

BUP 10	0	50	50/0	50/0	50/0
	2.5	50	50/0	50/0	50/0
	5	50	50/0	50/0	50/0
	7.5	50	50/0	50/0	50/0
	10	50	9/41	9/41	10/40
	12.5	50	0/50	0/50	0/50
	15	50	0/50	0/50	0/50
	17.5	50	0/50	0/50	0/50
	20	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
BZO 300	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	7/43	7/43	8/42
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
	COC 150	37.5	50	50/0	50/0
75		50	50/0	50/0	50/0
112.5		50	50/0	50/0	50/0
150		50	10/40	11/39	10/40
187.5		50	0/50	0/50	0/50
225		50	0/50	0/50	0/50
262.5		50	0/50	0/50	0/50
300		50	0/50	0/50	0/50
0		50	50/0	50/0	50/0
COC 300		75	50	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	10/40	11/39	10/40
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
	EDDP 300	75	50	50/0	50/0
150		50	50/0	50/0	50/0
225		50	50/0	50/0	50/0
300		50	9/41	8/42	9/41
375		50	0/50	0/50	0/50
450		50	0/50	0/50	0/50
525		50	0/50	0/50	0/50
600		50	0/50	0/50	0/50
0		50	50/0	50/0	50/0
MDMA 500		75	50	50/0	50/0
	125	50	50/0	50/0	50/0
	250	50	50/0	50/0	50/0
	375	50	50/0	50/0	50/0
	500	50	11/39	10/40	10/40
	625	50	0/50	0/50	0/50
	750	50	0/50	0/50	0/50
	875	50	0/50	0/50	0/50
	1000	50	0/50	0/50	0/50

MET 500	0	50	50/0	50/0	50/0
	125	50	50/0	50/0	50/0
	250	50	50/0	50/0	50/0
	375	50	50/0	50/0	50/0
	500	50	10/40	9/41	9/41
	625	50	0/50	0/50	0/50
	750	50	0/50	0/50	0/50
	875	50	0/50	0/50	0/50
	1000	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
MET 1000	250	50	50/0	50/0	50/0
	500	50	50/0	50/0	50/0
	750	50	50/0	50/0	50/0
	1000	50	7/43	7/43	8/42
	1250	50	0/50	0/50	0/50
	1500	50	0/50	0/50	0/50
	1750	50	0/50	0/50	0/50
	2000	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
	MOP 300	75	50	50/0	50/0
150		50	50/0	50/0	50/0
225		50	50/0	50/0	50/0
300		50	10/40	11/39	10/40
375		50	0/50	0/50	0/50
450		50	0/50	0/50	0/50
525		50	0/50	0/50	0/50
600		50	0/50	0/50	0/50
0		50	50/0	50/0	50/0
MTD 300		75	50	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	9/41	9/41	8/42
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
	OPI 2000	500	50	50/0	50/0
1000		50	50/0	50/0	50/0
1500		50	50/0	50/0	50/0
2000		50	10/40	10/40	10/40
2500		50	0/50	0/50	0/50
3000		50	0/50	0/50	0/50
3500		50	0/50	0/50	0/50
4000		50	0/50	0/50	0/50
0		50	50/0	50/0	50/0
OXY 100		25	50	50/0	50/0
	50	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	100	50	9/41	9/41	9/41
	125	50	0/50	0/50	0/50
	150	50	0/50	0/50	0/50
	175	50	0/50	0/50	0/50
	200	50	0/50	0/50	0/50

PCP 25	0	50	50/0	50/0	50/0
	6.25	50	50/0	50/0	50/0
	12.5	50	50/0	50/0	50/0
	18.75	50	50/0	50/0	50/0
	25	50	7/43	6/44	7/43
	31.25	50	0/50	0/50	0/50
	37.5	50	0/50	0/50	0/50
	43.75	50	0/50	0/50	0/50
	50	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
PPX 300	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	11/39	10/40	11/39
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
	TCA 1000	250	50	50/0	50/0
500		50	50/0	50/0	50/0
750		50	50/0	50/0	50/0
1000		50	10/40	10/40	10/40
1250		50	0/50	0/50	0/50
1500		50	0/50	0/50	0/50
1750		50	0/50	0/50	0/50
2000		50	0/50	0/50	0/50
0		50	50/0	50/0	50/0
THC 50		75	50	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	10/40	11/39	10/40
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0

Specificity and Cross Reactivity
To test the specificity, the test device was used to test various drugs, 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.

Substance	Conc. (ng/mL)	Substance	Conc. (ng/mL)
AMP 500			
d-Amphetamine	500	l-Amphetamine	25,000
d,l-Amphetamine	1,500	(+/-) 3,4-Methylenedioxyamphetamine (MDA)	2,500
Phentermine	1,500	Hydroxyamphetamine	8,000
d-methamphetamine	>100,000	l-methamphetamine	>100,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	>100,000	(+/-) 3,4-Methylenedioxyamphetamine (MDMA)	>100,000
Ephedrine	>100,000	β-Phenylethylamine	100,000
Tyramine	100,000	p-Hydroxyephedrine	100,000
Phenylpropanolamine	>100,000	(±) Phenylpropanolamine	>100,000
d,l-Norephedrine	100,000	Benzphetamine	>100,000
l-Ephedrine	>100,000	l-Epinephrine	>100,000
d,l-Epinephrine	>100,000		

