

Benzoylcegonine	300	Cocaeethylene	12,500
Cocaine	780	Ecgonine	32,000
COCAINE 150			
Benzoylcegonine	150	Cocaeethylene	6,250
Cocaine	400	Ecgonine	12,500
Ecgonine methylester	50,000		
Clonazepam			
Clonazepam	300	Flunitrazepam	750
Alprazolam	500	Lorazepam	2,500
Bromazepam	1,250	Lormetazepam	2,500
Chlordiazepoxide	5,000	Nitrazepam	50,000
Clobazam	125	Norchlordiazepoxide	500
Oxazepam	60	Nordiazepam	1,000
Clorazepate	6,660	Temazepam	250
Delorazepam	5,000	Triazolam	10,000
Desalkflurazepam	500	Estazolam	10,000
Diazepam	500		
FENTANYL			
Fentanyl	200	Norfentanyl	>100,000
KETAMINE			
Ketamine	1,000	Norketamine	3,000
K2			
JWH 073 4-butanoic acid	50	JWH 018 5-pentanoic acid	50
JWH-073 4-Hydroxybutyl metabolite	200	JWH-018 5-Hydroxypentyl metabolite	250
JWH-018 N-(4-hydroxypentyl) metaboliteS-025	200	JWH-018 (Spice Cannabinoid)	80,000
TRICYCLIC ANTIDEPRESSANTS			
Nortriptyline	1,000	Amitriptyline	500
Chlorpromazine	2,000	Imipramine	200
Promethazine	>100,000	Diphenhydramine	>100,000
MARIJUANA			
11-nor- Δ^9 -THC-9 COOH	50	Δ^9 -THC	15,000
11-nor- Δ^8 -THC-9 COOH	50	Δ^8 -THC	15,000
Cannabinol	100,000		
MARIJUANA 25			
11-nor- Δ^9 -THC-9 COOH	25	Δ^9 -THC	7,500
11-nor- Δ^8 -THC-9 COOH	25	Δ^8 -THC	7,500
Cannabinol	50,000		
TRAMADOL			
Tramadol	200	Diphenhydramine	>100,000
(+)-Chlorpheniramine	>100,000	Phencyclidine	>100,000
METHADONE			
Methadone	300	Doxylamine	100,000
METHAMPHETAMINE			
d-Methamphetamine	1,000	l-Methamphetamine	8,000
p-Hydroxymethamphetamine	30,000	Mephentermine	50,000
3,4-Methylenedioxyamphetamine (MDA)	>100,000	D-Amphetamine	>100,000
Phenylephrine	100,000	L-Amphetamine	>100,000
3,4-Methylenedioxy-methamphetamine (MDMA)			8,000
3,4-Methylenedioxyethylamphetamine (MDEA)			25,000
METHAMPHETAMINE 500			
d-Methamphetamine	500	l-Methamphetamine	4,000
p-Hydroxymethamphetamine	15,000	Mephentermine	25,000
3,4-Methylenedioxyamphetamine (MDA)	>100,000	D-Amphetamine	>100,000
Phenylephrine	70,000	L-Amphetamine	>100,000
3,4-Methylenedioxy-methamphetamine (MDMA)			1,000
3,4-Methylenedioxyethylamphetamine (MDEA)			12,500
METHAMPHETAMINE 300			
d-Methamphetamine	300	l-Methamphetamine	2,500
p-Hydroxymethamphetamine	15,000	Mephentermine	15,000
3,4-Methylenedioxyamphetamine (MDA)	>100,000	D-Amphetamine	>100,000
Phenylephrine	70,000	L-Amphetamine	>100,000
3,4-Methylenedioxy-methamphetamine (MDMA)			600
3,4-Methylenedioxyethylamphetamine (MDEA)			10,000
METHYLENEDIOXYMETHAMPHETAMINE 500			
3,4-Methylenedioxy-methamphetamine (MDMA)			500
3,4-Methylenedioxyamphetamine (MDA)			4,000
3,4-Methylenedioxyethylamphetamine (MDEA)			400
METHYLENEDIOXYMETHAMPHETAMINE 300			
3,4-Methylenedioxy-methamphetamine (MDMA)			300
3,4-Methylenedioxyamphetamine (MDA)			60,000
3,4-Methylenedioxyethylamphetamine (MDEA)			3,000
MORPHINE 300			
Morphine	300	6-Monoacetylmorphine	300
Codeine	300	Morphine 3- β -D-glucuronide	1000
Ethylmorphine	200	Thebaine	20,000
Hydrocodone	>100,000	Nalorphine Hydrochloride	>100,000
Hydromorphone	700	Oxycodone	>100,000
Dihydroetorphine	4,000	Oxymorphone	>100,000
Methcathinone			
Methcathinone	500		
OPIATE 2000			
Morphine	2,000	Morphine-3- β -D-glucuronide	2,000

