

Precision and Sensitivity - Benzoylcegonine

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

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	4/46
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- Δ^8 -THC-9-COOH

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
12.5	50	50/0
25	50	50/0
37.5	50	50/0
50	50	4/46
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	3/47
62.5	50	0/50
75	50	0/50
87.5	50	0/50
100	50	0/50

Lot 3

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	3/47
62.5	50	0/50
75	50	0/50
87.5	50	0/50
100	50	0/50

Precision and Sensitivity - Oxazepam

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

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	4/46
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- Methamphetamine

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	4/46
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	3/47
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	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
500	50	50/0
1000	50	50/0
1500	50	50/0
2000	50	3/47
2500	50	0/50
3000	50	0/50
3500	50	0/50
4000	50	0/50

Lot 2

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
500	50	50/0
1000	50	50/0
1500	50	50/0
2000	50	3/47
2500	50	0/50
3000	50	0/50
3500	50	0/50
4000	50	0/50

Lot 3

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
500	50	50/0
1000	50	50/0
1500	50	50/0
2000	50	4/46
2500	50	0/50
3000	50	0/50
3500	50	0/50
4000	50	0/50

Precision and Sensitivity - Methadone

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

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	1/49
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	4/46
125	50	0/50
150	50	0/50
175	50	0/50
200	50	0/50

Lot 2

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
25	50	50/0
50	50	50/0
75	50	50/0
100	50	3/47
125	50	0/50
150	50	0/50
175	50	0/50
200	50	0/50

Lot 3

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

Precision and Sensitivity - Phencyclidine

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
6.3	50	50/0
12.5	50	50/0
18.8	50	50/0
25	50	3/47
31.3	50	0/50
37.5	50	0/50
43.8	50	0/50
50	50	0/50

Lot 2

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
6.3	50	50/0
12.5	50	50/0
18.8	50	50/0
25	50	2/48
31.3	50	0/50
37.5	50	0/50
43.8	50	0/50
50	50	0/50

Lot 3

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
6.3	50	50/0
12.5	50	50/0
18.8	50	50/0
25	50	2/48
31.3	50	0/50
37.5	50	0/50
43.8	50	0/50
50	50	0/50

Precision and Sensitivity - Butalbital

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

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	4/46
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

Lot 2

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
2.5	50	50/0
5	50	50/0
7.5	50	50/0
10	50	3/47
12.5	50	0/50
15	50	0/50
17.5	50	0/50
20	50	0/50

Lot 3

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
2.5	50	50/0
5	50	50/0
7.5	50	50/0
10	50	3/47
12.5	50	0/50
15	50	0/50
17.5	50	0/50
20	50	0/50

Precision and Sensitivity - 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	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	1/49
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

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
75	50	50/0
150	50	50/0
225	50	50/0
300	50	3/47
375	50	0/50
450	50	0/50
525	50	0/50
600	50	0/50

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

Precision and Sensitivity - Methylendioxyamphetamine

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	2/48
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 2

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
125	50	50/0
250	50	50/0
375	50	50/0
500	50	3/47
625	50	0/50
750	50	0/50
875	50	0/50
1000	50	0/50

Lot 3

Approximate concentration of sample (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

Precision and Sensitivity - Nortriptyline

Lot 1

Approximate concentration of sample (ng/mL)	Number of determinations	Results Negative/Positive
0	50	50/0
250	50	50/0
500	50	50/0
750	50	50/0
1000	50	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	2/48
1250	50	0/50
1500	50	0/50
1750	50	0/50
2000	50	0/50

Specificity and Cross Reactivity

To test the specificity of the test, the test device was used to D-Amphetamine, Benzoylcgonine, 11-nor- Δ^8 -THC-9-COOH, Oxazepam, Methamphetamine, Morphine, Methadone, Phencyclidine, Oxycodone, Butalbital, Buprenorphine, Morphine, 2-Ethylidene-1,5-Dimethyl-3,3-Diphenylpyrrolidine, Methylendioxyamphetamine, and 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 = 1,000ng/mL)	Positive at 1000ng/mL
1-Amphetamine	Positive at 10000ng/mL
d1-Amphetamine	Positive at 500ng/mL
(+/-) 3,4-methylenedioxyamphetamine (MDA)	Positive at 1300ng/mL
Phentermine	Positive at 10000ng/mL
Apomorphine	Positive at 5000ng/mL
β -Phenethylamine	Positive at 2500ng/mL
Tyramine	Positive at 1000ng/mL
Tryptamine	Positive at 2500ng/mL
d-Methamphetamine	>100000
l-Methamphetamine	>100000
Ephedrine	>100000
3,4-Methylenedioxyethylamphetamine (MDE)	>100000

