AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

COMPREHENSIVE CHEMISTRY

Chemistry Q1 2010

		Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	Range & Type		Mean	SD	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Aspartate Aminotransferase (AST or SGOT)																						
Initial Grouping by Reagent and Instrument																						
Abbott no P5P & Abbott Architect c, ci, i	1	195-292	P	243.4	8	32-48	P	39.9	2	70-104	P	87.0	3	120-179	P	149.5	4	19-28	P	23.2	1	14
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	2	193-290	P	241.5	8	34-51	P	42.4	3	68-101	P	84.5	5	119-178	P	148.7	6	22-32	P	27.0	2	76
Beckman no P5P & Beckman Synchron CX4/CX5	3	185-278	P	231.3	10	30-45	P	37.7	2	65-98	P	81.8	4	113-170	P	141.4	6	18-27	P	22.6	2	21
Beckman no P5P & Beckman Synchron CX3/7/9/L	4	183-275	P	229.0	7	30-45	P	37.4	2	65-98	P	81.8	3	112-168	P	140.2	4	18-27	P	22.5	1	28
Beckman no P5P & Beckman Unicel DXC series	5	190-285	P	237.3	7	31-47	P	39.3	2	68-102	P	84.6	3	117-176	P	146.6	4	19-28	P	23.7	1	63
Carolina & Beckman Synchron CX3/7/9/L	6	202-304	P	253.1	12	34-50	P	41.9	3	72-108	P	90.1	5	123-185	P	154.4	8	20-30	P	24.8	2	20
Clinical Data ATAC & Vital Diagnostics ATAC 8000	7	179-269	P	224.0	15	31-46	P	38.2	3	63-95	P	79.3	6	108-162	P	135.3	9	18-27	P	22.9	2	24
Clinical Data Envoy & Vital Diagnostics Envoy 500	8	201-302	P	251.6	13	34-50	P	42.0	3	74-111	P	92.4	6	125-188	P	156.3	5	20-30	P	25.3	2	13
Horriba ABX & Horiba ABX Pentra 400	9	197-296	P	246.8	13	34-51	P	42.2	4	72-108	P	89.7	6	123-185	P	154.1	10	21-31	P	26.2	2	13
J&J Vitros & J&J Vitros not DT or ECi	10	244-366	P	305.2	14	45-68	P	56.3	2	97-145	P	120.7	4	154-231	P	192.2	8	27-41	P	33.9	1	82
J&J Vitros & J&J Vitros 5,1 FS	11	239-358	P	298.5	10	44-66	P	55.3	1	96-143	P	119.4	3	151-227	P	189.3	6	27-40	P	33.5	1	19
Beckman Olympus & Beck Oly AU 400/600/5400	12	175-263	P	219.1	11	29-43	P	36.0	2	62-93	P	77.6	5	107-160	P	133.6	7	17-26	P	21.3	1	45
Roche Cobas & Roche Cobas Integra	13	202-303	P	252.1	9	32-48	P	40.3	2	70-105	P	87.5	3	123-184	P	153.5	6	19-29	P	23.8	1	25
SDI Biomed & SDI CA240, 480	14	172-257	P	214.4	11	28-42	P	35.0	3	63-95	P	79.2	6	107-160	P	133.2	8	16-24	P	20.1	1	12
Siemens no P5P & Siemens Advia series	15	207-310	P	258.1	9	35-52	P	43.7	3	74-110	P	92.0	4	126-188	P	157.0	6	22-33	P	27.4	2	15
Siemens Dimension & Siemens Dimension series	16	244-366	P	305.3	9	46-69	P	57.9	2	100-150	P	125.0	4	155-232	P	193.1	5	29-43	P	35.8	2	90
Siemens Dimension & Siemens Dimension EXL	17	242-363	P	302.5	6	46-69	P	57.3	2	99-149	P	124.4	3	154-231	P	192.2	4	28-42	P	35.1	1	16
Siemens Dimension & Siemens Dimension Rxl	18	242-362	P	301.9	7	47-70	P	58.2	3	101-151	P	126.0	3	155-232	P	193.6	6	29-43	P	36.0	3	18