AMP 1000			
d-Amphetamine	1,000	l-Amphetamine	50,000
d,l-Amphetamine	3,000	(+/-) 3,4-Methylenedioxyamphetamine (MDA)	5,000
Phentermine	3,000	d-Methamphetamine	>100,000
l-Methamphetamine	>100,000	Ephedrine	>100,000
(+/-) 3,4-Methylenedioxyamphetamine (MDMA)	100,000	Hydroxyamphetamine	8,000
β-Phenylethylamine	100,000	p-Hydroxyephedrine	100,000
Tyramine	100,000	(±) Phenylpropanolamine	>100,000
Phenylpropanolamine	>100,000	d,l-Amphetamine	100,000
p-Hydroxyamphetamine	100,000	l-Ephedrine	>100,000
Benzphetamine	>100,000	d,l-Epinephrine	>100,000
l-Epinephrine	>100,000		
BAR 300			
Secobarbital	300	Butathal	100
Amobarbital	10,000	Butalbital	2,500
Alphenol	150	Cyclopentobarbital	600
Aprobarbital	200	Pentobarbital	2,500
Butobarbital	75	Phenobarbital	10,000
BUP 10			
Buprenorphine	10	Norbuprenorphine	.20
Buprenorphine-3-O-Glucuronide	15	Norbuprenorphine-3-O-Glucuronide	200
Morphine	>100,000	Oxymorphone	>100,000
Hydromorphone	>100,000		
BZO 300			
Oxazepam	300	Diazepam	200
Alprazolam	200	Estrazolam	1,000
o-Hydroxyalprazolam	1,500	Flunitrazepam	2,500
Bromazepam	500	DL-Lorazepam	1,500
Chlordiazepoxide	1,500	Midazolam	12,500
Clobazam	100	Nitrazepam	4,000
Clonazepam	800	Norchlordiazepoxide	200
Clorazepate dipotassium	200	Nordiazepam	500
Delorazepam	1,500	Temazepam	250
Desalkylflurazepam	400	Triazolam	1,200
Demovepam	2,000	Flurazepam	500
COC 150			
Benzoylcegonine	150	Ecgonine	16,000
Cocaine	375	Ecgonine methyl ester	>100,000
Cocacethylene	6,250	Norcocaine	>100,000
COC 300			
Benzoylcegonine	300	Ecgonine	32,000
Cocaine	750	Ecgonine methyl ester	>100,000
Cocacethylene	12,500	Norcocaine	>100,000
EDDP 300			
2-ethylidene-15-dimethyl-3,3-diphenylpyrrolidine	300	Methadone	300,000
EMDP	300,000	Doxylamine	>100,000
LAAM (Levo-alpha-acetylmethadol) HCl	>100,000	Alpha Methadol	>100,000
MDMA 500			
3,4-Methylenedioxy-methamphetamine (MDMA)	500	3,4-Methylenedioxyethylamphetamine (MDEA)	300
3,4-Methylenedioxyamphetamine (MDA)	3,000	d-Methamphetamine	>100,000
l-methamphetamine	50,000	l-amphetamine	>100,000
d-amphetamine	>100,000		

MET 500			
d-methamphetamine	500	(+/-) 3,4-Methylenedioxyamphetamine (MDMA)	2,000
p-Hydroxymethamphetamine	15,000	(-)-Methamphetamine	12,500
l-methamphetamine	10,000	d-Amphetamine	25,000
l-Amphetamine	37,500	Chloroquine	10,000
(+/-)-Ephedrine	25,000	d,l-Methamphetamine	500
l-Methamphetamine	10,000	(+/-) 3,4-Methylenedioxyethylamphetamine (MDEA)	500
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	500	β-Phenylethylamine	25,000
Trimethobenzamide	500	d,l-Amphetamine	75,000
p-Hydroxymethamphetamine	15,000	Mephentermine	25,000
[R,2S]-(-)-Ephedrine	50,000	l-Phenylephrine	100,000
MET 1000			
d-methamphetamine	1,000	l-Phenylephrine	>100,000
p-Hydroxymethamphetamine	30,000	Mephentermine	50,000
l-methamphetamine	25,000	(+/-) 3,4-Methylenedioxyethylamphetamine (MDEA)	1,000
D,L-Methamphetamine	1,000	D-Amphetamine	100,000
l-Amphetamine	75,000	Chloroquine	50,000
(+/-)-Ephedrine	50,000	(-)-Methamphetamine	25,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	1,000	(+/-) 3,4-Methylenedioxy-methamphetamine (MDMA)	4,000
β-Phenylethylamine	50,000	Trimethobenzamide	10,000
d-l-Amphetamine	100,000	[R,2S]-(-)-Ephedrine	100,000
MOP 300			
Morphine	300	Morphine-3-β-D-glucuronide	1,000
Codeine	300	Norcodeine	6,250
Ethyl Morphine	100	Normorphine	300
Heroin	300	Oxycodone	10,000
Hydrocodone	5,000	Oxymorphone	10,000
Hydromorphone	1,000	Procaïne	150,000
6-Monoacetylmorphine (6-MAM)	150	Thebaine	3,000
Levorphanol	10,000		
MTD 300			
Methadone	300	Doxylamine	50,000
EMDP	>100,000	EDDP	>100,000