AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

BASIC 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
Bilirubin, Total																						
Initial Grouping by Reagent and Instrument																						
Abaxis Piccolo & Abaxis Piccolo POC analyzer	1	0.4-1.2	C	0.82	0.0	3.3-5.0	P	4.14	0.1	1.9-2.8	P	2.32	0.1	1.7-2.5	P	2.09	0.1	3.9-5.8	P	4.83	0.1	10
Abbott Aeroset/Architect & Abbott Architect c, ci, i	2	0.3-1.1	C	0.73	0.1	3.3-5.0	P	4.17	0.3	1.7-2.6	P	2.14	0.2	1.6-2.5	P	2.04	0.2	3.9-5.9	P	4.90	0.3	14
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	3	0.6-1.4	C	1.01	0.1	4.0-6.1	P	5.05	0.2	2.3-3.5	P	2.88	0.1	2.1-3.1	P	2.60	0.1	4.8-7.2	P	5.99	0.2	78
Beckman & Beckman Synchron CX4/CX5	4	0.8-1.6	C	1.19	0.2	3.7-5.5	P	4.62	0.1	2.3-3.5	P	2.94	0.2	2.1-3.1	P	2.60	0.1	4.3-6.4	P	5.34	0.2	22
Beckman & Beckman Synchron CX3/7/9/L	5	0.8-1.6	C	1.19	0.1	3.7-5.6	P	4.64	0.2	2.4-3.6	P	2.99	0.2	2.1-3.1	P	2.59	0.2	4.3-6.4	P	5.37	0.2	30
Beckman & Beckman Unicel DXC series	6	0.8-1.6	C	1.21	0.2	3.8-5.6	P	4.69	0.2	2.4-3.5	P	2.94	0.2	2.1-3.1	P	2.58	0.2	4.2-6.4	P	5.30	0.2	65
Carolina & Beckman Synchron CX3/7/9/L	7	0.6-1.5	C	1.05	0.2	3.5-5.3	P	4.42	0.2	2.2-3.3	P	2.74	0.3	1.9-2.9	P	2.38	0.1	4.2-6.3	P	5.25	0.3	20
Clinical Data & Vital Diagnostics ATAC 8000	8	0.5-1.3	C	0.95	0.1	4.0-6.0	P	4.97	0.2	2.3-3.5	P	2.93	0.2	2.0-3.0	P	2.52	0.1	4.6-6.9	P	5.72	0.3	23
Clinical Data Envoy & Vital Diagnostics Envoy 500	9	0.3-1.1	C	0.68	0.0	3.2-4.8	P	3.96	0.1	1.6-2.5	P	2.04	0.1	1.5-2.3	C	1.92	0.1	3.8-5.6	P	4.69	0.2	12
Horiba ABX & Horiba ABX Pentra 400	10	0.4-1.2	C	0.83	0.0	3.7-5.6	P	4.67	0.2	1.9-2.9	P	2.38	0.1	1.8-2.7	P	2.28	0.1	4.4-6.6	P	5.50	0.3	13
J&J Vitros not neonatal & J&J Vitros not DT or ECi	11	0.4-1.2	C	0.80	0.1	3.3-5.0	P	4.17	0.3	2.0-3.0	P	2.50	0.2	1.7-2.5	P	2.12	0.2	3.9-5.8	P	4.87	0.3	82
J&J Vitros not neonatal & J&J Vitros 5,1 FS	12	0.2-1.0	C	0.65	0.1	3.3-5.0	P	4.18	0.2	2.0-3.0	P	2.48	0.1	1.7-2.5	P	2.10	0.1	3.9-5.9	P	4.94	0.2	19
