



**PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS**

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PARTICIPANT STATISTICS

URINE DRUG SCREEN

FIRST QUADRIMESTER 2011

Acetaminophen

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Beckman Coulter DXC	1			1
Biosite TRIAGE	35			35
Express Diag DrugCheck		1	1	
Integrated E-Z Split		1		1
Jant Pharmacal accutest		1	1	
MedTox Profile series		1		1
Syva Emit DAU	1			1
Syva Emit II, Emit II Plus		1		1
Total Population	57	6	2	60
Flagging		***	***	

Assay Value (µg/dL)

33.7

Alcohol

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM	7		7	
Carolina Biolis 24i	3		3	
Lin-Zhi	5		5	
Microgenics DRI	7		7	
Siemens Dimension	3		3	
Siemens V-Twin	2	1	3	
Syva Emit II, Emit II Plus	10		10	
Total Population	61	5	63	3
Flagging		***		***

Assay Value (mg/dL)

155.6

153.0

Amphetamines

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ABM Rapid Drug Screen		5	5	
ATN FasTox		7	7	
Beckman Coulter DXC		14	14	
BioRad TOX/See	1	24	24	1
Biosite TRIAGE		87	87	
BioView		8	8	
iCassette		8	8	
iCup		16	16	
Innovacon multi-CLIN		12	12	
Integrated E-Z Split		5	5	
MedTox - 5 Panel		6	6	
MedTox Profile series		67	66	1
MedTox Verdict-II		12	12	
Microgenics DRI		9	9	
Noble Multi-CLIN		5	5	
OneStep 3rd party, OEM		7	7	
Rapid Response		5	5	
Redwood BioTech One Step	1	10	10	1
Siemens Dimension		11	11	
Siemens Viva ser		5	5	
Siemens V-Twin		8	8	
Syva Emit II, Emit II Plus		22	22	
US Diagnostics ProScreen		6	5	1
Total Population	3	435	432	6
Flagging	***			***

Assay Value (ng/mL)

4790

Barbiturates

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM		5		5
ABM Rapid Drug Screen		5		5
ATN FasTox		7		7
Beckman Coulter DXC		11		11
BioRad TOX/See		24	1	23
Biosite TRIAGE		87		87
BioView		7		7
Carolina Biolis 24i		4		4
iCassette		5		5
iCup		14		14
Innovacon multi-CLIN		11		11
Integrated E-Z Split		4		4
Lin-Zhi		4		4
MedTox Profile series		65		65
MedTox Verdict-II		10		10
Microgenics DRI		11		11
Noble Multi-CLIN		5		5
OneStep 3rd party, OEM		7		7
Redwood BioTech One		12		12
Roche Cobas		4		4
Siemens Dimension		10		10
Siemens V-Twin		6		6
Syva Emit II, Emit II Plus		17		17
Total Population	0	392	1	391
Flagging	***		***	

Assay Value (ng/mL)

Benzodiazepines

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM	6			6
ABM Rapid Drug Screen	5			5
ATN FasTox	7			7
Beckman Coulter DXC	11			11
BioRad TOX/See	25			25
Biosite TRIAGE	86	1		87
BioView	7			7
iCassette	5			5
iCup	14			14
Innovacon multi-CLIN	11			11
Integrated E-Z Split	3	1		4
Lin-Zhi	4			4
MedTox - 5 Panel	4			4
MedTox Profile series	63	2		65
MedTox Verdict-II	10	1		11
Microgenics DRI	10			10
Noble Multi-CLIN	5			5
OneStep 3rd party, OEM	7			7
Redwood BioTech One	12	1	1	12
Roche Cobas	4			4
Siemens Dimension	11			11
Siemens V-Twin	5			5
Syva Emit II, Emit II Plus	20			20
US Diagnostics	6			6
Total Population	401	7	2	406
Flagging		***	***	

Assay Value (ng/mL)

2400

Buprenorphine

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
All chromatographic methods	3			3
Biosite TRIAGE	1	1		2
iCup	2			2
Lin-Zhi	3			3
MedTox Profile series	4			4
Microgenics DRI	2			2
OneStep 3rd party, OEM	2			2
Rapid Response	2			2
Total Population	29	5	0	34
Flagging		***	***	

