



**PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS**

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PARTICIPANT STATISTICS

URINE DRUG SCREEN

THIRD QUADRIMESTER 2011

Acetaminophen

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Anslys/Marion TOXI-LAB		1	1	
Biosite TRIAGE		54	52	
Innovacon multi-CLIN		1		1
Integrated E-Z Split		2		2
Syva Emit DAU		1	1	
Total Population	0	65	58	5
Flagging	*****			*****

Assay Value (µg/dL)

3.56

Alcohol

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM		6	5	1
Carolina		3	3	
Carolina Biolis 24i		3	3	
Diag Reag Inc (DRI)		3	4	
Lin-Zhi		7	6	1
Microgenics DRI		6	5	1
Siemens Dimension		4	4	
Syva Emit II, Emit II Plus		15	15	
Total Population	0	78	68	10
Flagging	*****			*****

Assay Value (mg/dL)

148.3

Amphetamines

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM		4		4
ABM Rapid Drug Screen		5	1	4
All chromatographic methods		4		4
ATN FasTox		6		6
Beckman Coulter DXC		14		14
BioRad TOX/See		22		22
Biosite TRIAGE		93	1	90
BioView		8		8
iCassette		8		8
iCup		16		16
Innovacon multi-CLIN		16		16
Integrated E-Z Split		7		7
iScreen		4		4
Lin-Zhi		9		9
MedTox - 5 Panel		4		4
MedTox Profile series		64	1	63
MedTox Verdict-II		8		8
Microgenics DRI		10		10
Noble Multi-CLIN		12		12
OneStep 3rd party, OEM		6		6
Rapid Response		5		5
Redwood BioTech One Step		9		9
Roche Cobas		4		4
Siemens Dimension		10		10
Siemens Viva ser		4		4
Siemens V-Twin		6		6
Syva Emit II, Emit II Plus		29		29
US Diagnostics ProScreen		7		7
Total Population	0	450	3	444
Flagging	*****		*****	

Assay Value (ng/mL)

Barbiturates

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM		5		5
ABM Rapid Drug Screen		4		4
All chromatographic		4		4
ATN FasTox		6		6
Beckman Coulter DXC		11		11
BioRad TOX/See		22		22
Biosite TRIAGE		93		91
BioView		8		8
iCassette		6		6
iCup		13		13
Innovacon multi-CLIN		13		14
Integrated E-Z Split		5	1	5
Lin-Zhi		8		8
MedTox Profile series		63		63
MedTox Verdict-II		7		7
Microgenics DRI		9		9
Noble Multi-CLIN		9		9
OneStep 3rd party, OEM		4		4
Redwood BioTech One		10		10
Roche Cobas		4		4
Siemens Dimension		9		9
Siemens V-Twin		4		4
Syva Emit II, Emit II Plus		23		23
Varian On-Site				1
Total Population	396	0	1	395
Flagging		*****	*****	

Assay Value (ng/mL)

1920

Benzodiazepines

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM		5		5
ABM Rapid Drug Screen		4		4
methods		4		4
ATN FasTox		6		6
Beckman Coulter DXC		11		11
BioRad TOX/See		21		21
Biosite TRIAGE		93		91
BioView		8		8
iCassette		6		6
iCup		14		14
Innovacon multi-CLIN		15		15
Integrated E-Z Split		6		6
Lin-Zhi		9		9
MedTox Profile series		63		63
MedTox Verdict-II		8		8
Microgenics DRI		9		9
Noble Multi-CLIN		9		9
OneStep 3rd party, OEM		4		4
Step		11		11
Roche Cobas		4		4
Siemens Dimension		10		10
Siemens V-Twin		4		4
Syva Emit II, Emit II Plus		24		24
US Diagnostics ProScreen		7		7
Total Population	2	412	2	409
Flagging	*****		*****	

Assay Value (ng/mL)

Buprenorphine

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Carolina		2		2
Carolina Biolis 24i		2		2
Innovacon multi-CLIN		2		2
Integrated E-Z Split		3		3
Lin-Zhi		7		7
MedTox Profile series		6		6
Microgenics DRI		2		2
OneStep 3rd party, OEM		3		3
Rapid Response		2		2
Siemens V-Twin	1		1	
Total Population	1	45	3	42
Flagging	*****		*****	