Beckman Olympus & Beck Oly AU 400/600/5400	13	0.7-1.5	C	1.14	0.1	4.0-6.0	P	5.01	0.2	2.3-3.4	P	2.84	0.2	2.2-3.2	P	2.69	0.1	4.7-7.0	P	5.84	0.3	45
Roche Cobas BILTS & Roche Cobas Integra	14	0.3-1.1	C	0.74	0.1	3.3-5.0	P	4.17	0.1	1.7-2.6	P	2.14	0.1	1.6-2.5	P	2.05	0.1	4.0-5.9	P	4.94	0.1	19
SDI Biomed & SDI CA240, 480	15	0.8-1.6	C	1.18	0.1	5.1-7.7	P	6.39	0.4	2.6-3.9	P	3.25	0.2	2.5-3.7	P	3.08	0.2	6.2-9.3	P	7.74	0.5	13
Siemens Dimension & Siemens Dimension series	16	0.4-1.2	C	0.78	0.1	3.5-5.2	P	4.34	0.1	1.9-2.9	P	2.38	0.1	1.7-2.6	P	2.16	0.1	4.0-6.1	P	5.05	0.2	92
Siemens Dimension & Siemens Dimension EXL	17	0.4-1.2	C	0.76	0.1	3.4-5.2	P	4.29	0.1	1.9-2.8	P	2.35	0.1	1.7-2.6	P	2.13	0.1	4.0-6.0	P	4.98	0.1	16
Siemens Dimension & Siemens Dimension Rxl	18	0.4-1.2	C	0.77	0.1	3.5-5.2	P	4.33	0.1	1.9-2.9	P	2.41	0.1	1.8-2.6	P	2.19	0.1	4.1-6.1	P	5.09	0.2	19
Siemens Dimension & Siemens Dimension Xpand	19	0.4-1.2	C	0.78	0.1	3.5-5.2	P	4.33	0.1	1.9-2.9	P	2.39	0.1	1.7-2.6	P	2.17	0.1	4.0-6.1	P	5.04	0.1	89
Initial Grouping by Reagent																						
Abaxis Piccolo	20	0.4-1.2	C	0.82	0.0	3.3-5.0	P	4.14	0.1	1.9-2.8	P	2.32	0.1	1.7-2.5	P	2.09	0.1	3.9-5.8	P	4.83	0.1	10
Abbott Aeroset/Architect	21	0.3-1.1	C	0.75	0.1	3.4-5.0	P	4.19	0.3	1.7-2.6	P	2.16	0.2	1.7-2.5	P	2.06	0.2	3.9-5.9	P	4.92	0.4	17
Alfa Wassermann	22	0.6-1.4	C	1.02	0.1	4.0-6.1	P	5.06	0.2	2.3-3.4	P	2.87	0.1	2.1-3.1	P	2.60	0.1	4.8-7.2	P	5.99	0.2	78
Beckman	23	0.8-1.6	C	1.22	0.3	3.7-5.6	P	4.66	0.3	2.4-3.5	P	2.96	0.3	2.1-3.1	P	2.60	0.3	4.2-6.4	P	5.30	0.4	126
Carolina	24	0.6-1.4	C	1.04	0.2	3.6-5.4	P	4.52	0.3	2.2-3.3	P	2.74	0.3	1.9-2.9	P	2.41	0.2	4.2-6.3	P	5.24	0.3	33
Clinical Data	25	0.5-1.3	C	0.95	0.1	4.0-6.0	P	4.97	0.2	2.3-3.5	P	2.93	0.2	2.0-3.0	P	2.52	0.1	4.6-6.9	P	5.72	0.3	23
Clinical Data Envoy	26	0.3-1.1	C	0.69	0.0	3.2-4.7	P	3.95	0.2	1.6-2.5	P	2.05	0.1	1.5-2.3	C	1.93	0.1	3.7-5.6	P	4.67	0.2	15
