VISTA/EXL Drugs of Abuse Test Interferences
Results at level indicated were negative

	SALYC	ACTM	ETOH	AMPH	BARB	BENZ	COC	METH	OPI	PCP	THC
Cut-off	20 mg/dl	150 ug/ml	50 mg/dl	1000ng/ml methamphetamine	200 ng/ml secibarbital	200 ng/ml Lormetazapam	300 ng/ml benzoylecgonine	300 ng/ml methadone	300 ng/ml morphine	25 ng/ml phencyclidine	50 ng/ml THC carboxylic acid
Interferent											
Acetylsalicylic Acid		50 mg/dl		1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
a-Acetyl-N,N-dinormethadol (dinor LAAM)				25 ug/ml	25 ug/ml	25 ug/ml	25 ug/ml	25 ug/ml	25 ug/ml	15 ug/ml	25 ug/ml
1-a-Acetylmethadol (LAAM)				25 ug/ml	25 ug/ml	25 ug/ml	25 ug/ml	25 ug/ml	25 ug/ml	25 ug/ml	25 ug/ml
Acetaminophen	0.025 mg/dl	*	20 mg/dl	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Acetone		*	100 mg/dl	1000 ug/ml	1 g/dl	1 g/dl	1.0 g/dl	1 g/dl	1 g/dl	1 g/dl	1 g/dl
Albuterol			1000 ug/ml								
Amikacin	15 mg/dl	15 mg/dl	8.0 mg/dl								
p-Aminobenzoic acid (PABA)				1000 ug/ml							
Amitriptyline		20 mg/dl		1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	500 ug/ml	90 ug/ml	1000 ug/ml
Amphetamine					1000 ug/ml	1000 ug/ml		1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Amobarbital		10 mg/dl									
Ampicillin	5.3 mg/dl	5.3 mg/dl	5.3 mg/dl								
Ascorbic Acid	5 mg/dl	5 mg/dl	6 mg/dl	1.5 g/dl	1.5 g/dl	1.5 g/dl	1.5 g/dl			1.5 g/dl	1.5 g/dl
Amoxicilin				100 ug/ml							
Atenolol				1000 ug/ml							
Benzoylecgonine				1000 ug/ml	1000 ug/ml	1000 ug/ml		1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Buprenorphine				100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml		100 ug/ml	100 ug/ml	100 ug/ml
Bilirubin		20 mg/dl	20 mg/dl	2.0 mg/dl	2.0 mg/dl	2.0 mg/dl	2.0 mg/dl	2.0 mg/dl	2.0 mg/dl	2.0 mg/dl	2.0 mg/dl
Caffeine	6 mg/dl	6 mg/dl	6 mg/dl	1000 ug/ml	1000 mg/dl	1000 ug/ml	1000 mg/ml	1000 mg/dl	1000 mg/dl	1000 mg/dl	1000 mg/dl
Carbamazepine	3 mg/dl	3 mg/dl	3 mg/dl	250 ug/ml							
Cimetidine	2 mg/dl	2 mg/dl	2 mg/dl	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	10 mg/dl	10 mg/dl	1000 ug/ml	1000 ug/ml
Clomipramine				2.5 ug/ml	2.5 ug/ml	2.5 ug/ml	2.5 ug/ml	2.5 ug/ml	2.5 ug/ml	2.5 ug/ml	2.5 ug/ml
Clonidine				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Chloramphenicol	5 mg/dl	5 mg/dl	5 mg/dl								
Chlordiazepoxide	1 mg/dl	1 mg/dl	1 mg/dl	200 ug/ml							
Chlorpromazine	0.2 mg/dl	0.2 mg/dl	0.2 mg/dl	200 ug/ml							
Codeine		10 mg/dl		500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml		500 ug/ml	500 ug/ml
Cotinine				100 ug/ml	100 ug/ml	100 ug/ml	500 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml
Creatinine	30 mg/dl	30 mg/dl	30 mg/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl
Cyclobenzaprine				28 ug/ml	28 ug/ml	28 ug/ml	28 ug/ml	28 ug/ml	28 ug/ml	28 ug/ml	28 ug/ml
Desipramine				300 ug/ml	800 ug/ml	800 ug/ml	800 ug/ml		800 ug/ml	800 ug/ml	800 ug/ml
Dextran 40	6000 mg/dl	6000 mg/dl	6000 mg/dl								
Dextromethorphan				1000 ug/ml			1000 ug/ml				
