazepam	Naltrexone	Thiamine
Digoxin         Nifedipine         Triamterene           Diphenhydramine         Norcodeine         Trifluoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uri cald           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Diclofenac	Naproxen	Thioridazine
Diphenhydramine         Norcodeine         Trifluoperazine           Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Diflunisal	Niacinamide	Tolbutamide
Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           F-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Digoxin	Nifedipine	Triamterene
Doxylamine         Norethindrone         Trimethoprim           Ecgonine Hydrochloride         Noroxymorphone         Trimipramine           Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           F-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Diphenhydramine	Norcodeine	Trifluoperazine
Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac		Norethindrone	
Ecgonine Methyl Ester         D-Norpropoxyphene         DL-Tryptophan           Erythromycin         Noscapine         Tyramine           β-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Ecgonine Hydrochloride	Noroxymorphone	Trimipramine
B-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac		D-Norpropoxyphene	DL-Tryptophan
B-Estradiol         Nylidrin         DL-Tyrosine           Estrone-3-Sulfate         DI-Octopamine         Uric acid           Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	Erythromycin	Noscapine	Tyramine
Ethyl-p-Aminobenzoate         Oxalic Acid         Verapamil           Fenoprofen         Oxazepam         Zomepirac	β-Estradiol	Nylidrin	
Fenoprofen Oxazepam Zomepirac	Estrone-3-Sulfate	DI-Octopamine	Uric acid
	Fenoprofen	Oxazepam	Zomepirac
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Non Cross-Reacting Compound	s - Morphine	
4-Acetamidophenol	Ecgonine Methyl Ester	Oxolinic Acid
Acetophenetidin	(-)-Ψ-Ephedrine	Oxymetazoline
N-Acetylprocainamide	Erythromycin	Papaverine
Acetylsalicylic Acid	β-Estradiol	Penicillin-G
Aminopyrine	Estrone-3-Sulfate	Pentazocine
Amitriptyline	Ethyl-p-Aminobenzoate	Pentobarbital
Amobarbital	Fenoprofen	Perphenazine
Amoxicillin	Furosemide	Phencyclidine
Ampicillin	Gentisic acid	Phenelzine
Ascorbic Acid	Hemoglobin	Phenobarbital
DL-Amphetamine	Hydralazine	Phentermine
Apomorphine	Hydrochlorothiazide	L-Phenylephrine
Aspartame	Hydrocortisone	β-Phenylethylamine
Atropine	O-Hydroxyhippuric Acid	Phenylpropanolamine
Benzilic Acid	p-Hydroxymethamphetamine	Prednisone
Benzoic Acid	3-Hydroxytyramine	DL-Propranolol
Benzoylecgonine	Ibuprofen	D-Propoxyphene
Benzphetamine	Imipramine	D-Pseudoephedrine
Bilirubin (±)	Iproniazid	Quinidine
Brompheniramine	Isoproterenol	Quinine
Caffeine	Isoxsuprine	Ranitidine
Cannabidiol	Ketamine	Salicylic Acid
Chloral Hydrate	Ketoprofen	Secobarbital
Chloramphenicol	Labetalol	Serotonin (5-Hydroxytyramine)
Chlordiazepoxide	Loperamide	Sulfamethazine
Chlorothiazide	Maprotiline	Sulindac
(±) Chlorpheniramine	Meperidine	Temazepam
Chlorpromazine	Meprobamate	Tetracycline
Chloroquine	Methadone	Tetrahydrocortisone 3 (β-D- Glucuronide)
Cholesterol	Methoxyphenamine	Tetrahydrozoline
Clomipramine	(+) 3,4- Methylenedioxyamphetamine	Thiamine
Clonidine	(+)3,4- Methylenedioxymethamphetamine	Thioridazine
Cocaine Hydrochloride	Nalidixic Acid	DL-Tyrosine
Cortisone	Nalorphine	Tolbutamide
(-) Cotinine	Naloxone	Triamterene
Creatinine	Naltrexone	Trifluoperazine
Deoxycorticosterone	Naproxen	Trimethoprim
Dextromethorphan	Niacinamide	Trimipramine
Diazepam	Nifedipine	Tryptamine
Diclofenac	Norethindrone	DL-Tryptophan
Diflunisal	D-Norpropoxyphene	Tyramine
Digoxin	Noscapine	Uric Acid
Diphenhydramine	DL-Octopamine	Verapamil
Doxylamine	Oxalic Acid	Zomepirac
Ecgonine Hydrochloride	Oxazepam	