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

11-nor- Δ^8 -THC-9-COOH	Result
(11-nor- Δ^8 -THC-9-COOH, Cutoff = 50ng/mL)	Positive at 50ng/mL
11-hydroxy- Δ^8 -Tetrahydrocannabinol	Positive at 1500ng/mL
Δ^8 -Tetrahydrocannabinol	Positive at 800ng/mL
Δ^9 -Tetrahydrocannabinol	Positive at 700ng/mL
Cannabinol	>200000
Cannabidiol	>200000

Oxazepam	Result
(Oxazepam, Cutoff = 300ng/mL)	Positive at 300ng/mL
Alprazolam	Positive at 125ng/mL
<i>n</i> - Hydroxylalprazolam	Positive at 250ng/mL
Bromazepam	Positive at 1565ng/mL
Chlordiazepoxide	Positive at 1560ng/mL
Clobazam	Positive at 65ng/mL
Clonazepam	Positive at 1000ng/mL
Clorazepate dipotassium	Positive at 195ng/mL
Delorazepam	Positive at 1560ng/mL
Desalkylfurazepam	Positive at 1565ng/mL
Diazepam	Positive at 115ng/mL
Estazolam	Positive at 165ng/mL
Flunitrazepam	Positive at 166ng/mL
Midazolam	Positive at 650ng/mL
Nitrazepam	Positive at 300ng/mL
Norchlordiazepoxide	Positive at 250ng/mL
Nordiazepam	Positive at 400ng/mL
Temazepam	Positive at 100ng/mL
Triazolam	Positive at 250ng/mL
D,L-Lorazepam	Negative at \leq 10 ³ ng/mL
Methamphetamine	Negative at \leq 10 ³ ng/mL
Morphine	Negative at \leq 10 ³ ng/mL

Methamphetamine	Result
(D-Methamphetamine, Cutoff = 1000ng/mL)	Positive at 1000ng/mL
(+/-)3,4-Methylenedioxy-n-ethylamphetamine (MDEA)	Positive at 4160ng/mL
DL-Methamphetamine	Positive at 1000ng/mL
p-Hydroxymethamphetamine	Positive at 2700ng/mL
(+/-)3,4-Methylenedioxyamphetamine (MDMA)	Positive at 8000ng/mL
L-Methamphetamine	Positive at 1000ng/mL
Trimethobenzamide	Negative at \leq 10 ³ ng/mL
Chloroquine	Negative at \leq 10 ³ ng/mL
Ephedrine	Negative at \leq 10 ³ ng/mL
Fenfluramine	Negative at \leq 10 ³ ng/mL
Procaine (Novocain)	Negative at \leq 10 ³ ng/mL
Ranitidine (Zantac)	Negative at \leq 10 ³ ng/mL
D-Amphetamine	Negative at \leq 10 ³ ng/mL

L-Amphetamine	Negative at \leq 10 ³ ng/mL
Oxazepam	Negative at \leq 10 ³ ng/mL
Morphine	Negative at \leq 10 ³ 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 1600ng/mL
σ -Monoacetylmorphine	Positive at 1000ng/mL
Morphine 3- β -D-Glucuronide	Positive at 1300ng/mL
Thebaine	Negative at \leq 10 ³ ng/mL
Norcodeine	Negative at \leq 10 ³ ng/mL
Normorphine	Negative at \leq 10 ³ ng/mL
Oxycodone	Negative at \leq 10 ³ ng/mL
Oxymorphone	Negative at \leq 10 ³ ng/mL
Procaine	Negative at \leq 10 ³ ng/mL
Oxazepam	Negative at \leq 10 ³ ng/mL
Methamphetamine	Negative at \leq 10 ³ ng/mL