Normorphine	50,000	Oxycodone	25,000
Codeine	2,000	Oxymorphone	25,000
Ethyl Morphine	1,500	Thebaine	50,000
Heroin	2,000	6-Monoacetylmorphine (6-MAM)	2,000
Hydrocodone	12,500	Procaine	100,000
Hydromorphone	3,500		
PHENCYCLIDINE			
Phencyclidine	25	4-Hydroxyphencyclidine	12,500
Hydrocodone	>100,000	Hydromorphone	>100,000

4. Effect of Specific Gravity

Fifteen urine specimens of normal, high, and low specific gravity ranges were spiked with -50% Cutoff and +50% Cutoff of drugs. The Drug Rapid Test was tested in duplicate using the fifteen neat and spiked urine specimens. The results demonstrate that varying ranges of urinary specific gravity do not affect the test results.

5. Effect of Urinary pH

The pH of an aliquoted negative urine pool was adjusted to a pH range of 5 to 9 in 1 pH unit increments and spiked with -50% Cutoff and +50% Cutoff of drugs. The spiked, pH-adjusted urine was tested with the Amphetamine Rapid Test in duplicate. The results demonstrate that varying ranges of pH does not interfere with the performance of the test.

CROSS-REACTIVITY

A study was conducted to determine the cross-reactivity of the test with compounds in either drug-free urine or positive urine. The following compounds show no cross-reactivity when tested with the Drug Rapid Test at a concentration of 100 μ g/mL.

NON CROSS-REACTIVITY

Acetophenetidin	Cortisone	Isoxsuprine	d-Pseudoephedrine
N-Acetylprocainamide	l-Cotinine	Ketoprofen	Quinidine
Acetylsalicylic acid	Creatinine	Labelolol	Quinine
Aminopyrine	Deoxycorticosterone	Loperamide	Salicylic acid
Amoxicillin	Dextromethorphan	Meprobamate	Serotonin
Ampicillin	Diclofenac	Methoxyphenamine	Sulfamethazine
l-Ascorbic acid	Difenisal	Methylphenidate	Sulindac
Apomorphine	Digoxin	Nalidixic acid	Tetracycline
Aspartame	Diphenhydramine	Naproxen	Tetrahydrocortisone,
Atropine	Ethyl-p-aminobenzoate	Niacinamide	3-Acetate
Benzilic acid	β -Estradiol	Nifedipine	Tetrahydrocortisone
Benzoic acid	Estrone-3-sulfate	Norethindrone	Tetrahydrozoline
Bilirubin	Erythromycin	Noscapine	Thiamine
d,l-Brompheniramine	Fenoprofen	d,l-Octopamine	Thioridazine
Caffeine	Furosemide	Oxalic acid	d,l-Tyrosine
Cannabidiol	Genistic acid	Oxolinic acid	Tolbutamide
Chloral hydrate	Hemoglobin	Oxymetazoline	Triamterene
Chloramphenicol	Hydralazine	Papaverine	Trifluoperazine
Chlorothiazide	Hydrochlorothiazide	Penicillin-G	Trimethoprim
d,l-Chlorpheniramine	Hydrocortisone	Perphenazine	d,l-Tryptophan
Chlorpromazine	o-Hydroxyhippuric acid	Phenelzine	Uric acid
Cholesterol	3-Hydroxytyramine	Prednisone	Verapamil
Clonidine	d,l-Isoproterenol	d,l-Propanolol	Zomepirac

REFERENCES

1. Tietz NW. Textbook of Clinical Chemistry. W.B. Saunders Company, 1986; 1735
2. Baselt RC. Disposition of Toxic Multi-Drugs and Chemicals in Man. 2nd Ed. Biomedical Publ., Davis, CA. 1982; 488
3. Hawks RL, CN Chiang. Urine Testing for Drugs of Abuse. National Institute for Drug Abuse (NIDA), Research Monograph 73, 1986

INDEX OF SYMBOLS

	Consult instructions for use		Use by		Contains sufficient for \leq tests
	For <i>in vitro</i> diagnostic use only		Lot number		Catalog number
	Storage temperature limitations		Manufacturer		Do not reuse
	Authorized Representative				

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