# Non Cross-Reacting Compounds - Methadone

A continue to continue	E- di	0
Acetaminophen	Erythromycin	Oxycodone
Acetophenetidin	β-Estradiol	Oxymetazoline
N-Acetylprocainamide	Estrone-3-Sulfate	Papaverine
Acetylsalicylic Acid	Ethyl-p-Aminobenzoate	Penicillin-G
Aminopyrine	Fenoprofen	Pentazocine Hydrochloride
Amitriptyline	Furosemide	Pentobarbital
Amobarbital	Gentisic Acid	Perphenazine
Amoxicillin	Hemoglobin	Phencyclidine
Ampicillin	Hydralazine	Phenelzine
L-Ascorbic Acid	Hydrochlorothiazide	Phenobarbital
DL-Amphetamine Sulfate	Hydrocodone	Phentermine
Apomorphine	Hydrocortisone	L-Phenylephrine
Aspartame	O-Hydroxyhippuric Acid	β-Phenylethylamine
Atropine	p-Hydroxyamphetamine	Phenylpropanolamine
Benzilic Acid	p-Hydroxymethamphetamine	Prednisolone
Benzoic Acid	3-Hydroxytyramine	Prednisone
Benzoylecgonine	Ibuprofen	Procaine
Benzphetamine	Imipramine	Promazine
Bilirubin	Iproniazid	Promethazine
Caffeine	(±) - Isoproterenol	DL-Propranolol
Cannabidiol	Isoxsuprine	D-Propoxyphene
Cannabinol	Ketamine	D-Pseudoephedrine
Chloral Hydrate	Ketoprofen	Quinacrine
Chloramphenicol	Labetalol	Quinidine

Chlorothiazide	Levorphanol	Quinine
Chlorpromazine	Loperamide	Ranitidine
Chloroquine	Maprotiline	Salicylic Acid
Cholesterol	Meperidine	Secobarbital
Clomipramine	Meprobamate	Serotonin
Clonidine	Methamphetamine	Sulfamethazine
Cocaethylene	Methoxyphenamine	Sulindac
Temazepam	(±)-3,4- Methylenedioxyamphetamine Hydrochloride	Tetracycline
Cocaine Hydrochloride	(±)-3,4- Methylenedioxymethamphetamine Hydrochloride	Tetrahydrocortisone 3 (β-D-Glucuronide)
Codeine	Morphine-3-β-D-Glucuronide	Tetrahydrozoline
Cortisone	Morphine Sulfate	Thebaine
(-) Cotinine	Nalidixic Acid	Thiamine
Creatinine	Naloxone	Thioridazine
Deoxycorticosterone	Naltrexone	DL-Tyrosine
Dextromethorphan	Naproxen	Tolbutamide
Diazepam	Niacinamide	Triamterene
Diclofenac	Nifedipine	Trifluoperazine
Diflunisal	Norcodeine	Trimethoprim
Digoxin	Norethindrone	Trimipramine
Diphenhydramine	D-Norpropoxyphene	Tryptamine
Ecgonine Hydrochloride	Noscapine	DL-Tryptophan
Ecgonine Methyl Ester	DL-Octopamine	Tyramine
(-)-Ψ-Ephedrine	Oxalic Acid	Uric Acid
[1R,2S] (-) Ephedrine	Oxazepam	Verapamil
(L)-Epinephrine	Oxolinic Acid	Zomepirac