Methadone	Result
(Methadone, Cutoff = 300ng/mL)	Positive at 300ng/mL
LAAM	Positive at 1000ng/mL
Alphamethadol	Negative at \leq 10 ³ ng/mL
Doxylamine	Negative at \leq 10 ³ ng/mL
EDDP	Negative at \leq 10 ³ ng/mL
EMDP	Negative at \leq 10 ³ 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 \leq 10 ³ ng/mL
Morphine-3- β -Glucuronide	Negative at \leq 10 ³ ng/mL
Codeine	Negative at \leq 10 ³ ng/mL
Hydromorphone	Negative at \leq 10 ³ ng/mL
Morphine	Negative at \leq 10 ³ ng/mL
Acetylmorphine	Negative at \leq 10 ³ ng/mL
Buprenorphine	Negative at \leq 10 ³ ng/mL
Ethylmorphine	Negative at \leq 10 ³ 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 \leq 10 ³ ng/mL
Oxymorphone	Negative at \leq 10 ³ ng/mL
Hydromorphone	Negative at \leq 10 ³ ng/mL

Morphine	Result
(Morphine, Cutoff = 300ng/mL)	Positive at 300ng/mL
6-Acetylmorphine	Positive at 750ng/mL
Codeine	Positive at 300ng/mL
Ethyl Morphine	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 ³ ng/mL
Procaine	Negative at ≤ 10 ³ ng/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-diphenylpyrrolidine (EMDP)	Negative at ≤ 10 ³ ng/mL
Disopyramide	Negative at ≤ 10 ³ ng/mL
Methadone	Negative at ≤ 10 ³ ng/mL
Levo-alpha-acetylmethadol (LAAM) HCl	Negative at ≤ 10 ³ ng/mL
Alphamethadol	Negative at ≤ 10 ³ ng/mL
Doxylamine	Negative at ≤ 10 ³ ng/mL

Methylenedioxyamphetamine	Result
(Methylenedioxyamphetamine, Cutoff = 500ng/mL)	Positive at 500ng/mL
3,4-Methylenedioxyamphetamine HCl (MDA)	Positive at 8000ng/mL
3,4-Methylenedioxyethylamphetamine (MDEA)	Positive at 1000ng/mL
(-)-ψ-Ephedrine	Positive at 40000ng/mL
d-methamphetamine	Negative at ≤ 10 ³ ng/mL
d-amphetamine	Negative at ≤ 10 ³ ng/mL
l-amphetamine	Negative at ≤ 10 ³ ng/mL
l-methamphetamine	Negative at ≤ 10 ³ ng/mL

Nortriptyline	Result
(Nortriptyline, Cutoff = 1000ng/mL)	Positive at 1000ng/mL
Amiritypyline	Positive at 1500ng/mL
Clomipramine	Positive at 1500ng/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 ³ ng/mL
Promethazine	Negative at ≤ 10 ³ ng/mL
Norclomipramine	Negative at ≤ 10 ³ 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 cut-off levels respectively. The **First Sign® Drug of Abuse Dip Card 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 Dip Card Test**. The results demonstrate that varying ranges of pH do not interfere with the performance of the test.

Non Cross-Reacting Compounds - D-Amphetamine

4-Acetamidophenol	L-Ephedrine	Oxycodone
Acetophenetidin	(-) Y Ephedrine	Oxymetazoline
N-Acetylprocainamide	Erythromycin	Papaverine
Acetylsalicylic acid	β-Estradiol	Penicillin-G
Aminopyrine	Estrone-3-sulfate	Pentazocine
Amiritypyline	Ethyl-p-aminobenzoate	Pentobarbital
Amobarbital	Fenfluramine	Perphenazine
Amoxicillin	Fenpropafen	Phencyclidine
Ampicillin	Furosemide	Phenelzine
Ascorbic acid	Gentisic acid	Phenobarbital
Aspartame	Hemoglobin	
Atropine	Hydralazine	L-Phenylephrine
Benzilic acid	Hydrochlorothiazide	Phenylpropanolamine
Benzoic acid	Hydrocodone	Prednisolone
Benzoylcegonine	Hydrocortisone	Prednisone
Bilirubin	O-Hydroxyhippuric acid	Procaine
Brompheniramine	3-Hydroxytyramine	Promazine
Caffeine	Ibuprofen	Promethazine
Cannabidiol	Imipramine	D,L-Propranolol
Cannabinol	(-) Isoproterenol	D-Propoxyphene
Chloralhydrate	Isosuprine	Quinidine