Assay Value (mg/dL)

Cannabinoids

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM		6		6
ABM Rapid Drug Screen	1	4		1
Alfa Scientific InstantView		5		5
All chromatographic methods		4		4
ATN FasTox		5		5
Beckman Coulter DXC		14		14
BioRad TOX/See		22		22
Biosite TRIAGE		91		88
BioView		8		8
iCassette		8		8
iCup		16		14
Innovacon multi-CLIN		17		16
Integrated E-Z Split		7		7
iScreen		4		4
Lin-Zhi		9		9
MedTox - 5 Panel		4		4
MedTox Profile series		64		64
MedTox Verdict-II		8		8
Microgenics DRI		10		10
Noble Multi-CLIN		12		12
OneStep 3rd party, OEM		6		6
Rapid Response		5		5
Redwood BioTech One Step		12		11
Roche Cobas		4		4
Siemens Dimension		10		10
Siemens Viva ser		8		9
Siemens V-Twin		8		8
Syva Emit DAU	1	4		4
Syva Emit II, Emit II Plus		55		55
US Diagnostics ProScreen		7		6
Total Population	3	491	483	10
Flagging	*****			*****

Assay Value (ng/mL)

186

Cocaine Metabolite

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM	6			6
ABM Rapid Drug Screen	4	1	1	4
Alfa Scientific InstantView methods	5			5
ATN FasTox	4			4
Beckman Coulter DXC	6			6
Beckman Coulter DXC	14			14
BioRad TOX/See	22			22
Biosite TRIAGE	93			91
BioView	8			8
iCassette	8			8
iCup	16		1	15
Innovacon multi-CLIN	16	1		17
Instant Tech. One Step	4			4
Integrated E-Z Split	7			7
iScreen	4			4
Lin-Zhi	9			9
MedTox Profile series	64			64
MedTox Verdict-II	8			8
Microgenics DRI	11			11
Noble Multi-CLIN	12			12
OneStep 3rd party, OEM	6			6
Rapid Response	5			5
Step	12			12
Roche Cobas	4			4
Siemens Dimension	10			10
Siemens Viva ser	8		1	8
Siemens V-Twin	8			8
Syva Emit DAU	4		1	4
Syva Emit II, Emit II Plus	55			55
US Diagnostics ProScreen	7		1	6
Total Population	500	2	6	495
Flagging		*****	*****	

Assay Value (ng/mL)

1800

MDMA (Ecstasy)

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ATN FasTox		6		6
BioRad TOX/See		15		15
iCup		8		8
Innovacon multi-CLIN		10		10
Integrated E-Z Split		6		6
Lin-Zhi		6		6
MedTox Profile series		4		4
Noble Multi-CLIN		8		8
OneStep 3rd party, OEM		4		4
Step		6		6
Total Population	0	109	0	108
Flagging	*****		*****	

Assay Value (ng/mL)

Methadone

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM		4		4
ATN FasTox		6		6
Beckman Coulter DXC		6		6
BioRad TOX/See		18		18
Biosite TRIAGE		70	1	67
BioView		8		8
iCassette		4		4
iCup		8		8
Innovacon multi-CLIN		9		9
Integrated E-Z Split		5		5
Lin-Zhi		8		8
MedTox Profile series	1	56		57
Microgenics DRI		6		6
Noble Multi-CLIN		6		6
OneStep 3rd party, OEM		4		4
Redwood BioTech One Step		10		10
Siemens Dimension		5		5
Syva Emit II, Emit II Plus		18		18
Total Population	2	308	1	307
Flagging	*****		*****	

Methadone Metabolite

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Integrated E-Z Split		2		2
Microgenics DRI		5		5
Total Population	0	21	1	20
Flagging	*****		*****	

Methamphetamine

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ABM Rapid Drug Screen		4		4
ATN FasTox		6		6
BioRad TOX/See		22		22
Biosite TRIAGE		71		69
BioView		8		8
iCassette		8		8
iCup		16		16
Innovacon multi-CLIN		11		11
Integrated E-Z Split		6		6
iScreen		4		4
MedTox Profile series	52	1	51	
Noble Multi-CLIN	9		9	
OneStep 3rd party, OEM	4		4	
Rapid Response	4		4	
Redwood BioTech One Step	12		12	
US Diagnostics ProScreen	6		6	
Total Population	1	285	1	282
Flagging	*****		*****	

Assay Value (ng/mL)

Methaqualone

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Beckman Coulter DXC		3	3	
Integrated E-Z Split		2		2
Microgenics DRI		2	2	
Syva Emit II, Emit II Plus		4	4	
Total Population	0	22	17	5
Flagging	*****			

Assay Value (ng/mL)

1700

Due to a lack of participant consensus, Specimen 2 was not evaluated this event.