Non	Cross-React	tina Com	pounds -	Oxycodone

Non Cross-Reacting Compour	ias - Oxycodone	
Acetophenetidin	Ethyl-p-Aminobenzoate	Papaverine
Acetylsalicylic Acid	β-Estradiol	Penicillin-G
Aminopyrine	Estrone-3-Sulfate	Perphenazine
Amoxicillin	Erythromycin	Phenelzine
Ampicillin	Fenoprofen	L-Phenylephrine
Apomorphine	Furosemide	β-Phenylethylamine
Aspartame	Gentisic Acid	Phenylpropanolamine
Atropine	Hemoglobin	Prednisone
Benzilic Acid	Hydralazine	Loperamide
Benzoic Acid	Hydrochlorothiazide	Quinine
Benzphetamine	Hydrocortisone	Quinidine
Bilirubin	O-Hydroxyhippuric Acid	Ranitidine
Deoxycorticosterone	3-Hydroxytyramine	Salicylic acid
Caffeine	Labetalol	Serotonin
Chloral Hydrate	DL-Isoproterenol	Sulfamethazine
Chloramphenicol	Meprobamate	Sulindac
Chlorothiazide	Methoxyphenamine	Tetracycline
DL-Chlorpheniramine	Nalidixic Acid	Tetrahydrocortisone
Chlorpromazine	Naloxone	Morphine-3-β-D-Glucuronide
Chloroquine	Naltrexone	Tetrahydrozoline
Cholesterol	Naproxen	Thiamine
Clonidine	Niacinamide	Thioridazine
L-Cotinine	Nifedipine	DL-Tyrosine
Cortisone	Isoxsuprine	Tolbutamide
Creatinine	DL-Propranolol	Triamterene
D-Pseudoephedrine	Ketoprofen	Trifluoperazine
Dextromethorphan	Norethindrone	Trimethoprim
Diclofenac	D-Norpropoxyphene	Tyramine
Diflunisal	Noscapine	DL-Tryptophan
Digoxin	DL-Octopamine	Urine acid
Diphenhydramine	Oxalic acid	Verapamil
L-Ephedrine	Oxolinic acid	Zomepirac
Ecgonine Methyl Ester	Oxymetazoline	

# Non Cross-Reacting Compounds - Phencyclidine

Acetaminophen	(-)-Ψ-Ephedrine	Oxycodone
Acetophenetidin	Erythromycin	Oxymetazoline
N-Acetylprocainamide	β-Estradiol	Papaverine
Acetylsalicylic Acid	Estrone-3-Sulfate	Penicillin-G
Aminopyrine	Ethyl-p-Aminobenzoate	Pentazocine Hydrochloride
Amitriptyline	Fenoprofen	Pentobarbital
Amobarbital	Furosemide	Perphenazine
Amoxicillin	Gentisic Acid	Phenelzine
Ampicillin	Hemoglobin	Phenobarbital
Ascorbic Acid	Hydralazine	Phentermine

DL-Amphetamine	Hydrochlorothiazide	L-Phenylephrine
Apomorphine Acid	Hydrocodone	β-Phenylethylamine
Aspartame	Hydrocortisone	Phenylpropanolamine
Atropine	O-Hydroxyhippuric	Prednisolone
Benzilic Acid	p-Hydroxymethamphetamine	Prednisone
Benzoic Acid	3-Hydroxytyramine	Procaine
Benzoylecgonine	Ibuprofen	Promazine
Benzphetamine	Imipramine	Promethazine
Bilirubin	Iproniazid	DL-Propranolol
Brompheniramine	(±)-Isoproterenol	D-Propoxyphene
Caffeine	Isoxsuprine	D-Pseudoephedrine
Cannabidiol	Ketamine	Quinidine
Cannabinol	Ketoprofen	Quinine
Chloral Hydrate	Labetalol	Ranitidine
Chloramphenicol	Loperamide	Salicylic Acid
Chlordiazepoxide	Maprotiline	Secobarbital
Chlorothiazide	Meperidine	Serotonin (5-Hydroxytyramine)
(±) Chlorpheniramine	Meprobamate	Sulfamethazine
Chlorpromazine	Methadone	Sulindac
Chloroquine	Methoxyphenamine	Temazepam
Cholesterol	(+) 3,4- Methylenedioxyamphetamine	Tetracycline
Clomipramine	(+)3,4- Methylenedioxymethamphetamine	Tetrahydrocortisone 3 (β-D- Glucuronide)
Clonidine	Morphine-3-β-D-Glucuronide	Tetrahydrozoline
Cocaine Hydrochloride	Morphine Sulfate	Thiamine
Codeine	Nalidixic Acid	Thioridazine
Cortisone	Naloxone	DL-Tyrosine
(-) Cotinine	Naltrexone	Tolbutamide
Creatinine	Naproxen	Triamterene
Deoxycorticosterone	Niacinamide	Trifluoperazine
Dextromethorphan	Nifedipine	Trimethoprim
Diazepam	Norcodeine	Trimipramine
Diclofenac	Norethindrone	Tryptamine
Diflunisal	D-Norpropoxyphene	DL-Tryptophan
Digoxin	Noscapine	Tyramine
Diphenhydramine	DL-Octopamine	Uric Acid
Doxylamine	Oxalic Acid	Verapamil
Ecgonine Hydrochloride	Oxazepam	Zomepirac
Ecgonine Methyl Ester	Oxolinic Acid	