Chloramphenicol	Ketamine	Quinine
Chlordiazepoxide	Ketoprofen	Ranitidine
Chlorothiazide	Labelalol	Salicylic acid
(±) Chlorpheniramine	Levorphanol	Secobarbital
Chlorpromazine	Loperamide	Sulfamethazine
Chlorquine	Maprotiline	Sulindac
Cholesterol	Meperidine	Temazepam
Clomipramine	Meprobamate	Tetracycline
Clonidine	Methadone	Tetrahydrocortisone
Cocaine hydrochloride	Methylphenidate	Tetrahydrozoline
Codeine	Morphine-3-D-Glucuronide	Δ ³ -THC-COOH
Cortisone	Nalidixic acid	Thebaine
(-) Cotinine	Naloxone	Thiamine
Creatinine	Naltrexone	Thionidazine
Deoxycorticosterone	Naproxen	D,L-Thyroxine
Dextromethorphan	Niacinamide	Tolbutamine
Diazepam	Nifedipine	Triamterene
Diclofenac	Norcodein	Trifluoperazine
Diffunisal	Norethindrone	Trimethoprim
Digoxin	D-Norpropoxyphene	Trimipramine
Diphenhydramine	Noscapine	Tryptamine
Doxylamine	D,L-Octopamine	D, L-Tyrosine
Egongine hydrochloride	Oxalic acid	Uric acid
Egongine methylester	Oxazepam	Verapamil
(IR, 2S)-(-)-Ephedrine	Oxolinic acid	Zomepirac

Non Cross-Reacting Compounds - Benzoylcegonine

Acetaminophen	Estrone-3-sulfate	Oxymetazoline
Acetophenetidin	Ethyl-p-aminobenzoate	Papaverine
N-Acetylprocainamide	Fenoprofen	Penicillin-G
Acetylsalicylic acid	Furosemide	Pentobarbital
Aminopyrine	Gentisic acid	Perphenazine
Amiritypyline	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	Isosuprine	DL-Propranolol
Caffeine	Ketamine	D-Propoxyphene
Cannabidiol	Ketoprofen	D-Pseudoephedrine
Cannabinol	Labelalol	Quinidine
Chloralhydrate	Levorphanol	Quinine
Chloramphenicol	Loperamide	Ranitidine
Chlordiazepoxide	Maprotiline	Salicylic acid
Chlorothiazide	Meperidine	Secobarbital
(±) Chlorpheniramine	Meprobamate	Serotonin
Chlorpromazine	Methadone	Sulfamethazine
Chlorquine	Methoxyphenamine	Sulindac
Cholesterol	(±) (-)-3,4-Methylenedioxyamphetamine	Temazepam
Clomipramine	hydrochloride(±)-3,4-Methylenedioxyamphetamine 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	Thionidazine
Deoxycorticosterone	Naproxen	DL-Tyrosine
Dextromethorphan	Niacinamide	Tolbutamide
Diazepam	Nifedipine	Triamterene
Diclofenac	Norcodein	Trifluoperazine
Diffunisal	Norethindrone	Trimethoprim
Digoxin	D-Norpropoxyphene	Trimipramine
Diphenhydramine	Noscapine	Tryptamine
Doxylamine	DL-Octopamine	DL-Tryptophan
Egongine hydrochloride	Oxalic acid	Tyramine
Egongine methylester	Oxazepam	Uric acid
(-) Y Ephedrine		

Erythromycin	Oxolinic acid	Verapamil
β-Estradiol	Oxycodone	Zomepirac

Non Cross-Reacting Compounds - 11-nor-Δ³-THC-COOH

4-Acetamidophenol	β-Estradiol	Papaverine
Acetophenetidin	Estrone-3-sulfate	Penicillin-G
N-Acetylprocainamide	Ethyl-p-aminobenzoate	Pentazocine
Acetylsalicylic acid	Fenoprofen	Pentobarbital
Aminopyrine	Furosemide	Perphenazine
Amiritypyline	Gentisic acid	Phencyclidine
Amobarbital	Hemoglobin	Phenelzine
Amoxicillin	Hydralazine	Phenobarbital
Ampicillin	Hydrochlorothiazide	Phentermine
Ascorbic acid	Hydrocodone	L-Phenylephrine
D,L-Amphetamine	Hydrocortisone	β-Phenylethylamine
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
Benzoylcegonine	Isosuprine	Promethazine
Benzphetamine	Ketamine	D,L-Propranolol
Bilirubin	Labelalol	D-Propoxyphene
Brompheniramine	Levorphanol	D-Pseudoephedrine
Caffeine	Loperamide	Quinidine
Chloralhydrate	Maprotiline	Quinine
Chloramphenicol	Meprobamate	Ranitidine
Chlordiazepoxide	Methadone	Salicylic acid
Chlorothiazide	Methoxyphenamine	Secobarbital
(±) Chlorpheniramine	(+)-3,4-Methylenedioxyamphetamine	Serotonin (5-Hydroxytyramine)
Chlorpromazine	(+)-3,4-Methylenedioxyamphetamine	Sulfamethazine
Chlorquine	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	Thionidazine
Creatinine	Niacinamide	D, L-Thyroxine
Deoxycorticosterone	Nifedipine	Tolbutamine
Dextromethorphan	Norcodein	Triamterene
Diazepam	Norethindrone	Trifluoperazine
Diclofenac	D-Norpropoxyphene	Trimethoprim
Diffunisal	Noscapine	Trimipramine
Digoxin	D,L-Octopamine	Tryptamine
Diphenhydramine	Oxalic acid	D, L-Tryptophan
Doxylamine	Oxazepam	Tyramine
Egongine hydrochloride	Oxolinic acid	PrD, L-Tyrosine
Egongine methylester	Oxycodone	Uric acid
(-) Y Ephedrine	Oxymetazoline	Verapamil
Erythromycin	p-Hydroxymethamphetamine	Zomepirac