DCL/Genzyme	27	0.4-1.2	C	0.82	0.1	3.5-5.3	P	4.43	0.4	1.8-2.8	P	2.30	0.2	1.8-2.7	P	2.23	0.2	4.2-6.3	P	5.27	0.5	25
Horiba ABX	28	0.4-1.2	C	0.83	0.0	3.7-5.6	P	4.67	0.2	1.9-2.9	P	2.38	0.1	1.8-2.7	P	2.28	0.1	4.4-6.6	P	5.50	0.3	13
J&J Vitros not neonatal	29	0.4-1.2	C	0.77	0.1	3.3-5.0	P	4.18	0.3	2.0-3.0	P	2.49	0.2	1.7-2.5	P	2.12	0.2	3.9-5.9	P	4.90	0.3	110
Beckman Olympus	30	0.7-1.5	C	1.15	0.1	4.0-6.0	P	5.01	0.2	2.3-3.4	P	2.84	0.2	2.2-3.2	P	2.69	0.1	4.7-7.0	P	5.84	0.3	49
Pointe Sci	31	0.5-1.3	C	0.88	0.2	3.8-5.7	P	4.76	0.5	2.0-3.1	P	2.54	0.3	1.9-2.8	P	2.34	0.2	4.5-6.7	P	5.62	0.5	22
Roche Cobas	32	0.4-1.2	C	0.78	0.1	3.5-5.3	P	4.40	0.4	1.9-2.8	P	2.32	0.3	1.7-2.6	P	2.13	0.3	4.2-6.3	P	5.28	0.6	10
Roche Cobas BILTS	33	0.3-1.1	C	0.72	0.1	3.3-5.0	P	4.16	0.2	1.7-2.5	P	2.12	0.1	1.6-2.4	P	2.02	0.1	3.9-5.9	P	4.94	0.2	33
Roche/Hitachi diazonium	34	0.3-1.1	C	0.71	0.1	3.3-5.0	P	4.15	0.1	1.8-2.7	P	2.25	0.2	1.7-2.5	P	2.08	0.1	4.0-5.9	P	4.95	0.2	12
SDI Biomed	35	0.8-1.6	C	1.18	0.1	5.1-7.7	P	6.39	0.4	2.6-3.9	P	3.25	0.2	2.5-3.7	P	3.08	0.2	6.2-9.3	P	7.74	0.5	13
Siemens Dimension	36	0.4-1.2	C	0.78	0.1	3.5-5.2	P	4.33	0.2	1.9-2.9	P	2.42	0.5	1.7-2.6	P	2.17	0.1	4.0-6.0	P	5.03	0.2	217
Initial Grouping by Sensitivity or Principle																						
Diazo/caffeine-benzoate	37	0.5-1.3	C	0.93	0.3	3.6-5.3	P	4.45	0.3	2.1-3.1	P	2.59	0.5	1.9-2.8	P	2.31	0.3	4.1-6.2	P	5.14	0.3	382
Diazo/DMSO	38	0.5-1.3	C	0.94	0.2	3.9-5.8	P	4.83	0.5	2.2-3.2	P	2.70	0.3	2.0-2.9	P	2.45	0.3	4.8-7.3	P	6.05	4.1	148
Diazo/surfactant	39	0.6-1.4	C	1.00	1.2	3.8-5.7	P	4.78	0.9	2.0-3.0	P	2.46	0.5	1.9-2.8	P	2.31	0.5	4.6-6.8	P	5.70	1.2	67
Diazonium ion	40	0.5-1.3	C	0.90	0.2	3.6-5.4	P	4.46	0.4	2.1-3.1	P	2.57	0.3	1.8-2.8	P	2.30	0.3	4.2-6.3	P	5.21	0.5	249
Oxidation	41	0.5-1.3	C	0.92	0.5	3.3-5.0	P	4.17	0.4	2.0-3.0	P	2.47	0.8	1.7-2.5	P	2.10	0.2	3.9-5.9	P	4.93	0.3	21
Total Population																						
Whole Population	42	0.5-1.3	C	0.89	0.2	3.6-5.4	P	4.52	0.4	2.1-3.1	P	2.57	0.3	1.9-2.8	P	2.33	0.3	4.2-6.3	P	5.27	0.5	895