Dextrorphan				280 ug/ml							
Diphenhydramine				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Diazepam	0.5 mg/dl	0.5 mg/dl	0.5 mg/dl								
Digoxin	5 ng/dl	5 ng/dl	6.1 ng/dl								
Doxepin				10 ug/ml	10 ug/ml	10 ug/ml	10 ug/ml	10 ug/ml	10 ug/ml	10 ug/ml	10 ug/ml
Doxylamine				500 ug/ml							
Epinephrine				1000 ug/ml							
2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP)				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Erythromycin	6 mg/dl	6 mg/dl	6 mg/dl								
Ethanol	400 mg/dl	400 mg/dl		1.0 g/dl	1.0 g/dl	1.0 g/dl	1.0 g/dl	1.0 g/dl	1.0 g/dl	1.0 g/dl	1.0 g/dl
Ethosuximide	25 mg/dl	25 mg/dl	25 mg/dl								
Ethylene glycol		*	250 mg/dl								
Fenoprofen				150 ug/ml							
Fluoxetine				500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml
Furosemide	6 mg/dl	6 mg/dl	6 mg/dl	1000 ug/ml							
Gamma globulin				0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl			0.5 g/dl	0.5 g/dl
Gentamicin	12 mg/dl	12 mg/dl	1.0 mg/dl								
Glucose				2.0 g/dl	2.0 g/dl	2.0 g/dl	2.0 g/dl	2.0 g/dl	2.0 g/dl	2.0 g/dl	2.0 g/dl
Glutethimide				500 ug/ml	300 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml
Haloperidol				500 ug/ml							
Hemoglobin	1000 mg/dl	531 mg/dl		115 mg/dl	115 mg/dl	115 mg/dl	115 mg/dl	115 mg/dl	115 mg/dl	115 mg/dl	115 mg/dl
Heparin	3 U/ml	3 U/ml	3 U/ml								
Ibuprofen	50 mg/dl	50 mg/dl	50 mg/dl	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Imipramine	20 mg/dl	20 mg/dl		750 ug/ml							
Isopropyl Alcohol		*	500 mg/dl								
Isoxsuprine				300 ug/ml							
Ketamine				100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml
Ketoprofen				1000 ug/ml							
Ketorolac Tromethamine				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Labetalol				750 ug/ml							
Lactic Acid		*	901 mg/dl								
Lidocaine	1.2 mg/dl	1.2 mg/dl	1.2 mg/dl	100 ug/ml							
Lipemia	800 mg/dl	1000 mg/dl									
Lithium	2.3 mg/dl	2.3 mg/dl	2.2 mg/dl								
Lormetazepam					1 ug/ml		1 ug/ml	1 ug/ml	1 ug/ml	1 ug/ml	1 ug/ml
LSD				2.5 ug/ml	10 ng/ml	10 ng/ml	10 ng/ml	10 ng/ml	10 ng/ml	10 ng/ml	10 ng/ml
Mannitol	*	*	500 mg/dl								
Meperidine				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml		25 ug/ml	1000 ug/ml
Mesquiline				1000 ug/ml							
Methadone HCl		20 mg/dl		1000 ug/ml			1000 ug/ml			1000 ug/ml	
D-Methamphetamine					2 ug/ml	2 ug/ml			2 ug/ml	2 ug/ml	2 ug/ml
Methanol	*	*	100 mg/dl								
Methaqualone				1500 ug/ml	1500 ug/ml	1500 ug/ml	1500 ug/ml	1500 ug/ml	1500 ug/ml	1500 ug/ml	1500 ug/ml
Methionine		20 mg/dl									
d,l-Methyldopa				1000 ug/ml							
Monoethylglycinexylidide (MEGX)				1000 ug/ml							
Morphine				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml		58 ug/ml	1000 ug/ml
Naloxone				500 ug/ml							
Naproxen				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml

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Interferent											
Nicotine	0.1 mg/dl	0.1 mg/dl	0.1 mg/dl	500 ug/ml	2 mg/dl						