Non Cross-Reacting Compounds - Oxazepam

4-Acetamidophenol	Diphenhydramine	D,L-Octopamine
Acetophenetidin	Doxylamine	Oxalic acid
N-Acetylprocainamide	Ecaonine dydrochloride	Oxolinic acid
Acetylsalicylic acid	Egongine methylester	Pentobarbital
Aminopyrine	(-) Y-Ephedrine	Perphenazine
Amiritypyline	Fenoprofen	Phencyclidine
Amobarbital	Furosemide	Phenelzine
Amoxicillin	Gentisic acid	Phenobarbital
Ampicillin	Hemoglobin	Phentermine
L-Ascorbic acid	Hydrocortisone	L-Phenylephrine
D,L-Amphetamine	O-Hydroxyhippuric acid	β-Phenylethylamine
Apomorphine	p-Hydroxymethamphetamine	Phenylpropanolamine
Aspartame	3-Hydroxytyramine	Prednisone
Atropine	Ibuprofen	D,L-Propranolol
Benzilic acid	Imipramine	D-Pseudoephedrine
Benzoic acid	Iproniazid	Quinine
Benzoylcegonine	(±)Isoproterenol	Ranitidine
Benzphetamine	Isosuprine	Salicylic acid

Bilirubin	Ketamine	Secobarbital
(±) Chlorpheniramine	Ketoprofen	Serotonin (5-Hydroxytyramine)
Caffeine	Labeltalol	Sertraline
Cannabidiol	Loperamide	Sulfamethazine
Chloralhydrate	Maprotiline	Sulindac
Chloramphenicol	Meperidine	Tetrahydrocortisone 3 (β-D-Glucuronide)
Chlorothiazide	Meprobamate	Tetrahydrozoline
(±)Chlorpheniramine	Methadone	Thiamine
Chlorpromazine	Methoxyphenamine	Thioridazine
Chlorquine	(+)-3,4-Methylenedioxyamphetamine	D, L-Tyrosine
Cholesterol	(+)-3,4-Methylenedioxyamphetamine	Tolbutamide
Clomipramine	Nalidixic acid	Triamterene
Clonidine	Nalorphine	Trifluoperazine
Cocaine hydrochloride	Naloxone	Trimethoprim
Cortisone	Naltrexone	Triptamine
(-)cotinine	Naproxen	D, L-Tryptophan
Creatinine	Niacinamide	Tyramine
Dextromethorphan	Nifedipine	Uric acid
Diclofenac	Norethindrone	Verapamil
Diffunisal	D-Norpropoxyphene	Zomepirac
Diaoxin	Noscapine	Sulfamethazine