Assay Value (mg/dL)

260

Cannabinoids

Name	Specimen 1		Specimen 2		
	Present	Absent	Present	Absent	
Abbott AxSYM		6		6	
ABM Rapid Drug Screen		5		5	
Alfa Scientific InstantView		5		5	
ATN FasTox		6		6	
Beckman Coulter DXC		14		14	
BioRad TOX/See		25	1	24	
Biosite TRIAGE		86		86	
BioView		8		8	
iCassette		7		7	
iCup		15		15	
Innovacon multi-CLIN		12		12	
Integrated E-Z Split		5		5	
Lin-Zhi		5		5	
MedTox - 5 Panel		6		6	
MedTox Profile series		67		67	
MedTox Verdict-II		12		12	
Microgenics DRI		10		10	
Noble Multi-CLIN		6		6	
OneStep 3rd party, OEM		8		8	
Rapid Response		5		5	
Redwood BioTech One Step		14		14	
Siemens Dimension		11		11	
Siemens Viva ser		9		9	
Siemens V-Twin		10		10	
Syva Emit DAU		6		6	
Syva Emit II, Emit II Plus		53		53	
US Diagnostics ProScreen		6	1	5	
Total Population		2	491	3	489
Flagging	***		***		

Assay Value (ng/mL)

Cocaine Metabolite

Name	Specimen 1		Specimen 2		
	Present	Absent	Present	Absent	
Abbott AxSYM		6		6	
ATN FasTox		7		7	
Beckman Coulter DXC		14		14	
BioRad TOX/See		25		25	
Biosite TRIAGE		87		87	
BioView		8		8	
iCassette		8		8	
iCup		16	1	15	
Innovacon multi-CLIN		12		12	
MedTox Profile series		67		67	
MedTox Verdict-II		12		12	
Microgenics DRI		10		10	
Noble Multi-CLIN		6		6	
OneStep 3rd party, OEM		8		8	
Redwood BioTech One		14		14	
Siemens Dimension		11		11	
Siemens Viva ser		9		9	
Siemens V-Twin		10		10	
Syva Emit DAU		6		6	
Syva Emit II, Emit II Plus		53		53	
US Diagnostics		6	1	5	
Total Population		1	499	3	497
Flagging	***		***		

Assay Value (ng/mL)

MDMA (Ecstasy)

Name	Specimen 1		Specimen 2		
	Present	Absent	Present	Absent	
All chromatographic		3		3	
Microgenics DRI		3		3	
Syva Emit II, Emit II Plus		3	2	1	
Integrated E-Z Split		4	3	1	
MedTox Profile series		4		4	
Noble Multi-CLIN		4	3	1	
OneStep 3rd party, OEM		5		5	
ATN FasTox		7		7	
Innovacon multi-CLIN		8		8	
Redwood BioTech One		8	7	1	
iCup		9		9	
BioRad TOX/See		17		17	
Total Population		0	101	93	8
Flagging	***			***	

Assay Value (ng/mL)

3650

Methadone

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ATN FasTox		7		7
Beckman Coulter DXC		7		7
BioRad TOX/See		20		20
Biosite TRIAGE		61		61
BioView		7		7
iCup		8		8
Innovacon multi-CLIN		6		6
MedTox Profile series		59		59
Microgenics DRI		8		8
OneStep 3rd party, OEM		7		7
Redwood BioTech One		11		11
Siemens Dimension		5		5
Syva Emit II, Emit II Plus		16		16
Total Population		304	1	302
Flagging	***		***	

Assay Value (ng/mL)

Methadone Metabolite

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
All chromatographic methods	2			2
Microgenics DRI	4	1		5
Syva Emit II, Emit II Plus	1	1		2
Total Population	8	9	1	16
Flagging			***	

Due to a lack of participant consensus, specimen 1 was not evaluated this event.