Non Cross-Reacting Compounds - Butalbital

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Acetaminophen	Erythromycin	Nortriptyline
Acetophenetidin	β-Estradiol	O-Hydroxyhippuric Acid
Acetylsalicylic Acid	Estrone-3-Sulfate	DL-Octopamine
Aminopyrine	Ethyl-p-Aminobenzoate	Oxalic Acid
Amitriptyline	Fenoprofen	Oxazepam
Amoxicillin	Furosemide	Oxolinic Acid
Amphetamine	Gentisic Acid	Oxycodone
Ampicillin	Hemoglobin	Oxymetazoline
Apomorphine	Hydralazine	Papaverine
Ascorbic Acid	Hydrochlorothiazide	Penicillin-G
Aspartame	Hydrocodone	Pentazocine
Atropine	Hydrocortisone	Perphenazine
Benzilic Acid	p-Hydroxyamphetamine	Phencyclidine
Benzoic Acid	p-Hydroxymethamphetamine	Phenelzine
Benzoylecgonine	3-Hydroxytyramine	β-Phenethylamine
Bilirubin	Ibuprofen	Phenylpropanolamine
Brompheniramine	Imipramine	Prednisolone
Buprenorphine	(-) Isoproterenol	Prednisone
Caffeine	Isoxsuprine	Procaine
Cannabidiol	Ketamine	Promazine
Cannabinol	Ketoprofen	Promethazine
Chloral Hydrate	Labetalol	DL-Propranolol
Chloramphenicol	Levorphanol	D-Propoxyphene
Chlorothiazide	Loperamide	Quinidine
(±)Chlorpheniramine	L-Phenylephrine	Quinine
Chlorpromazine	Maprotiline	Ranitidine
Chloroquine	Meperidine	Salicylic Acid
Cholesterol	Meprobamate	Serotonin
Clomipramine	Morphine	Sulfamethazine
Clonidine	Morphine-3-β-D-Glucuronide	Sulindac
Cocaine Hydrochloride	Methadone	Temazepam
Codeine	Methamphetamine	Tetracycline
Cortisone	(±)-3,4-	Tetrahydrozoline

	Methylenedioxyamphetamine Hydrochloride	
(-)Cotinine	Methylenedioxymethamphetamine	Thebaine
Creatinine	Morphine Sulfate	Thiamine
Deoxycorticosterone	N-Acetylprocainamide	Thioridazine
Dextromethorphan	Nalidixic acid	Triamterene
Diazepam	Naloxone	Trifluoperazine
Diclofenac	Naltrexone	Trimethoprim
Diflunisal	Naproxen	Trimipramine
Digoxin	Niacinamide	Tryptamine
Diphenhydramine	Nifedipine	DL-Tyrosine
Doxylamine	Norcodeine	Uric Acid
Ecgonine Hydrochloride	Norethindrone	Verapamil
Ecgonine Methyl Ester	D-Norpropoxyphene	Zomepirac
(IR,2S)(-)Ephedrine	Noscapine	
2-Ethylidene-1,5-Dimethyl-3,3- Diphenylpyrrolidine	11-nor-Δ <sup>9</sup> -THC-9-COOH	