Non Cross-Reacting Compounds - Methamphetamine

Acetamidophen	Gentisic acid	Oxycodone
Acetophenetidin	Glucuronide	Oxymetazoline
N-Acetylprocainamide	Glutethimide	Papaverine
Acetylsalicylate	Guafenesin	Penicillin-G
Aminopyrine	Hippuric acid	Pentazocine
Amityryptiline	Hydralazine	Pentobarbital
Amobarbital	Hydrochlorothiazide	Perphenazine
Amoxicillin	Hydrocodone	Phencyclidine
Ampicillin	Hydrocortisone	Phenelzine
Apomorphine	O-Hydroxyhippuric acid	Phenobarbital
Aspartame	3-Hydroxytyramine	Prednisolone
Atropine	Ibuprofen	Phenylpropanolamine
Benzilic acid	Imipramine	Prednisone
Benzoic acid	(-) Isoproterenol	Procaine
Benzoylcegonine	Isoxsuprine	Promazine
Butabartital	Ketamine	Promethazine
Cannabidiol	Ketoprofen	D, L-Propranolol
Chloralhydrate	Labeltalol	D-Propoxyphene
Chloramphenicol	Lovorphanol	D-Pseudoephedrine
Chlordiazepoxide	Loperamide	Quinidine
Chlorothiazide	Loxapine succinate	Quinine
Chlorpromazine	Maprotiline	Ranitidine
Cholesterol	Meperidine	Salicylic acid
Clomipramine	Meprobamate	Secobarbital
Clonidine	Methadone	Serotonin (5-Hydroxytyramine)
Cocaine hydrochloride	Methaqualone	Sulfamethazine
Codeine	Methylphenidol	Sulindac
Cortisone	Methypnylon	Temazepam
(-) Cotinine	Morphine-3-β-D-Glucuronide	Tetracycline
Creatinine	Nalidixic acid	Tetrahydrocortisone 3 (β-D-Glucuronide)
Deoxycorticosterone	Nalorphine	Thebaine
Dextromethorphan	Naloxone	Thiamine
Diazepam	Naltrexone	Thiamine
Diclofenac	Naproxen	Thioridazine
Diffunisal	Niacinamide	Tolbutamide
Digoxin	Nifedipine	Triamterene
Diphenhydramine	Norcodein	Trifluoperazine
Doxylamine	Norethindrone	Trimethoprim
Ecgonine hydrochloride	Noroxymorphone	Trimipramine
Ecgonine methyl ester	D-Norpropoxyphene	D, L-Tryptophan
Erythromycin	Noscapine	Tyramine
β-Estradiol	Nylidrin	D, L-Tyrosine
Estrone-3-sulfate	Uric acid	Uric acid
Ethyl-p-aminobenzoate	Oxalic acid	Verapamil
Fenoprofen	Oxazepam	Zomepirac
Furosemide	Oxolinic acid	

Non Cross-Reacting Compounds - Morphine

4-Acetamidophenol	Ecgonine methylester	Oxolinic acid
Acetophenetidin	(-) -Y -Ephedrine	Oxymetazoline

N-Acetylprocainamide	Erythromycin	Papaverine
Acetylsalicylic acid	β-Estradiol	Penicillin-G
Aminopyrine	Estrone-3-sulfate	Pentazocine
Amityryptiline	Ethyl-p-aminobenzoate	Pentobarbital
Amobarbital	Fenoprofen	Perphenazine
Amoxicillin	Furosemide	Phencyclidine
Ampicillin	Gentisic acid	Phenelzine
Ascorbic acid	Hemoglobin	Phenobarbital
D, L-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	D, L-Propranolol
Benzoylcegonine	Ibuprofen	D-Propoxyphene
Benzphetamine	Imipramine	D-Pseudoephedrine
Bilirubin (±)	Iproniazid	Quinidine
Brompheniramine	Isoproterenol	Quinine
Caffeine	Isoxsuprine	Ranitidine
Cannabidiol	Ketamine	Salicylic acid
Chloralhydrate	Ketoprofen	Secobarbital
Chloramphenicol	Labeltalol	Serotonin (5-Hydroxytyramine)
Chlordiazepoxide	Loperamide	Sulfamethazine
Chlorothiazide	Maprotiline	Sulindac
(±) Chlorpheniramine	Meperidine	Temazepam
Chlorpromazine	Meprobamate	Tetracycline
Chlorquine	Methadone	Tetrahydrocortisone 3 (β-D-Glucuronide)
Cholesterol	Methoxyphenamine	Tetrahydrozoline
Clomipramine	(+) 3,4-Methylenedioxyamphetamine	Thiamine
Clonidine	(+)-3,4-Methylenedioxyamphetamine	Thioridazine
Cocaine hydrochloride	Nalidixic acid	D, L-Tyrosine
Cortisone	Nalorphine	Tolbutamide
(-) Cotinine	Naloxone	Triamterene
Creatinine	Naltrexone	Trifluoperazine
Deoxycorticosterone	Naproxen	Trimethoprim
Dextromethorphan	Niacinamide	Trimipramine
Diazepam	Nifedipine	Tryptamine
Diclofenac	Norethindrone	D, L-Tryptophan
Diffunisal	D-Norpropoxyphene	Tyramine
Digoxin	Noscapine	Uric acid
Diphenhydramine	D, L-Octopamine	Verapamil
Doxylamine	Oxalic acid	Zomepirac
Ecgonine hydrochloride	Oxazepam	