N-Acetylprocainamide (NAPA)				400 ug/ml	400 ug/ml	400 ug/ml	400 ug/ml	400 ug/ml	400 ug/ml	400 ug/ml	400 ug/ml
Noracetylmethadol (nor LAAM)				25 ug/ml							
Nortriptyline		1000 mg/dl		750 ug/ml	750 ug/ml	750 ug/ml	750 ug/ml		750 ug/ml	750 ug/ml	750 ug/ml
Nylidrin				750 ug/ml							
Ofloxacin				100 ug/ml							
Oxalic acid				0.1 g/dl	0.1 g/dl	0.1 g/dl	0.1 g/dl	0.1 g/dl	0.1 g/dl	0.1 g/dl	0.1 g/dl
Oxazepam				300 ug/ml	300 ug/ml	300 ug/ml	300 ug/ml	300 ug/ml	300 ug/ml	300 ug/ml	300 ug/ml
Penicillin G	25 U/ml	25 U/ml	25 U/ml								
Pentobarbital	8 mg/dl	8 mg/dl	8 mg/dl								
Phencyclidine				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml		1000 ug/ml
Phenelzine				50 ug/ml							
1-Phenylcyclohexylamine (PCA)				50 ug/ml							
Phenobarbital	10 mg/dl	10 mg/dl	10 mg/dl								1000 ug/ml
Phenytoin	5 mg/dl	5 mg/dl	5 mg/dl	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Phenylephrine		10 mg/dl									
Potassium Oxalate		500 mg/dl									
Primidone	4 mg/dl	4 mg/dl	4 mg/dl								
Procainamide		20 mg/dl		1000 ug/ml							
Promethazine				1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	143 ug/ml	125 ug/ml	1000 ug/ml
Propoxyphene	0.2 mg/dl	0.2 mg/dl	0.2 mg/dl	1000 ug/ml	1000 ug/ml	1000 ug/ml	1 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml	1000 ug/ml
Protein-Albumin	6 g/dl	6 g/dl	6 g/dl		0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl	0.5 g/dl
Protein-IgG	5 g/dl		5 g/dl								
Protein-Total	12 g/dl		12 g/dl								
Quinidine		20 mg/dl									
Ranitidine				900 ug/ml	900 ug/ml	900 ug/ml	900 ug/ml	900 ug/ml	900 ug/ml	900 ug/ml	900 ug/ml
Riboflavin				7.5 mg/dl	7.5 mg/dl	7.5 mg/dl	7.5 mg/dl	7.5 mg/dl	7.5 mg/dl	7.5 mg/dl	7.5 mg/dl
Rheumatoid Factor		375 IU/L									
Salicylic Acid		60 mg/dl	60 mg/dl	50 mg/dl	50 mg/dl	50 mg/dl			1000 ug/ml		
Scopolamine				500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml	500 ug/ml
Secobarbital		5 mg/dl		1000 ug/ml		1000 ug/ml	1000 ug/ml		1000 ug/ml	1000 ug/ml	1000 ug/ml
Sodium Chloride				6.0 g/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl	1.5 g/dl	1.5 g/dl
Sodium Fluoride		400 mg/dl									
THC				100 ug/ml	0.2 ug/ml	0.2 ug/ml	0.2 ug/ml	0.2 ug/ml	0.2 ug/ml	0.2 ug/ml	
Theophylline	4 mg/dl	4 mg/dl	4 mg/dl								
Thioridazine				100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	15 ug/ml	100 ug/ml
Tramadol				100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml
Trazodone				1000 ug/ml							
Tyramine				300 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml
Triglyceride	3000 mg/dl	3000 mg/dl	3000 mg/dl								
Urea	500 mg/dl	500 mg/dl	500 mg/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl	6.0 g/dl
Uric Acid	20 mg/dl	20 mg/dl	20 mg/dl								
Valproic Acid	50 mg/dl	50 mg/dl	50 mg/dl								
Zidovudine (AZT)				2000 ug/ml	2 mg/dl	2 mg/dl	2000 ug/ml	2 mg/dl	2 mg/dl	2 mg/dl	2 mg/dl
Zolpidem				100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml	100 ug/ml