Non Cross-Reacting Compounds - Buprenorphine

Non Cross-Reacting Compound		1
4-Acetamidophenol	Erythromycin	Oxolinic Acid
Acetophenetidin	β-Estradiol	Oxycodone
N-Acetylprocainamide	Estrone-3-Sulfate	Oxymetazoline
Acetylsalicylic Acid	Ethyl-p-Aminobenzoate	Papaverine
Aminopyrine	Fenoprofen	Penicillin-G
Amobarbital	Furosemide	Pentazocine Hydrochloride
Amoxicillin	Gentisic acid	Pentobarbital
Ampicillin	Hemoglobin	Perphenazine
L-Ascorbic Acid	Hydralazine	Phencyclidine
Amphetamine	Hydrochlorothiazide	Phenelzine
Apomorphine	Hydrocodone	Phenobarbital
Aspartame	Hydrocortisone	Phentermine
Atropine	O-Hydroxyhippuric Acid	β-Phenylethylamine
Benzilic Acid	p-Hydroxyamphetamine	Trans-2-Phenylcyclopropylamine Hydrochloride
Benzoic Acid	p-Hydroxymethamphetamine	L-Phenylephrine
Benzoylecgonine	3-Hydroxytyramine	Phenylpropanolamine
Benzphetamine	Ibuprofen	Prednisolone
Bilirubin	Iprazid	Prednisone
(±) - Brompheniramine	(±) - Isoproterenol	Procaine
Butalbital	Isoxsuprine	DL-Propranolol
Caffeine	Ketamine	D-Propoxyphene
Cannabidiol	Ketoprofen	D-Pseudoephedrine
Cannabinol	Labetalol	Quinacrine
Chloral Hydrate	Loperamide	Quinidine
Chloramphenicol	3,4-Methylenedioxy-N- ethylamphetamine	Quinine
Chlorothiazide	Meperidine	Ranitidine
(±) Chlorpheniramine	Meprobamate	Salicylic Acid
Chlorpromazine	Methadone	Secobarbital
Chloroquine	(L)Methamphetamine	Serotonin
Cholesterol	Methoxyphenamine	Sulfamethazine
Clonidine	(±)-3,4- Methylenedioxyamphetamine Hydrochloride	Sulindac
Cocaethylene	Methylenedioxymethamphetamine	Tetracycline
Cocaine Hydrochloride	Morphine	Tetrahydrocortisone 3 (β-D- Glucuronide)
Codeine	Morphine-3-β-D-Glucuronide	Tetrahydrozoline
Cortisone	Morphine Sulfate	Thiamine
(-) Cotinine	Nalidixic Acid	Thioridazine
Creatinine	Naloxone	DL-Tyrosine
Deoxycorticosterone	Naltrexone	Tolbutamide
Dextromethorphan	Naproxen	Triamterene
Diclofenac	Niacinamide	Trifluoperazine
Diflunisal	Nifedipine	Trimethoprim
Digoxin	Norcodeine	Tryptamine
Diphenhydramine	Norethindrone	DL-Tryptophan
Doxylamine	D-Norpropoxyphene	Tyramine
Ecgonine Hydrochloride	11-nor- Δ <sup>9</sup> -THC-9-COOH	Uric Acid
Ecgonine Methyl Ester	Nortriptyline	Verapamil
Ephedrine	Noscapine	Zomepirac
(L) - Epinephrine	Oxalic Acid	
2-Ethylidene-1,5-Dimethyl-3,3-	+	t

# Non Cross-Reacting Compounds - Morphine

Acebutolol	(-)-Ψ-Ephedrine	Oxymetazoline
Acetylpromazine-d6	Erythromycin	Hydroxymethamphetamine

4-Acetamidophenol	β-Estradiol	Papaverine
Acetophenetidin	Estrone-3-Sulfate	Penicillin-G
N-Acetylprocainamide	Ethyl-p-Aminobenzoate	Pentazocine
Acetylsalicylic Acid	2-Ethylidene-1,5-Dimethyl-3,3- Diphenylpyrrolidine	Pentobarbital
Aminopyrine	Fenoprofen	Perphenazine
Amitriptyline	Furosemide	Phencyclidine
Amobarbital	Gentisic Acid	Phenelzine
Amoxicillin	Hemoglobin	Phenobarbital
Ampicillin	Hydralazine	Phentermine
Ascorbic Acid	Hydrochlorothiazide	L-Phenylephrine
Amphetamine	Hydrocortisone	β-Phenethylamine
L-Amphetamine	O-Hydroxyhippuric Acid	β-Phenylethylamine
Apomorphine	3-Hydroxytyramine	Phenylpropanolamine
Aspartame	Ibuprofen	Prednisolone
Atropine	Imipramine	Prednisone
Benzilic Acid	Iprazid	Promazine
Benzoic Acid	(-)-Isoproterenol	Promethazine
Benzoylecgonine	Isoxsuprine	DL-Propranolol
Benzphetamine	Ketamine	D-Propoxyphene
Bilirubin	Ketoprofen	D-Pseudoephedrine
Brompheniramine	Labetalol	Quinidine
Buprenorphine	Loperamide	Quinine
Butalbital	Maprotiline	Ranitidine
Caffeine	Meprobamate	Salicylic Acid
Chloral Hydrate	Methadone	Secobarbital
Chloramphenicol	Methamphetamine	Serotonin (5-Hydroxytyramine)
Chlordiazepoxide	Methoxyphenamine	Sulfamethazine
Chlorothiazide	(+)3,4- Methylenedioxyamphetamine	Sulindac
(±) Chlorpheniramine	Methylenedioxymethamphetamine	Temazepam
Chlorpromazine	Methylphenidate	Tetracycline
Chloroquine	Nalorphine	Tetrahydrocortisone 3 (β-D- Glucuronide)
Cholesterol	Naloxone	Tetrahydrozoline
Clomipramine	Nalidixic Acid	Thiamine
Clonidine	Naltrexone	Thioridazine
Cocaine Hydrochloride	Naproxen	DL-Thyroxine
Cortisone	Niacinamide	Tolbutamide
(-) Cotinine	Nifedipine	Triamterene
Creatinine	Norcodeine	Trifluoperazine
Deoxycorticosterone	Norethindrone	Trimethoprim
Dextromethorphan	D-Norpropoxyphene	Trimipramine
Diazepam	11-nor-∆ <sup>0</sup> -THC-9-COOH	Tryptamine
Diclofenac	Nortriptyline	DL-Tryptophan
Diflunisal	Noscapine	Tyramine
Digoxin	DL-Octopamine	DL-Tyrosine
Diphenhydramine	Oxalic Acid	Uric Acid
	0	Verapamil
Doxylamine	Oxazepam	
Doxylamine  Ecgonine Hydrochloride  Ecgonine Methyl Ester	Oxycodone Oxolinic Acid	Zomepirac

