

Supplemental Table 1

Information on Assay Package Inserts Analyzed in the Study

Category	Vendor	Assay Name and Reference Number	Reference Number
Amphetamines	Abbott Diagnostics	Architect/Aeroset Amphetamine/Methamphetamine	3L37
Benzodiazepines	Abbott Diagnostics	Architect/Aeroset Benzodiazepines	3L39-20
Opiates	Abbott Diagnostics	Architect/Aeroset Opiates	3L34-20
Amphetamines Benzodiazepines Opiates	Advanced Technology Network	ATN FasTox™ 12 CLIA-Waived Multiple Drug Dipcard	PI-80F-CLIA
Amphetamines Benzodiazepines Opiates	Alere	Triage® TOX Drug Screen	94400
Amphetamines Benzodiazepines Opiates	Alere	Triage® 8 Panel for Drugs of Abuse	90008
Amphetamines Benzodiazepines Opiates	Alfa Scientific Designs	Instant-View® Multi-Drug Screen Urine Test	33-2898
Amphetamines Benzodiazepines Opiates	Ameditech	ImmuTest Multi-Drug Screen Card	42131
Amphetamines Benzodiazepines Opiates	American Bio Medica	ABMC® Rapid Drug Screen® incup	06-RLB-341

Amphetamines Benzodiazepines Opiates	American Screening	OneScreen™ Mutiple Drug Screen Cup	Not specified
Amphetamines	Beckman Coulter	Emit® II Plus Amphetamines Assay	9C052.5D_C
Amphetamines	Beckman Coulter	Emit® II Plus Ecstasy Assay	9X052.2D_C
Benzodiazepines	Beckman Coulter	SYCHRON CX® Systems Benzodiazepine BNZG Assay	A18298
Benzodiazepines	Beckman Coulter	Emit® II Plus Benzo Assay	9F052.4D_E
Opiates	Beckman Coulter	Emit® II Plus Opiate Assay	9B052.6D_D
Opiates	Beckman Coulter	SYCHRON CX® Systems OP2	475006
Opiates	Beckman Coulter	SYCHRON CX® Systems OP	475024
Amphetamines Benzodiazepines Opiates	Bio-Rad	BIO-RAD Tox/See™ Drug Screen Test	1155895805
Amphetamines Opiates	Branan Medical Corporation	Toxcup® Drug Screen Cup with Adulteration Tests	PI-PTA
Benzodiazepines	Carolina Liquid Chemistries	Benzodiazepine Reagent	BL-418
Amphetamines Benzodiazepines Opiates	Co-Innovation Biotech	Rapid Multi-Drug Test Cup	C302-315C
Amphetamines Opiates	eScreen	eCup Drug of Abuse Screening Device	2010300005

Amphetamines Benzodiazepines Opiates	Express Diagnostics	DrugCheck® Dip Drug Test	DC111E-MD
Amphetamines Benzodiazepines Opiates	Instant Technologies	One Step Multi-Drug Screen Test Card with the Integrated iCup®/iCup® A.D.	1155969001
Amphetamines	Lin-Zhi	LZI Amphetamines 500 Enzyme Immunoassay	0100/0101
Amphetamines Benzodiazepines Opiates	MedTox	PROFILE®-V MEDTOXScan® Drugs of Abuse Test System	102038
Amphetamines	Microgenics	CEDIA® Amphetamines Assay	100083/100092/1661205
Amphetamines	Microgenics	CEDIA® Amphetamine/Ecstasy Assay	100104/100103/100040
Amphetamines	Microgenics	DRI® Ecstasy Assay	100075/100076
Opiates	Microgenics	DRI® Opiate Assay	0135/0136
Benzodiazepines	Neogen	Benzodiazepine Group (Oxazepam/Clonazepam)	130119/130115
Amphetamines Benzodiazepines Opiates	Noble Medical	Split-Specimen Cup™	1150161501
Amphetamines	Ortho-Clinical Diagnostics	VITROS® AMPH	680 1991
Benzodiazepines	Ortho-Clinical Diagnostics	VITROS® BENZ (benzodiazepines)	680 1989
Opiates	Ortho-Clinical Diagnostics	VITROS® OP (Opiates)	680 1997
Amphetamines	Roche Diagnostics	COBAS® Amphetamines II	AMPS2, v. 8.0
Amphetamines	Roche Diagnostics	COBAS® Integra 400/800 Amphetamines II	045112936 90
Benzodiazepines	Roche	COBAS® Integra 400/800	20737984 122

	Diagnostics	Benzodiazepines	
Benzodiazepines	Roche Diagnostics	COBAS® Benzodiazepines Plus	04490789190V10
Opiates	Roche Diagnostics	COBAS® OPI2	04490894 190
Opiates	Roche Diagnostics	COBAS® Opiates II Online DAT	11985990 216
Opiates	Roche Diagnostics	COBAS® Integra 400/800 Opiates 300/2000	20767158 122
Amphetamines	Siemens Diagnostics	Syva® Emit® II Plus Amphetamines Assay	9C122UL_4DS_D
Amphetamines	Siemens Diagnostics	SIEMENS Advia® Chemistry Ecstasy (XTC)	10378767
Amphetamines	Siemens Diagnostics	SIEMENS Advia® Chemistry Amphetamines_2 (AMPH_2)	10493946
Opiates	Siemens Diagnostics	Syva® Emit® II Plus Opiate Assay	9B322UL.100S_D
Opiates	Siemens Diagnostics	ADVIA® Chemistry Opiates (OP300 and OP2000)	04306943
Amphetamines Benzodiazepines Opiates	Tanner Scientific	Multi-Panel Drug Test Cup	WP47769_3
Amphetamines	Thermo Scientific	CEDIA® Amphetamines/Ecstasy Assay	1001641
Benzodiazepines	Thermo Scientific	CEDIA® Benzodiazepine Assay	10016409/100085/100084
Opiates	Thermo Scientific	DRI® Opiate Assay	10014601