Siemens Dimension & Siemens Dimension Xpand	19	245-367	P	305.9	7	47-70	P	58.5	3	101-151	P	125.9	4	155-233	P	194.3	5	29-43	P	35.9	2	86
Initial Grouping by Reagent																						
Abbott no P5P	20	196-294	P	244.7	8	32-48	P	40.1	1	70-105	P	87.5	3	120-179	P	149.5	4	19-28	P	23.4	1	17
Alfa Wassermann	21	193-290	P	241.5	8	34-51	P	42.4	3	68-101	P	84.5	5	119-178	P	148.7	6	22-32	P	27.0	2	76
Beckman no P5P	22	188-281	P	234.4	9	31-46	P	38.6	2	67-100	P	83.5	4	115-173	P	144.1	5	19-28	P	23.3	1	120
Carolina	23	208-312	P	259.8	22	34-51	P	42.2	3	73-110	P	91.4	7	126-189	P	157.3	11	20-30	P	25.1	2	31
Clinical Data ATAC	24	179-269	P	224.0	15	31-46	P	38.2	3	63-95	P	79.3	6	108-162	P	135.3	9	18-27	P	22.9	2	24
Clinical Data Envoy	25	201-301	P	251.1	12	33-50	P	41.9	3	74-111	P	92.6	6	125-187	P	155.9	5	20-31	P	25.6	2	16
DCL/Genzyme	26	193-290	P	241.7	26	31-47	P	38.9	4	68-102	P	85.2	8	118-177	P	147.4	16	18-27	P	22.9	3	26
Horriba ABX	27	197-296	P	246.8	13	34-51	P	42.2	4	72-108	P	89.7	6	123-185	P	154.1	10	21-31	P	26.2	2	13
J&J Vitros	28	243-365	P	304.1	13	45-67	P	56.2	2	96-145	P	120.5	4	153-230	P	191.7	8	27-41	P	33.9	1	106
Beckman Olympus	29	175-263	P	219.3	12	29-43	P	36.0	2	62-93	P	77.7	5	107-160	P	133.7	7	17-26	P	21.3	1	50
Pointe Sci 37 deg	30	216-325	P	270.5	19	36-54	P	44.8	5	77-116	P	96.2	9	133-199	P	165.8	13	21-32	P	26.8	3	20
Roche Cobas	31	201-301	P	251.1	10	32-48	P	40.3	2	70-105	P	87.5	3	122-184	P	153.0	6	19-29	P	23.9	1	45
Roche/Hitachi no P5P	32	199-299	P	248.8	14	32-49	P	40.5	2	71-106	P	88.6	6	122-183	P	152.2	7	19-29	P	24.3	2	18
SDI Biomed	33	170-255	P	212.4	13	28-43	P	35.5	3	64-96	P	79.9	6	108-161	P	134.5	8	16-24	P	20.3	2	13
Siemens no P5P	34	207-310	P	258.1	9	35-52	P	43.7	3	74-110	P	92.0	4	126-188	P	157.0	6	22-33	P	27.9	3	16
Siemens Dimension	35	244-366	P	305.1	8	47-70	P	58.1	2	100-151	P	125.4	4	155-232	P	193.6	5	29-43	P	35.8	2	211
Sterling	36	196-294	P	245.2	18	63-94	P	78.7	8	96-144	P	120.4	8	139-208	P	173.4	9	49-73	P	60.9	7	11
Initial Grouping by Sensitivity or Principle																						
Low recovery methods	37	182-274	P	228.1	16	31-46	P	38.6	3	64-97	P	80.6	7	111-166	P	138.3	10	19-28	P	23.2	2	33
Low moderate recovery meth	38	188-281	P	234.6	13	31-47	P	39.3	3	66-100	P	83.0	5	115-173	P	144.0	8	19-29	P	24.1	3	270
Moderate recovery methods	39	198-297	P	247.4	21	32-49	P	40.4	4	70-105	P	87.6	7	121-181	P	151.2	12	19-29	P	24.2	3	162
High moderate recovery meth	40	204-306	P	255.4	22	38-57	P	47.4	13	77-115	P	95.8	12	128-192	P	159.6	14	24-36	P	30.4	12	86
Very high recovery methods	41	244-366	P	304.7	10	46-69	P	57.4	3	99-149	P	123.8	5	154-231	P	192.9	7	28-42	P	35.1	2	324
Total Population																						
Whole Population	42	212-317	P	264.4	35	37-56	P	46.4	9	80-120	P	99.6	19	132-197	P	164.5	24	22-34	P	28.0	6	896