Acetaminophen	Ecgonine Hydrochloride	o-Hydroxyhippuric Acid
Acetophenetidin	Ecgonine Methyl Ester	Oxalic Acid
Acetylsalicylic Acid	(IR,2S)(-)Ephedrine	Oxazepam
Amobarbital	Erythromycin	Oxolinic Acid
Aminopyrine	β-Estradiol	Oxycodone
Amitriptyline	Estrone-3-Sulfate	Oxymetazoline
Amoxicillin	Ethyl p-Aminobenzoate	Papaverine
DL-Amphetamine Sulfate	Fenoprofen	Penicillin-G
Ampicillin	Furosemide	Pentazocine
Apomorphine	Gentisic Acid	Pentobarbital
Ascorbic Acid	Hemoglobin	Perphenazine
Aspartame	Hydralazine	Phencyclidine
Atropine	Hydrochlorothiazide	Phenelzine
Benzilic Acid	Hydrocodone	Phenobarbital
Benzoic Acid	Hydrocortisone	Phentermine
Benzoylecgonine	p-Hydroxyamphetamine	β-Phenylethylamine
Bilirubin	p-Hydroxymethamphetamine	Phenylpropanolamine
Brompheniramine	3-Hydroxytyramine	Prednisolone
Caffeine	Ibuprofen	Prednisone
Cannabidiol	Imipramine	Procaine
Cannabinol	(-) Isoproterenol	Promazine
Chloral Hydrate	Isoxsuprine	Promethazine

Chloramphenicol	Ketamine	Quinidine
Chlorothiazide	Ketoprofen	Quinine
(±)-Chlorpheniramine	Labetalol	Ranitidine
Chlorpromazine	Levorphanol	Salicylic Acid
Chloroquine	Loperamide	Secobarbital
Cholesterol	L-Phenylephrine	Serotonin
Clomipramine	Maprotiline	Sulfamethazine
Clonidine	Meperidine	Sulindac
Cocaine Hydrochloride	Meprobamate	Temazepam
Codeine	Methamphetamine	Tetracycline
(-)Cotinine	Methoxyphenamine	Tetrahydrocortisone 3 (β-D- Glucuronide)
Cortisone	(±) - 3,4- Methylenedioxyamphetamine Hydrochloride	Tetrahydrozoline
Creatinine	(±)-3,4- Methylenedioxymethamphetamine Hydrochloride	Thebaine
Deoxycorticosterone	Morphine Sulfate	Thiamine
Dextromethorphan	Morphine-3-β-D-Glucuronide	Thioridazine
Diazepam	N-Acetylprocainamide	Triamterene
Diclofenac	Nalidixic Acid	Trifluoperazine
Diflunisal	Naloxone	Trimethoprim
Digoxin	Naltrexone	Trimipramine
Diphenhydramine	Naproxen	Tryptamine
D-Norpropoxyphene	Niacinamide	DL-Tryptophan
D-Propoxyphene	Nifedipine	Tyramine
DL-Tyrosine	Norcodeine	Uric Acid
DL-Octopamine	Norethindrone	Verapamil
DL-Propranolol	Noscapine	Zomepirac