Non Cross-Reacting Compounds - Methadone

Acetaminophen	Erythromycin	Oxycodone
Acetophenetidin	β-Estradiol	Oxymetazoline
N-Acetylprocainamide	Estrone-3-sulfate	Papaverine
Acetylsalicylic acid	Ethyl-p-aminobenzoate	Penicillin-G
Aminopyrine	Fenoprofen	Pentazocine hydrochloride
Amityryptiline	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
Benzoylcegonine	Ibuprofen	Procaine
Benzphetamine	Imipramine	Promazine
Bilirubin	Iproniazid	Promethazine
Caffeine	(±) - Isoproterenol	DL-Propranolol
Cannabidiol	Isoxsuprine	D-Propoxyphene
Cannabinol	Ketamine	D-Pseudoephedrine
Chloralhydrate	Ketoprofen	Quinacrine
Chloramphenicol	Labeltalol	Quinidine
Chlorothiazide	Lovorphanol	Quinine
Chlorpromazine	Loperamide	Ranitidine
Chlorquine	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-Methylenedioxyamphetamine 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
Diffunisal	Norcodein	Trimethoprim
Digoxin	Norethindrone	Trimipramine
Diphenhydramine	D-Norpropoxyphene	Triptamine
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-Reacting Compounds - 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	Labeltalol	Serotonin
Chloralhydrate	D, L-Isoproterenol	Sulfamethazine
Chloramphenicol	Meprobamate	Sulindac
Chlorothiazide	Methoxyphenamine	Tetracycline
D, L-Chlorpheniramine	Nalidixic acid	Tetrahydrocortisone
Chlorpromazine	Naloxone	Morphine-3-β-D-Glucuronide
Chlorquine	Naltrexone	Tetrahydrozoline
Cholesterol	Naproxen	Thiamine
Clonidine	Niacinamide	Thioridazine
L-Cotinine	Nifedipine	D, L-Tyrosine
Cortisone	Isoxsuprine	Tolbutamide
Creatinine	D, L-Propranolol	Triamterene
D-Pseudoephedrine	Ketoprofen	Trifluoperazine
Dextromethorphan	Norethindrone	Trimethoprim
Diclofenac	D-Norpropoxyphene	Tyramine
Diffunisal	Noscapine	D, L-Tryptophan
Digoxin	D, L-Octopamine	Urine acid
Diphenhydramine	Oxalic acid	Verapamil
L-Ephedrine	Oxolinic acid	Zomepirac
Ecgonine methylester	Oxymetazoline	

Non Cross-Reacting Compounds - Phencyclidine

Acetaminophen	(-) Y Ephedrine	Oxycodone
Acetophenetidin	Erythromycin	Oxymetazoline
N-Acetylprocainamide	β-Estradiol	Papaverine
Acetylsalicylic acid	Estrone-3-sulfate	Penicillin-G
Aminopyrine	Ethyl-p-aminobenzoate	Pentazocine hydrochloride
Amityryptiline	Fenoprofen	Pentobarbital
Amobarbital	Furosemide	Perphenazine
Amoxicillin	Gentisic acid	Phenelzine
Ampicillin	Hemoglobin	Phenobarbital
Ascorbic acid	Hydralazine	Phentermine
D, L-Amphetamine	Hydrochlorothiazide	L-Phenylephrine
Apomorphine acid	Hydrocodone	β-Phenylethylamine
Aspartame	Hydrocortisone	Phenylpropanolamine
Atropine	O-Hydroxyhippuric	Prednisolone
Benzilic acid	p-Hydroxymethamphetamine	Prednisone

% of Cutoff	Number of samples	Phencyclidine Concentration by GC/MS (ng/mL)	Lay person results		The percentage agreement (%)
			No. of Positive	No. of Negative	
-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	19	1	95%
+50% Cutoff	20	37	20	0	100%
+75% Cutoff	20	44	20	0	100%

