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
Alanine Aminotransferase (ALT or SGPT)																						
Initial Grouping by Reagent and Instrument																						
Abbott no P5P & Abbott Architect c, ci, i	1	214-321	P	267.5	6	37-55	P	45.9	3	81-121	P	101.1	3	133-200	P	166.3	5	22-33	P	27.5	3	16
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	2	189-283	P	236.0	9	37-56	P	46.4	3	73-109	P	91.2	4	121-182	P	151.3	6	24-36	P	30.2	3	77
Beckman no P5P & Beckman Synchron CX4/CX5	3	197-295	P	246.0	4	35-52	P	43.6	1	75-113	P	93.9	2	123-184	P	153.7	3	22-33	P	27.2	2	20
Beckman no P5P & Beckman Synchron CX3/7/9/L	4	196-294	P	245.1	5	35-53	P	44.1	1	75-113	P	94.0	3	123-185	P	153.9	3	22-33	P	27.1	1	29
Beckman no P5P & Beckman Unicel DXC series	5	204-306	P	255.4	5	37-56	P	46.4	1	79-118	P	98.4	2	128-193	P	160.6	3	23-35	P	29.2	1	62
Clinical Data ATAC & Vital Diagnostics ATAC 8000	6	204-306	P	255.3	16	35-53	P	44.4	3	77-116	P	96.5	6	126-189	P	157.5	7	21-32	P	26.8	3	24
Clinical Data Envoy & Vital Diagnostics Envoy 500	7	222-332	P	277.1	9	38-57	P	47.5	1	85-127	P	106.0	3	137-205	P	171.1	4	22-33	P	27.8	1	13
Horriba ABX & Horiba ABX Pentra 400	8	220-330	P	274.8	11	39-59	P	49.3	2	84-126	P	105.4	4	139-208	P	173.4	7	24-36	P	30.2	2	13
J&J Vitros & J&J Vitros not DT or ECi	9	221-331	P	276.2	4	42-63	P	52.6	3	81-122	P	101.3	3	135-203	P	168.8	3	30-46	P	38.0	3	83
J&J Vitros & J&J Vitros 5,1 FS	10	223-334	P	278.3	6	43-65	P	54.2	3	83-125	P	103.8	6	136-205	P	170.5	4	31-47	P	38.8	3	19
Beckman Olympus & Beck Oly AU 400/600/5400	11	190-284	P	237.0	10	33-49	P	41.1	2	72-107	P	89.4	4	118-177	P	147.1	6	20-30	P	24.6	1	44
Roche Cobas & Roche Cobas Integra	12	215-322	P	268.4	6	37-55	P	45.7	1	80-120	P	99.6	3	133-200	P	166.3	4	22-33	P	27.5	1	25
SDI Biomed & SDI CA240, 480	13	177-265	P	221.1	15	31-46	P	38.7	3	69-103	P	85.8	7	110-166	P	137.9	10	17-26	P	21.8	2	13
Siemens no P5P & Siemens Advia series	14	216-324	P	270.2	7	38-57	P	47.8	2	83-124	P	103.4	3	133-199	P	165.6	5	24-36	P	29.6	1	14
Siemens Dimension & Siemens Dimension series	15	218-327	P	272.9	8	46-69	P	57.8	3	91-136	P	113.1	4	140-210	P	174.9	6	31-47	P	39.3	2	89
Siemens Dimension & Siemens Dimension EXL	16	217-326	P	271.7	4	46-69	P	57.2	1	90-135	P	112.6	2	140-209	P	174.5	3	31-46	P	38.4	1	16
Siemens Dimension & Siemens Dimension Rxl	17	217-325	P	271.2	4	46-70	P	58.0	3	90-135	P	112.1	4	139-209	P	174.2	8	31-47	P	38.8	2	18
Siemens Dimension & Siemens Dimension Xpand	18	219-329	P	274.0	7	47-70	P	58.4	2	91-137	P	114.1	3	141-211	P	175.8	4	31-47	P	39.2	1	88
Carolina & Beckman Synchron CX3/7/9/L	19	203-305	P	254.2	7	36-53	P	44.6	2	78-117	P	97.5	3	126-189	P	157.7	5	21-32	P	26.5	1	16
