



AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

COMPREHENSIVE CHEMISTRY

Chemistry Q1 2010

Name	Line No.	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				No. Labs
		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		
Creatine Kinase, Total (CK or CPK)																						
Initial Grouping by Reagent and Instrument																						
Abbott & Abbott Architect c, ci, i	1	122-226	P	173.8	6	136-252	P	194.0	6	433-804	P	618.1	11	178-331	P	254.6	7	39-72	P	55.7	2	14
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	2	110-204	P	156.8	9	123-228	P	175.3	9	376-698	P	537.3	18	160-296	P	228.0	8	39-72	P	55.6	5	21
Beckman & Beckman Synchron CX4/CX5	3	118-219	P	168.5	4	135-251	P	193.0	7	423-785	P	603.8	12	175-325	P	250.1	6	40-75	P	57.4	2	16
Beckman & Beckman Synchron CX3/7/9/L	4	118-218	P	168.0	7	136-253	P	194.5	9	425-789	P	607.0	23	175-326	P	250.5	10	40-74	P	56.9	4	22
Beckman & Beckman Unicel DXC series	5	123-229	P	176.0	6	141-262	P	201.7	7	440-816	P	628.0	20	183-339	P	260.9	8	41-76	P	58.7	3	61
Carolina & Beckman Synchron CX3/7/9/L	6	101-188	P	144.7	10	116-216	P	166.1	12	363-675	P	519.2	37	150-279	P	214.6	15	33-61	P	46.9	4	17
Clinical Data ATAC & Vital Diagnostics ATAC 8000	7	105-196	P	150.5	7	122-228	P	175.0	8	391-727	P	559.0	28	154-286	P	220.0	11	35-65	P	50.3	2	10
J&J Vitros & J&J Vitros not DT or ECI	8	103-191	P	146.8	10	108-200	P	153.6	11	342-635	P	488.7	27	149-276	P	212.4	14	27-50	P	38.6	5	56
J&J Vitros & J&J Vitros 5,1 FS	9	106-197	P	151.4	10	111-205	P	158.0	8	346-642	P	493.9	19	152-283	P	217.8	13	29-53	P	41.0	4	16
Beckman Olympus & Beck Oly AU 400/600/5400	10	106-196	P	151.1	9	121-224	P	172.2	10	378-702	P	540.1	26	156-289	P	222.3	13	34-64	P	48.9	4	39
Roche Cobas & Roche Cobas Integra	11	112-207	P	159.4	5	125-233	P	179.2	5	396-736	P	566.1	12	164-304	P	234.0	6	36-67	P	51.6	4	20
Siemens Advia & Siemens Advia series	12	110-204	P	156.9	7	123-229	P	175.8	7	397-737	P	567.1	24	162-301	P	231.4	11	34-64	P	49.3	3	11
Siemens Dimension & Siemens Dimension series	13	103-192	P	147.6	5	117-217	P	167.3	5	384-713	P	548.1	16	155-288	P	221.2	7	29-54	P	41.6	3	75
Siemens Dimension & Siemens Dimension EXL	14	103-191	P	146.9	4	117-218	P	167.4	5	382-710	P	545.8	11	155-288	P	221.5	5	29-55	P	42.1	2	13
Siemens Dimension & Siemens Dimension Rxl	15	104-193	P	148.6	6	117-217	P	166.9	7	381-708	P	544.4	16	155-288	P	221.6	8	30-55	P	42.4	4	14
Siemens Dimension & Siemens Dimension Xpand	16	105-195	P	149.9	6	118-220	P	169.2	6	388-720	P	554.0	15	157-291	P	223.9	7	30-55	P	42.6	3	71
Initial Grouping by Reagent																						
Abbott	17	122-226	P	174.1	6	136-252	P	194.1	6	433-804	P	618.4	11	177-329	P	253.4	5	39-72	P	55.5	2	15
Alfa Wassermann	18	110-204	P	156.8	9	123-228	P	175.3	9	376-698	P	537.3	18	158-293	P	225.7	13	38-71	P	54.5	7	21
Beckman	19	121-225	P	173.3	7	139-259	P	198.9	8	434-807	P	620.5	23	179-332	P	255.7	21	42-79	P	60.6	21	107
Carolina	20	100-186	P	143.2	10	115-213	P	164.2	12	359-667	P	512.8	36	148-276	P	212.0	14	32-60	P	46.3	4	24
Clinical Data ATAC	21	105-196	P	150.5	7	122-228	P	175.0	8	391-727	P	559.0	28	154-286	P	220.0	11	35-65	P	50.3	2	10
J&J Vitros	22	103-191	P	147.1	12	108-201	P	154.5	12	341-634	P	487.5	29	149-276	P	212.6	16	27-51	P	39.0	5	78
Beckman Olympus	23	106-196	P	151.1	8	120-224	P	172.1	10	378-701	P	539.6	27	156-289	P	222.2	13	34-64	P	49.0	4	44
Pointe Sci	24	101-189	P	145.0	11	114-211	P	162.6	15	366-679	P	522.2	47	145-269	P	206.6	25	32-59	P	45.7	7	14
Roche Cobas	25	113-210	P	161.7	7	127-235	P	181.0	9	402-746	P	573.8	26	166-307	P	236.5	11	37-68	P	52.5	4	32
Roche/Hitachi	26	112-207	P	159.4	8	123-228	P	175.1	9	390-725	P	557.9	24	161-300	P	230.7	9	35-64	P	49.6	5	14
Siemens Advia	27	110-204	P	156.9	7	123-229	P	175.8	7	397-737	P	567.1	24	162-301	P	231.4	11	34-64	P	49.3	3	11
Siemens Dimension	28	103-191	P	146.9	17	118-219	P	168.3	7	386-716	P	550.8	18	156-289	P	222.6	8	30-55	P	42.4	4	173
Initial Grouping by Sensitivity or Principle																						
Low recovery methods	29	103-191	P	147.1	12	108-201	P	154.5	12	341-634	P	487.5	29	149-276	P	212.6	16	27-51	P	39.3	6	78
Low moderate recovery meths	30	104-193	P	148.4	13	118-219	P	168.6	15	373-692	P	532.2	42	153-284	P	218.8	17	33-62	P	47.8	5	94
Moderate recovery methods	31	112-207	P	159.3	13	127-235	P	181.1	15	395-733	P	564.0	55	164-305	P	234.3	17	38-70	P	53.8	12	55
High moderate recovery meth	32	110-204	P	156.8	9	123-228	P	175.3	9	376-698	P	537.3	18	158-293	P	225.7	13	38-71	P	54.5	7	21
High recovery methods	33	104-193	P	148.1	17	118-220	P	169.0	9	387-718	P	552.4	25	156-290	P	223.5	10	30-56	P	43.3	5	193
Very high recovery methods	34	119-221	P	169.6	11	136-252	P	193.6	13	425-790	P	607.7	35	175-324	P	249.4	23	41-75	P	57.9	18	154
Total Population																						
Whole Population	35	109-202	P	155.7	14	123-228	P	175.0	17	389-723	P	556.0	50	161-298	P	229.5	20	34-63	P	48.1	8	615