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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
Protein, Total																						
Initial Grouping by Reagent and Instrument																						
All refractometers & All refractometers	1	6.6-8.1	P	7.34	0.1	5.4-6.7	P	6.05	0.1	9.6-11.7	P	10.63	0.1	6.7-8.2	P	7.46	0.1	4.0-4.9	P	4.49	0.1	302
Abaxis Piccolo & Abaxis Piccolo POC analyzer	2	5.2-6.3	P	5.74	0.1	4.0-4.9	P	4.44	0.1	7.8-9.5	P	8.64	0.1	5.2-6.3	P	5.76	0.1	2.6-3.2	P	2.94	0.1	10
Abbott bic/no SB & Abbott Architect c, ci, i	3	5.0-6.2	P	5.59	0.0	3.9-4.8	P	4.35	0.1	7.8-9.5	P	8.67	0.1	5.1-6.3	P	5.69	0.0	2.6-3.2	P	2.90	0.0	14
Alfa Wassermann bic/no SB & Alfa Wasser ACE/Centr/Alera	4	5.0-6.1	P	5.55	0.2	3.9-4.8	P	4.35	0.2	7.7-9.4	P	8.56	0.3	5.1-6.3	P	5.70	0.2	2.6-3.2	P	2.93	0.1	74
Beckman rate & Beckman Synchron CX3/7/9/L	5	5.0-6.1	P	5.54	0.1	3.9-4.8	P	4.35	0.1	7.8-9.5	P	8.64	0.4	5.1-6.3	P	5.69	0.1	2.6-3.2	P	2.92	0.1	11
Beckman rate & Beckman Unicel DXC series	6	4.8-5.8	P	5.31	0.1	3.8-4.6	P	4.22	0.1	7.4-9.0	P	8.22	0.3	4.9-6.0	P	5.45	0.1	2.5-3.1	P	2.83	0.1	18
Beckman unc & Beckman Synchron CX4/CX5	7	4.8-5.9	P	5.34	0.1	3.8-4.6	P	4.19	0.2	7.4-9.1	P	8.27	0.2	4.9-6.0	P	5.44	0.2	2.5-3.0	P	2.76	0.2	18
Beckman unc & Beckman Synchron CX3/7/9/L	8	5.0-6.1	P	5.51	0.1	3.9-4.7	P	4.29	0.1	7.7-9.4	P	8.56	0.3	5.1-6.2	P	5.64	0.1	2.6-3.2	P	2.92	0.1	18
Beckman unc & Beckman Unicel DXC series	9	4.8-5.8	P	5.30	0.1	3.8-4.6	P	4.19	0.1	7.4-9.1	P	8.25	0.2	4.9-6.0	P	5.47	0.1	2.6-3.2	P	2.87	0.1	46
Carolina rate & Beckman Synchron CX3/7/9/L	10	4.7-5.8	P	5.26	0.1	3.6-4.5	P	4.05	0.1	7.3-8.9	P	8.11	0.2	4.8-5.9	P	5.32	0.1	2.4-2.9	P	2.66	0.1	20
Clinical Dat ATAC bic/no SB & Vital Diagnostics ATAC 8000	11	5.2-6.3	P	5.74	0.2	4.0-4.9	P	4.44	0.2	7.8-9.5	P	8.65	0.3	5.2-6.4	P	5.80	0.3	2.7-3.3	P	2.97	0.1	23
Clinical Data Envoy & Vital Diagnostics Envoy 500	12	5.1-6.3	P	5.69	0.1	4.0-4.8	P	4.40	0.1	7.8-9.6	P	8.71	0.2	5.2-6.3	P	5.77	0.1	2.7-3.2	P	2.95	0.1	12
Horiba ABX & Horiba ABX Pentra 400	13	5.2-6.3	P	5.74	0.1	4.0-4.9	P	4.48	0.1	7.8-9.6	P	8.72	0.1	5.2-6.4	P	5.81	0.1	2.7-3.3	P	3.02	0.0	13
J&J Vitros unc & J&J Vitros not DT or ECi	14	4.9-6.0	P	5.41	0.2	3.9-4.8	P	4.33	0.2	7.6-9.3	P	8.45	0.2	5.0-6.2	P	5.60	0.2	2.7-3.3	P	3.04	0.1	83
J&J Vitros unc & J&J Vitros 5,1 FS	15	4.9-6.0	P	5.42	0.3	3.9-4.8	P	4.33	0.2	7.6-9.3	P	8.45	0.3	5.0-6.2	P	5.60	0.2	2.7-3.3	P	3.03	0.1	19