Initial Grouping by Reagent																						
Abbott no P5P	20	215-322	P	268.2	6	37-55	P	46.2	3	81-122	P	101.4	3	133-200	P	166.7	4	22-33	P	27.9	3	20
Alfa Wassermann	21	189-283	P	236.0	9	37-56	P	46.6	5	73-109	P	91.2	4	122-183	P	152.1	9	24-36	P	30.1	3	77
Beckman no P5P	22	201-302	P	251.3	8	36-54	P	45.4	2	77-116	P	96.6	4	125-188	P	156.7	13	24-35	P	29.4	12	119
Clinical Data ATAC	23	204-306	P	255.3	16	35-53	P	44.4	3	77-116	P	96.5	6	126-189	P	157.5	7	21-32	P	26.8	3	24
Clinical Data Envoy	24	222-333	P	277.5	9	38-57	P	47.7	1	85-127	P	106.2	3	137-206	P	171.8	4	22-33	P	27.8	1	16
Cliniqa/RAI/King Diag	25	197-296	P	246.4	8	35-53	P	44.0	2	75-113	P	94.1	3	125-187	P	155.8	8	21-32	P	26.6	1	10
DCL/Genzyme	26	193-289	P	241.1	10	34-51	P	42.6	4	73-110	P	91.8	5	121-182	P	151.4	6	21-31	P	25.7	2	21
Horriba ABX	27	220-330	P	274.8	11	39-59	P	49.3	2	84-126	P	105.4	4	139-208	P	173.4	7	24-36	P	30.2	2	13
J&J Vitros	28	221-332	P	276.8	5	42-63	P	52.8	3	82-122	P	102.0	4	135-203	P	169.2	4	30-46	P	38.0	3	108
Beckman Olympus	29	189-284	P	236.7	10	33-49	P	41.0	2	71-107	P	89.1	4	117-176	P	146.8	6	20-29	P	24.6	1	49
Pointe Sci 37 deg	30	220-330	P	274.8	16	39-58	P	48.4	4	84-125	P	104.5	7	136-204	P	169.7	11	24-36	P	29.9	3	19
Roche Cobas	31	213-320	P	266.7	8	37-55	P	45.7	1	80-120	P	99.7	3	133-199	P	165.6	5	22-33	P	27.6	1	43
Roche/Hitachi no P5P	32	216-324	P	270.4	14	38-57	P	47.7	2	82-123	P	102.8	6	135-202	P	168.6	9	23-35	P	29.1	2	21
SDI Biomed	33	177-265	P	221.1	15	31-46	P	38.7	3	69-103	P	85.8	7	110-166	P	137.9	10	17-26	P	21.8	2	13
Siemens no P5P	34	216-324	P	269.9	8	38-57	P	47.7	2	83-124	P	103.1	3	133-199	P	166.2	6	24-36	P	29.9	2	16
Siemens Dimension	35	218-328	P	273.0	8	47-70	P	58.2	5	91-136	P	113.4	4	140-210	P	175.2	5	31-47	P	39.0	2	211
Carolina	36	203-304	P	253.7	7	36-53	P	44.4	2	78-117	P	97.1	4	126-190	P	158.1	5	21-32	P	26.4	2	21
Initial Grouping by Sensitivity or Principle																						
Low moderate recovery meths	37	192-288	P	239.8	15	35-53	P	43.8	3	74-112	P	93.0	4	120-180	P	150.1	9	21-32	P	26.3	3	23
Moderate recovery methods	38	194-291	P	242.8	13	36-53	P	44.4	4	74-112	P	93.1	5	122-183	P	152.7	12	23-34	P	28.2	9	278
High moderate recovery meth	39	213-319	P	266.0	16	37-56	P	46.6	4	81-121	P	101.0	7	132-198	P	165.2	10	23-34	P	28.4	3	193
High recovery methods	40	218-328	P	273.1	10	44-66	P	55.3	6	87-130	P	108.6	7	138-207	P	172.2	7	30-45	P	37.4	5	360
All other methods	41	268-402	P	335.1	42	45-68	P	56.7	8	100-150	P	125.2	16	166-249	P	207.7	25	27-40	P	33.5	4	10
Total Population																						
Whole Population	42	209-313	P	260.8	19	39-59	P	49.3	7	81-122	P	101.3	10	131-197	P	164.0	12	25-38	P	31.8	6	895