Methamphetamine

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ABM Rapid Drug Screen		5	3	2
ATN FasTox		7	7	
BioRad TOX/See		25	25	
Biosite Express	1			1
Biosite TRIAGE		68	68	
BioView		7	7	
iCassette		7	7	
iCup		16	16	
Innovacon multi-CLIN		6	6	
Instant Tech. One Step		4	4	
Integrated E-Z Split		4	3	1
MedTox Profile series		56	55	1
MedTox Verdict-II		5	5	
Noble Multi-CLIN		5	5	
OneStep 3rd party, OEM		6	6	
Redwood BioTech One Step		14	13	1
US Diagnostics ProScreen		5	4	1
Total Population	1	287	279	8
Flagging	***			***

Assay Value (ng/mL)

2200

Methaqualone

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Beckman Coulter DXC	3			3
Syva Emit II, Emit II Plus	3	1		4
Total Population	17	3	0	20
Flagging		***	***	

Assay Value (ng/mL)

1800

Opiates

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Abbott AxSYM		6		6
ABM Rapid Drug Screen		5		5
Alfa Scientific		5		5
ATN FasTox		7		7
Beckman Coulter DXC		13		13
BioRad TOX/See		25		24
Biosite TRIAGE		87		86
BioView		8		8
iCassette		8		8
iCup		16		16
Innovacon multi-CLIN		12		12
Integrated E-Z Split		5		5
Lin-Zhi		5		5
MedTox - 5 Panel		6		6
MedTox Profile series		67		67
MedTox Verdict-II		12		12
Microgenics DRI		10		10
Noble Multi-CLIN		6		6
OneStep 3rd party, OEM		9	8	1
Rapid Response		5		5
Redwood BioTech One	1	13	13	1
Siemens Dimension		11		11
Siemens Viva ser		9		9
Siemens V-Twin		10		10
Syva Emit DAU		6		6
Syva Emit II, Emit II Plus		53		53
US Diagnostics		6	5	1
Total Population	2	499	492	9
Flagging	***			***

Assay Value (ng/mL)

3770

Oxycodone

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ATN FasTox		7	3	4
BioRad TOX/See		11		11
Biosite TRIAGE		5		5
iCup		12	1	11
Innovacon multi-CLIN		8		8
MedTox Profile series		41	9	32
MedTox Verdict-II	2	5	4	3
OneStep 3rd party, OEM		5	1	4
Redwood BioTech One		9	1	8
Total Population	3	148	24	127
Flagging	***		***	

Assay Value (ng/mL)

Phencyclidine

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ATN FasTox	7			7
MedTox Verdict-II	8			7
OneStep 3rd party, OEM	6	1		7
BioView	8			8
Siemens Dimension	9			9
Microgenics DRI	10			10
Beckman Coulter DXC	12			12
Innovacon multi-CLIN	12			12
Redwood BioTech One	13	1	1	13
REAGENT CODE NOT	15			15
BioRad TOX/See	17			17
Syva Emit II, Emit II Plus	19	1		20
MedTox Profile series	51	3		54
Biosite TRIAGE	84			84
Total Population	369	7	3	372
Flagging		***	***	

Assay Value (ng/mL)

189

Propoxyphene

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
Beckman Coulter DXC		4	4	
Biosite TRIAGE		4	3	1
iCup	1	7	7	1
Innovacon multi-CLIN		7	7	
MedTox Profile series		55	55	
MedTox Verdict-II		4	4	
Microgenics DRI		9	8	1
Redwood BioTech One Step		6	6	
Siemens V-Twin		4	4	
Syva Emit II, Emit II Plus		11	11	
Total Population	2	153	148	7
Flagging	****			***

Assay Value (ng/mL)

2100

Tricyclic antidepressants

Name	Specimen 1		Specimen 2	
	Present	Absent	Present	Absent
ATN FasTox	6	1	1	6
BioRad TOX/See	24			24
Biosite TRIAGE	75	2		77
BioView	7			7
iCup	5			5
Innovacon multi-CLIN	8			8
MedTox Profile series	60			60
MedTox Verdict-II	4			3
Noble Multi-CLIN	3	1		4
OneStep 3rd party, OEM	5			5
Redwood BioTech One Step	4	1	1	4
Syva RapidTest	4			4
Total Population	232	10	3	238
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.