	ds - Methylenedioxymethamphet	
4-Acetamidophenol	(L) - Epinephrine	Pentobarbital
Acetophenetidin	Erythromycin	Perphenazine
N-Acetylprocainamide	β-Estradiol	Phencyclidine
Acetylsalicylic Acid	Estrone-3-Sulfate	Phenelzine
Aminopyrine	Ethyl-P-Aminobenzoate	Phenobarbital
Amitriptyline	Fenoprofen	Phentermine
Amobarbital	Furosemide	Trans-2-Phenylcyclopropylamine Hydrochloride
Amoxicillin	Gentisic Acid	L-Phenylephrine
Ampicillin	Hemoglobin	B-Phenylethylamine
L-Ascorbic Acid	Hydralazine	Phenylpropanolamine
Apomorphine	Hydrochlorothiazide	Prednisolone
Aspartame	Hydrocodone	Prednisone
Atropine	Hydrocortisone	Procaine
Benzilic Acid	O-Hydroxyhippuric Acid	Promazine
Benzoic Acid	3-Hydroxytyramine	Promethazine
Benzoylecgonine	Ibuprofen	DL-Propranolol
Bilirubin	Imipramine	D-Propoxyphene
(±) - Brompheniramine	Iproniazid	D-Pseudoephedrine
Buspirone	(±) - Isoproterenol	Quinacrine
Caffeine	Isoxsuprine	Quinidine
Cannabidiol	Ketamine	Quinine
Cannabinol	Ketoprofen	Ranitidine
Chloral Hydrate	Labetalol	Salicylic Acid
Chloramphenicol	Levorphanol	Secobarbital
Chlordiazepoxide	Loperamide	Serotonin (5-Hydroxytyramine)
Chlorothiazide	Maprotiline	Sulfamethazine
(±) - Chlorpheniramine	Meperidine	Sulindac
Chlorpromazine	Meprobamate	Sustiva
Chloroquine Methylphenidate	Methadone	Temazepam
Cholesterol	Morphine-3-β-D-Glucuronide	Tetracycline
Clomipramine	Morphine Sulfate	Tetrahydrocortisone 3 (β-D- Glucuronide)
Clonidine	Nalidixic Acid	Tetrahydrozoline
Cocaethylene	Naloxone	Thebaine
Cocaine Hydrochloride	Naltrexone	Theophylline
Codeine	Naproxen	Thiamine
Cortisone	Niacinamide	Thioridazine
(-) Cotinine	Nifedipine	Tolbutamide
Creatinine	Nimesulide	Trazodone
Deoxycorticosterone	Norcodeine	Triamterene
Dextromethorphan	Norethindrone	DL-Tyrosine
Diclofenac	D-Norpropoxyphene	Trifluoperazine
Diazepam	Noscapine	Trimethoprim

Diflunisal	D,L-Octopamine	Trimipramine
Digoxin	Oxalic Acid	Tryptamine
Dicyclomine	Oxazepam	D L-Tryptophan
Diphenhydramine	Oxolinic Acid	Tyramine
5,5 - Diphenylhydantoin	Oxycodone	Uric Acid
Doxylamine	Oxymetazoline	Verapamil
Ecgonine Hydrochloride	Papaverine	Zomepirac
Ecgonine Methyl Ester	Penicillin-G	
[1r.2s](-) Ephedrine	Pentazocine Hydrochloride	

