





<b>COCAINE (COC15)</b>			
Cocaine HCl	15	EcgonineHCl	45,000
Benzoyllecgonine	15	Ecgonine methyl ester	75,000
Cocaethylene	550		
<b>OPIATES (OPI40)</b>			
Morphine	40	Morphine 3-β-D-Glucuronide	70
Codeine	50	Normorphine	70,000
Ethylmorphine	50	Nalorphine	100,000
Hydromorphine	200	Oxymorphone	50,000
Hydrocodone	100	Thebaine	25,000
Levorphanol	800	Diacetylmorphine (Heroin)	50
Oxycodone	60,000	6-Monoacetylmorphine	125
<b>OPIATES (OPI30)</b>			
Morphine	30	Morphine 3-β-D-Glucuronide	50
Codeine	40	Normorphine	52,500
Ethylmorphine	40	Nalorphine	75,000
Hydromorphine	150	Oxymorphone	37,500
Hydrocodone	75	Thebaine	18,750
Levorphanol	600	Diacetylmorphine (Heroin)	75
Oxycodone	45,000	6-Monoacetylmorphine	100
<b>METHADONE (MTD)</b>			
Methadone	30	(+)-Chlorpheniramine	6,250
Disopyramide	400	LAAM	200
Doxylamine	12,500	Nor-LAAM	12,500
<b>PHENCYCLIDINE (PCP10)</b>			
Phencyclidine	10		
<b>PHENCYCLIDINE (PCP3)</b>			
Phencyclidine	3		
<b>OXYCODONE (OXY)</b>			
Oxycodone	20	Codeine	25,000
Oxymorphone	40	Dihydrocodeine	6,250
Levorphanol	10,000	Naloxone	5,000
Hydrocodone	1,500	Naltrexone	5,000
Hydromorphone	10,000	Thebaine	25,000
<b>COTININE (COT 30)</b>			
(-)-Cotinine	30	(-)-Nicotine	450
<b>COTININE (COT 50)</b>			
(-)-Cotinine	50	(-)-Nicotine	750
<b>METHYLENEDIOXYMETHAMPHETAMINE (MDMA)</b>			
(±) 3,4-Methylenedioxyamphetamine HCl (MDMA)			50
(±) 3,4-Methylenedioxyamphetamine HCl (MDA)			50
3,4-Methylenedioxyethylamphetamine (MDE)			250
<b>BARBITURATES (BAR)</b>			
Amobarbital	250	Pentobarbital	70
Aprobarbital	80	Phenobarbital	30
Butabarbital	25	Secobarbital	50
Butalbital	500		
<b>BENZODIAZEPINES (BZO)</b>			
Oxazepam	10	7-Amino-clonazepam	5,000
Alprazolam	100	Bromazepam	10
Chlordiazepoxide	50	Clonazepam	1,000
Desalkylflurazepam	500	Diazepam	50
Estazolam	80	Flunitrazepam	500
Furosemide	5,000	Lorazepam	700
Midazolam	1,000	Midazolam Maleate	2,500
Nefopam	1,000	Nitrazepam	25
Norchlordiazepoxide	25	Oxolinic acid	50,000
Pheniramine	50,000	Theophylline	50,000
α-Hydroxyalprazolam	50		
<b>BUPRENORPHINE (BUP)</b>			
Norbuprenorphine	90	Buprenorphine	5
Buprenorphine-3-β-D-glucuronide	50	Norbuprenorphine-3-β-D-glucuronide	300
<b>PROPOXYPHENE (PPX)</b>			
D-Propoxyphene	50	D-Norpropoxyphene	50

The following substances may interfere with Alcohol Strip (Saliva):

Strong oxidizers	Ascorbic acid
Tannic acid	Polyphenolic compounds
Mercaptans	Uric acid
Bilirubin	Oxalic acid

These compounds don't exist in saliva usually, and may not interfere with the test.