% of Cutoff	Number of samples	Butalbital Concentration by GC/MS (ng/mL)	Lay person results		The percentage agreement (%)
			No. of Positive	No. of Negative	
-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	19	1	95%
+50% Cutoff	20	468	20	0	100%
+75% Cutoff	20	547	20	0	100%

% of Cutoff	Number of samples	Buprenorphine Concentration by GC/MS (ng/mL)	Lay person results		The percentage agreement (%)
			No. of Positive	No. of Negative	
-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	0	20	100%
+25% Cutoff	20	13	19	1	95%
+50% Cutoff	20	15.7	20	0	100%
+75% Cutoff	20	18.3	20	0	100%

% of Cutoff	Number of samples	Morphine Concentration by GC/MS (ng/mL)	Lay person results		The percentage agreement (%)
			No. of Positive	No. of Negative	
-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	1	19	95%
+25% Cutoff	20	379	20	0	100%
+50% Cutoff	20	443	20	0	100%
+75% Cutoff	20	516	20	0	100%

% of Cutoff	Number of samples	EDDP Concentration by GC/MS (ng/mL)	Lay person results		The percentage agreement (%)
			No. of Positive	No. of Negative	
-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	2	18	90%
+25% Cutoff	20	410	20	0	100%
+50% Cutoff	20	485	20	0	100%
+75% Cutoff	20	566	20	0	100%

% of Cutoff	Number of samples	Methylenedioxy methamphetamine Concentration by GC/MS (ng/mL)	Lay person results		The percentage agreement (%)
			No. of Positive	No. of Negative	
-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	0	20	100%
+25% Cutoff	20	598	19	1	95%
+50% Cutoff	20	755	20	0	100%
+75% Cutoff	20	912	20	0	100%

% of Cutoff	Number of samples	Nortriptyline Concentration by GC/MS (ng/mL)	Lay person results		The percentage agreement (%)
			No. of Positive	No. of Negative	
-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	20	0	100%
+50% Cutoff	20	1485	20	0	100%
+75% Cutoff	20	1687	20	0	100%

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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 accessed for additional information.

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

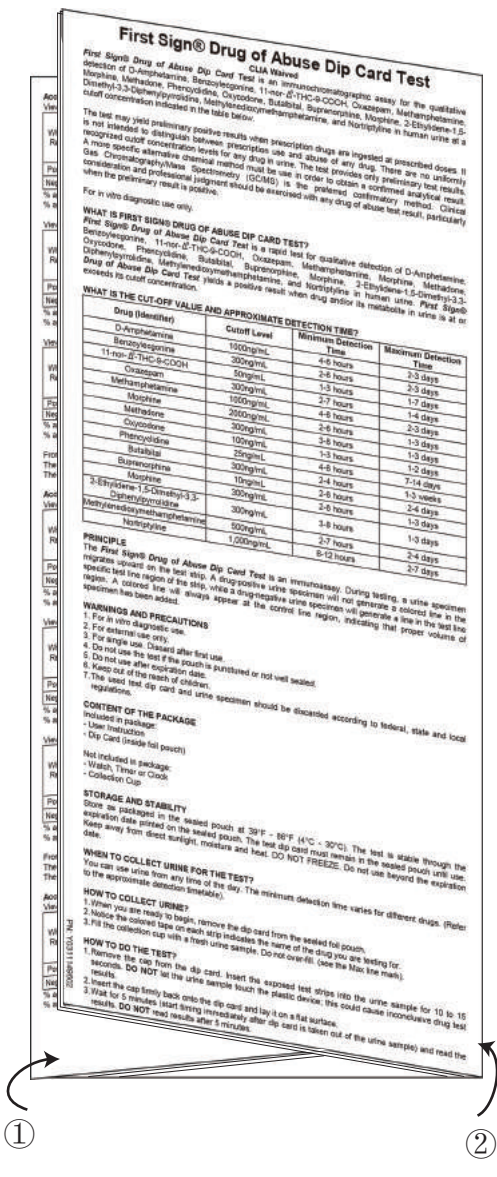
Center for Substance Abuse Treatment www.health.org 1-800-662-HELP

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

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

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Hemosure, Inc.
5358 Irwindale Ave.
Irwindale, CA 91706
1-888-HEMOSURE (436-6787)
www.hemosure.com

Effective Date: 09/20/2016



客户名称	W. H. P. M		
成品名称	First Sign 插板说明书 (Hemosure, 升级)	原材料编码	Y0311149602
成品尺寸	279. 4x215. 9mm	日期	2016. 09. 20
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	

折叠示意图