Non Cross-Reacting Compounds - Nortriptyline

Non Cross-Reacting Compout 4-Acetamidophenol	Erythromycin	Oxycodone	
Acetophenetidin	β-Estradiol	Oxymetazoline	
N-Acetylprocainamide	Estrone-3-Sulfate	Papaverine	
Acetylsalicylic Acid	Ethyl-P-Aminobenzoate	Penicillin-G	
	Fenoprofen		
Aminopyrine		Pentazocine Hydrochloride	
Amobarbital	Furosemide	Pentobarbital	
Amoxicillin	Gentisic Acid	Perphenazine	
Ampicillin	Hemoglobin	Phencyclidine	
L-Ascorbic Acid	Hydralazine	Phenelzine	
DL-Amphetamine Sulfate	Hydrochlorothiazide	Phenobarbital	
Apomorphine	Hydrocodone	Phentermine	
Aspartame	Hydrocortisone	β-Phenylethylamine	
Atropine	O-Hydroxyhippuric Acid	Trans-2-Phenylcyclopropylamine Hydrochloride	
Benzilic Acid	P-Hydroxyamphetamine	L-Phenylephrine	
Benzoic Acid	P-Hydroxymethamphetamine	Phenylpropanolamine	
Benzoylecgonine	3-Hydroxytyramine	Prednisolone	
Benzphetamine	Ibuprofen	Prednisone	
Bilirubin	Iproniazid	Procaine	
(±) - Brompheniramine	(±) - Isoproterenol	DL-Propranolol	
Caffeine	Isoxsuprine	D-Propoxyphene	
Cannabidiol	Ketamine	D-Pseudoephedrine	
Cannabinol	Ketoprofen	Quinacrine	
Chloral Hydrate	Labetalol	Quinidine	
Chloramphenicol	Loperamide	Quinine	
Chlorothiazide	MDE	Ranitidine	
(±) Chlorpheniramine	Meperidine	Salicylic Acid	
Chlorpromazine	Meprobamate	Secobarbital	
Chloroquine	Methadone	Serotonin	
Cholesterol	(L)Methamphetamine	Sulfamethazine	
Clonidine	Methoxyphenamine	Sulindac	
Cocaethylene	(±)-3,4- Methylenedioxyamphetamine Hydrochloride	Tetracycline	
Cocaine Hydrochloride	(+)3,4- Methylenedioxymethamphetamine Hydrochloride	Tetrahydrocortisone 3 (β-D- Glucuronide)	
Codeine	Morphine-3-β-D-Glucuronide	Tetrahydrozoline	
Cortisone	Morphine Sulfate	Thiamine	
(-)Cotinine	Nalidixic Acid	Thioridazine	
Creatinine	Naloxone	DL-Tyrosine	
Deoxycorticosterone	Naltrexone	Tolbutamide	
Dextromethorphan	Naproxen	Triamterene	
Diclofenac	Niacinamide	Trifluoperazine	
Diflunisal	Nifedipine	Trimethoprim	
Digoxin	Norcodeine	Tryptamine	
Diphenhydramine	Norethindrone	DL-Tryptophan	
Doxylamine	D-Norpropoxyphene	Tyramine	
Ecgonine Hydrochloride	Noscapine	Uric Acid	
Ecgonine Methyl Ester	Oxalic Acid	Verapamil	
Ephedrine Ephedrine	Oxazepam	Zomepirac	

Lay 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. Unter samples were prepared at the following concentrations; negative, +/-75%, +/-55%, +/-25% of the cutoff by spiking drug(s) into drug free-pooled urine specimens. The concentrations of the samples were confirmed by GC/MS. Each sample was aliquoted into individual containers and blind-labeled. Each participant was considered and advantage. The results are supported by the processing insert, 1 blind labeled sender and advance. The results are supporting the blay. provided with the package insert, 1 blind labeled sample and a device. The results are summarized below.

	Number of	D-Amphetamine Concentration	Lay Perso		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	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%

	Number of	Benzoylecgonine	Lay Perso	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	71	0	20	100%
-50% Cutoff	20	142.5	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%

	Number of	11-nor-Δ <sup>9</sup> -THC-9-COOH	Lay Perso	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	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%

	Number of Oxazepan	Oxazepam Concentration by	Lay Perso	The Percentage	
% of Cutoff	Samples	GC/MS (ng/mL)	No. of Positive	No. of Positive	Agreement (%)
-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%

% of Cutoff Number Sample	Number of	Methamphetamine	Lay Perso	The Percentage	
	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 Morphine Concentration	Morphine Concentration by	Lay Person 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 Methadone Concentration by	Lay Person 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	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	Oxycodone Concentration by	Lay Perso	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	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 Person 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	of Butalbital Concentration by	Lay Person 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 Samples	p	Lay Person Results		The Percentage
% of Cutoff			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%

	Number of	Morphine Concentration by	Lay Person 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	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%
+75%Cutoff	20	516	20	0	100%

	Number of EDDP Concentration by	Lay Person 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	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%

	Methylenedioxy-	Lay Perso	Lay Person Results		
% of Cutoff	Number of Samples	methamphetamine 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 Nortriptyline Concentration by	Lay Person Results		The Percentage	
% of Cutoff	Samples	GC/MS (ng/mL)	No. of Positive	No. of Positive	Agreement (%)
-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

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  2. Ambre J, J, Anal. Toxicol. 1985; 9:241.
  3. 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

Manufactured for: Hemosure, Inc. 5358 Irwindale Ave. Irwindale, CA 91706 www.hemosure.com

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# 折叠示意图

客户名称	W. H. P. M					
成品名称	First Sign ECOII尿杯说明书(Hemosure, 升级)	原材料编码	Y0311149702			
成品尺寸	279. 4x215. 9mm	日期	2016. 09. 22			
制作要求	80g铜版纸,四色印刷,裁切准确,折页(折后尺寸: 93.13x215.9mm)如左图所示					
备注	打样后再生产					
设计者		复 核				