Beckman Olympus bic/no SB & Beck Oly AU 400/600/5400	16	5.0-6.1	P	5.51	0.1	3.8-4.7	P	4.27	0.1	7.6-9.3	P	8.50	0.2	5.1-6.2	P	5.63	0.2	2.6-3.2	P	2.88	0.1	46
Roche Cobas SB & Roche Cobas Integra	17	5.1-6.2	P	5.62	0.2	3.9-4.8	P	4.35	0.1	7.7-9.4	P	8.57	0.3	5.2-6.3	P	5.72	0.2	2.6-3.2	P	2.91	0.1	26
SDI Biomed & SDI CA240, 480	18	5.6-6.8	P	6.20	0.4	4.4-5.4	P	4.90	0.2	8.5-10.3	P	9.40	0.4	5.6-6.9	P	6.24	0.2	3.1-3.8	P	3.49	0.3	13
Siemens biuret based & Siemens Advia series	19	5.1-6.3	P	5.69	0.2	4.0-4.9	P	4.47	0.1	7.9-9.6	P	8.73	0.3	5.2-6.4	P	5.79	0.2	2.7-3.3	P	3.03	0.1	15
Siemens biuret based & Siemens Dimension Xpand	20	5.2-6.3	P	5.77	0.1	4.0-4.9	P	4.43	0.1	8.0-9.7	P	8.86	0.1	5.3-6.4	P	5.84	0.1	2.6-3.2	P	2.94	0.1	20
Siemens Dimension bic/SB & Siemens Dimension series	21	5.2-6.3	P	5.74	0.1	4.0-4.8	P	4.41	0.1	8.0-9.7	P	8.84	0.2	5.3-6.4	P	5.84	0.1	2.6-3.2	P	2.92	0.1	92
Siemens Dimension bic/SB & Siemens Dimension EXL	22	5.2-6.3	P	5.73	0.1	4.0-4.9	P	4.44	0.1	8.0-9.8	P	8.88	0.1	5.3-6.4	P	5.86	0.1	2.6-3.2	P	2.92	0.1	13
Siemens Dimension bic/SB & Siemens Dimension Rxl	23	5.2-6.3	P	5.76	0.1	4.0-4.9	P	4.42	0.1	7.9-9.7	P	8.83	0.1	5.2-6.4	P	5.83	0.1	2.6-3.2	P	2.94	0.1	15
Siemens Dimension bic/SB & Siemens Dimension Xpand	24	5.2-6.3	P	5.74	0.1	4.0-4.9	P	4.42	0.1	8.0-9.7	P	8.84	0.2	5.3-6.4	P	5.84	0.1	2.6-3.2	P	2.94	0.1	71
Initial Grouping by Reagent																						
All refractometers	25	6.6-8.1	P	7.34	0.1	5.4-6.6	P	6.04	0.2	9.6-11.7	P	10.62	0.1	6.7-8.2	P	7.46	0.1	4.0-4.9	P	4.48	0.1	308
Abaxis Piccolo	26	5.2-6.3	P	5.74	0.1	4.0-4.9	P	4.44	0.1	7.8-9.5	P	8.64	0.1	5.2-6.3	P	5.76	0.1	2.6-3.2	P	2.94	0.1	10
Abbott bic/no SB	27	5.0-6.2	P	5.60	0.1	3.9-4.8	P	4.36	0.1	7.8-9.6	P	8.69	0.1	5.1-6.3	P	5.70	0.1	2.6-3.2	P	2.90	0.0	17
Alfa Wassermann bic/no SB	28	5.0-6.1	P	5.55	0.2	3.9-4.8	P	4.35	0.2	7.7-9.4	P	8.56	0.3	5.1-6.3	P	5.72	0.3	2.6-3.2	P	2.94	0.1	74
Beckman rate	29	4.8-5.9	P	5.36	0.2	3.8-4.7	P	4.24	0.2	7.6-9.2	P	8.39	0.3	5.0-6.1	P	5.52	0.1	2.6-3.1	P	2.86	0.1	39
Beckman unc	30	4.8-5.9	P	5.34	0.3	3.8-4.6	P	4.21	0.3	7.5-9.1	P	8.30	0.5	4.9-6.0	P	5.45	0.4	2.6-3.2	P	2.91	0.4	84
Carolina rate	31	4.8-5.9	P	5.35	0.2	3.8-4.6	P	4.17	0.2	7.4-9.1	P	8.25	0.4	4.9-6.0	P	5.41	0.2	2.5-3.1	P	2.83	0.4	31
Clinical Dat ATAC bic/no SB	32	5.2-6.3	P	5.74	0.2	4.0-4.9	P	4.44	0.2	7.8-9.5	P	8.65	0.3	5.2-6.4	P	5.80	0.3	2.7-3.3	P	2.97	0.1	23