#### Cross-Reactivity

A study was conducted to determine the cross-reactivity of the test with compounds spiked into drug-free PBS stock. The following compounds demonstrated no false positive results on the Oral Fluid Drug Test when tested with at concentrations up to 10 µg/mL.

Acetaminophen	Acetophenetidin
N-Acetylprocainamide	Acetylsalicylic acid
Aminopyrine	Amoxicillin
Ampicillin	l-Ascorbic acid
Apomorphine	Aspartame
Atropine	Benzilic acid
Benzoic acid	d/l-Brompheniramine
Caffeine	Chloral-hydrate
Chloramphenicol	Chlorothiazide
Cortisone	Chlorpromazine
Chloroquine	Cholesterol
Creatinine	Deoxycorticosterone

Diclofenac	Diflunisal
Digoxin	Diphenhydramine
l-ψ-Ephedrine	β-Estradiol
Estrone-3-sulfate	Ethyl-p-aminobenzoate
l(-)-Epinephrine	Erythromycin
Fenoprofen	Furosemide
Gentisic acid	Hydralazine
Hydrochlorothiazide	Hydrocortisone
o-Hydroxyhippuric acid	p-Hydroxytyramine
Ibuprofen	Iproniazid
d/l-Isoproterenol	Isosuprine
Ketoprofen	Labeltolol
Loperamide	Meproramate
Methylphenidate	Nalidixic acid
Naproxen	Niacinamide
Nifedipine	Norethindrone
Oxalic acid	Oxolinic acid
Oxymetazoline	Papaverine
Penicillin-G	Perphenazine
Phenelzine	Trans-2-phenylcyclopropylamine
hydrochloride	Phenylpropanolamine
Prednisolone	Prednisone
d/l-Propranolol	Zomepirac
d-Pseudoephedrine	Quinacrine
Quinine	Quindine
Ranitidine	Salicylic acid
Serotonin	Sulfamethazine
Sulindac	Tetracycline
Tetrahydrocortisone 3-acetate	Thiamine
Tetrahydrocortisone 3 (β-D-glucuronide)	d/l-Tyrosine
Tolbutamide	Triamterene
Trifluoperazine	d/l-Octopamine
d/l-Tryptophan	Tyramine
Uric acid	Verapamil

#### BIBLIOGRAPHY

- Schramm, W. et al, "Drugs of Abuse in Saliva: A Review," *J Anal Tox*, 1992 Jan-Feb; 16 (1), pp 1-9
- Scheidweiler, K, et al, "Pharmacokinetics of Cocaine and Metabolites in Human Oral Fluid and Correlation with Plasma Concentrations following Controlled Administration," *The Drug Monit* 2010 October; 32 (5) 628-637.
- Kim, I, et al, "Plasma and Oral Fluid Pharmacokinetics and Pharmacodynamics after Oral Codeine Administration," *Clin Chem*, 48:9, 1486-1496, 2002.
- McCarron, MM, et al, "Detection of Phencyclidine Usage by Radioimmunoassay of Saliva," *J Anal Tox*. 1984 Sep-Oct; 8 (5), pp 197-201.
- Gray, T, et al, "Methadone Disposition in Oral Fluid during Pharmacotherapy for Opioid-Dependence," *Forensic Sci Int*, 2011, March 20; 206(1-3): 98-102.
- Fritch, D, et al, "Barbiturate Detection in Oral Fluid, Plasma and Urine." *The Drug Monit* 201 Feb; 33(1): 72-79.
- Tietz NW. Textbook of Clinical Chemistry. W.B. Saunders Company. 1986; 1735
- Baselt RC. Disposition of Toxic Drugs and Chemicals in Man. 2nd Ed. Biomedical Publ., Davis, CA. 1982:488
- Hawks RL, CN Chiang. Urine Testing for Drugs of Abuse. National Institute for Drug Abuse (NIDA), Research Monograph 73, 1986

Medical Distribution Group Inc  
6771 Whitfield Industrial Ave, Suite A,  
Sarasota, FL 34243