Opiates

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM	6			6
ABM Rapid Drug Screen	4	1	1	4
Alfa Scientific InstantView	5			5
Am Chromatographic methods	4			4
ATN FasTox	6			6
Beckman Coulter DXC	14			14
BioRad TOX/See	22			22
Biosite TRIAGE	93			91
BioView	8			8
iCassette	8			8
iCup	15	1	1	15
Innovacon multi-CLIN	16			16
Instant Tech. One Step	4			4
Integrated E-Z Split	7			7
iScreen	4			4
Lin-Zhi	7	1		8
MedTox - 5 Panel	4			4
MedTox Profile series	63	1		64
MedTox Verdict-II	8			8
Microgenics DRI	11			11
Noble Multi-CLIN	12			12
OneStep 3rd party, OEM	6			6
Rapid Response	5			5
Redwood BioTech One Step	12			12
Roche Cobas	4			4
Siemens Dimension	10			10
Siemens Viva ser	9		1	9
Siemens V-Twin	7			7
Syva Emit DAU	4		1	4
Syva Emit II, Emit II Plus	55			55
US Diagnostics ProScreen	7			7
Total Population	493	6	4	493
Flagging	*****		*****	

Assay Value (ng/mL)

4000

Oxycodone

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ABM Rapid Drug Screen	1			1
BioRad TOX/See		9	9	
Biosite TRIAGE		4	2	2
CLIAwaived CLIAx	1		1	
iCup		9	9	
Innovacon multi-CLIN		11	10	1
Lin-Zhi		7	7	
MedTox Profile series	5	37	42	
MedTox Verdict-II		4	4	
Microgenics DRI		5	5	
Noble Multi-CLIN	1	8	9	
Step		7	7	
Total Population	15	141	150	6
Flagging	*****			*****

Assay Value (ng/mL)

415

Phencyclidine

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM	4			4
All chromatograph methods	4			4
ATN FasTox	6			6
Beckman Coulter DXC	13			13
BioRad TOX/See	15			15
Biosite TRIAGE	89	2		89
BioView	8			8
iCassette	6			6
iCup	8			8
Innovacon multi-CLIN	14	1		15
Integrated E-Z Split	5	1		6
Lin-Zhi	5			5
MedTox Profile series	53	1		54
MedTox Verdict-II	7			7
Microgenics DRI	9			9
Noble Multi-CLIN	11			11
OneStep 3rd party, OEM	6			6
Redwood BioTech One Step	11	1		12
Roche Cobas	4			4
Siemens Dimension	8			8
Siemens V-Twin	4			4
Syva Emit II, Emit II Plus	23			23
Total Population	381	10	2	384
Flagging		*****	*****	

Assay Value (ng/mL)

192

Propoxyphene

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Beckman Coulter DXC		4		4
Redwood BioTech One Step		5		5
iCup		6		6
Microgenics DRI		8		8
Innovacon multi-CLIN		9		9
Syva Emit II, Emit II Plus		13		13
MedTox Profile series		54	1	53
Total Population	2	149	1	149
Flagging	*****		*****	

Assay Value (ng/mL)

Tricyclic antidepressants

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Syva RapidTest	3	1	1	3
MedTox Verdict-II	4			4
iCup	5	1	1	5
Redwood BioTech One Step	5			5
ATN FasTox	4	2		6
BioView	8			8
Noble Multi-CLIN	4	3		8
Innovacon multi-CLIN	8	1		9
BioRad TOX/See	20			20
MedTox Profile series	56	1	1	55
Biosite TRIAGE	85	1		84
Total Population	229	14	3	237
Flagging		*****	*****	

Assay Value (ng/mL)

3300

Correct responses are defined as those reflecting agreement among 80% or more of all participants. Unacceptable responses are indicated by "*****" on the Flagging line of each specimen.