Clinical Data Envoy	33	5.1-6.3	P	5.70	0.1	4.0-4.8	P	4.41	0.1	7.8-9.6	P	8.71	0.2	5.2-6.4	P	5.77	0.1	2.7-3.2	P	2.95	0.1	15
DCL/Genzyme unc	34	5.0-6.2	P	5.60	0.3	4.0-4.9	P	4.42	0.2	7.7-9.4	P	8.52	0.4	5.1-6.3	P	5.69	0.3	2.7-3.3	P	3.00	0.1	26
Horiba ABX	35	5.2-6.3	P	5.74	0.1	4.0-4.9	P	4.48	0.1	7.8-9.6	P	8.72	0.1	5.2-6.4	P	5.81	0.1	2.7-3.3	P	3.02	0.0	13
J&J Vitros unc	36	4.9-6.0	P	5.41	0.2	3.9-4.8	P	4.33	0.2	7.6-9.3	P	8.46	0.3	5.0-6.2	P	5.61	0.2	2.7-3.3	P	3.04	0.1	107
Beckman Olympus bic/no SB	37	5.0-6.1	P	5.53	0.2	3.9-4.7	P	4.28	0.1	7.7-9.4	P	8.51	0.2	5.1-6.2	P	5.64	0.2	2.6-3.2	P	2.88	0.1	50
Pointe Sci unc	38	5.1-6.2	P	5.65	0.2	4.0-4.8	P	4.40	0.3	7.9-9.7	P	8.80	0.3	5.2-6.3	P	5.73	0.2	2.7-3.3	P	2.96	0.2	15
Roche Cobas SB	39	5.1-6.2	P	5.63	0.2	3.9-4.8	P	4.37	0.1	7.7-9.4	P	8.58	0.3	5.1-6.3	P	5.72	0.2	2.6-3.2	P	2.91	0.1	42
Roche/Hitachi bic/SB	40	5.1-6.3	P	5.69	0.1	4.0-4.9	P	4.41	0.1	7.8-9.6	P	8.68	0.2	5.2-6.3	P	5.76	0.1	2.6-3.2	P	2.92	0.1	20
SDI Biomed	41	5.6-6.8	P	6.20	0.4	4.4-5.4	P	4.90	0.2	8.5-10.3	P	9.40	0.4	5.6-6.9	P	6.24	0.2	3.1-3.8	P	3.49	0.3	13
Siemens biuret based	42	5.2-6.3	P	5.73	0.1	4.0-4.9	P	4.44	0.1	7.9-9.7	P	8.80	0.2	5.2-6.4	P	5.82	0.1	2.7-3.3	P	2.96	0.1	42

		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
Siemens Dimension bic/SB	43	5.2-6.3	P	5.74	0.1	4.0-4.9	P	4.42	0.1	8.0-9.7	P	8.84	0.2	5.3-6.4	P	5.84	0.1	2.6-3.2	P	2.93	0.1	191
Initial Grouping by Sensitivity or Principle																						
All refractometer users	44	6.6-8.1	P	7.34	0.1	5.4-6.6	P	6.04	0.2	9.6-11.7	P	10.62	0.1	6.7-8.2	P	7.46	0.1	4.0-4.9	P	4.48	0.1	308
Bichromatic-no sam blanks	45	5.1-6.2	P	5.64	0.2	3.9-4.8	P	4.38	0.2	7.8-9.6	P	8.69	1.3	5.2-6.3	P	5.74	0.2	2.7-3.2	P	2.94	0.1	253
Bichromatic-sample blanked	46	5.2-6.3	P	5.74	0.1	4.0-4.9	P	4.42	0.1	7.9-9.7	P	8.83	0.2	5.3-6.4	P	5.83	0.1	2.6-3.2	P	2.93	0.1	211
Just sample blanked	47	5.1-6.2	P	5.63	0.2	3.9-4.8	P	4.38	0.1	7.7-9.4	P	8.58	0.3	5.2-6.3	P	5.72	0.2	2.6-3.2	P	2.91	0.1	43
Rate	48	4.9-5.9	P	5.40	0.4	3.8-4.6	P	4.23	0.2	7.4-9.0	P	8.18	0.9	4.9-6.0	P	5.46	0.2	2.6-3.2	P	2.86	0.3	70
Uncorrected	49	4.9-6.0	P	5.49	0.4	3.9-4.8	P	4.35	0.3	7.7-9.4	P	8.50	0.5	5.1-6.2	P	5.63	0.4	2.7-3.3	P	3.03	0.3	276
Total Population																						
Whole Population	50	5.4-6.7	P	6.05	0.8	4.3-5.3	P	4.81	0.8	8.2-10.1	P	9.14	0.9	5.6-6.8	P	6.17	0.8	2.9-3.6	P	3.27	0.6	1187