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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
Thyroxine, Free (FT4)																						
Initial Grouping by Reagent and Instrument																						
Abbott MEIA & Abbott AxSYM	1	1.1-1.6	S	1.37	0.1	1.6-2.4	S	1.98	0.1	2.9-4.4	S	3.61	0.2	1.6-2.2	S	1.92	0.1	0.7-1.1	S	0.90	0.1	41
Abbott MEIA & Abbott IMx	2	1.2-1.7	S	1.43	0.1	1.5-2.3	S	1.91	0.1	2.3-5.2	S	3.74	0.5	1.6-2.4	S	2.01	0.1	0.7-1.1	S	0.87	0.1	13
Beckman Access & Beckman Access luminometer	3	1.6-2.4	S	2.04	0.1	1.8-2.7	S	2.24	0.1	3.0-4.5	S	3.79	0.2	2.1-3.0	S	2.55	0.2	0.8-1.4	S	1.09	0.1	92
bioMerieux Vidas & bioMerieux mini Vidas/Vidas	4	1.3-2.1	S	1.73	0.1	1.4-2.2	S	1.80	0.1	3.4-5.3	S	4.37	0.3	1.7-2.7	S	2.17	0.2	0.6-1.0	S	0.77	0.1	38
Dade Behring & Siemens Dimension series	5	2.1-4.8	S	3.46	0.5	2.3-4.9	S	3.60	0.4	4.0-7.7	S	5.83	0.6	2.6-5.7	S	4.18	0.5	0.8-2.2	S	1.50	0.2	34
Dade Behring & Siemens Dimension Xpand	6	2.4-4.5	S	3.45	0.3	2.6-4.7	S	3.64	0.3	4.6-7.2	S	5.88	0.4	3.0-5.3	S	4.16	0.4	1.0-1.9	S	1.48	0.1	24
DiaSorin GammaCoat 1-Step & All gamma counters	7	0.7-2.1	S	1.42	0.2	0.6-1.9	S	1.24	0.2	2.2-4.8	S	3.51	0.4	1.1-2.6	S	1.82	0.3	0.1-0.6	S	0.35	0.1	36
J&J Vitros & J&J Vitros ECi	8	5.4-6.8	S	6.10	0.2	5.8-7.2	S	6.50	0.2	6.8-7.1	S	6.94	0.1	6.7-7.1	S	6.91	0.1	2.8-3.9	S	3.36	0.2	21
Roche Elecsys & Roche Elecsys series	9	2.3-3.1	S	2.72	0.1	2.4-3.2	S	2.80	0.1	5.6-8.9	S	7.26	0.6	2.9-3.9	S	3.41	0.2	1.1-1.5	S	1.34	0.1	27
Siemens Coat-A-Count & All gamma counters	10	0.6-1.4	S	1.00	0.1	0.6-1.6	S	1.12	0.2	2.2-4.1	S	3.15	0.3	0.9-1.9	S	1.41	0.2	0.2-0.6	S	0.38	0.1	25
Siemens ADVIA Centaur/IMS & Siemens Centaur/Centaur CP	11	1.5-2.7	S	2.13	0.2	2.0-3.0	S	2.46	0.2	3.5-6.2	S	4.88	0.4	2.1-3.4	S	2.75	0.2	0.9-1.4	S	1.14	0.1	18
Siemens Dimension & Siemens Dimension Xpand	12	2.4-4.5	S	3.45	0.3	2.6-4.6	S	3.56	0.3	4.4-7.1	S	5.72	0.5	2.9-5.1	S	4.03	0.4	1.0-1.9	S	1.46	0.1	21
Siemens Immulite (1-step) & Siemens Immulite/Immul 1000	13	1.2-4.1	S	2.67	0.5	1.4-4.1	S	2.76	0.4	3.1-7.5	S	5.29	0.7	1.8-4.7	S	3.24	0.5	1.1-1.9	S	1.51	0.1	23
Siemens Immulite (1-step) & Siemens Immulite 2000	14	1.4-3.9	S	2.67	0.4	1.4-4.0	S	2.74	0.4	3.8-7.1	S	5.45	0.5	1.8-4.6	S	3.21	0.5	0.4-2.3	S	1.35	0.3	19
Siemens Immulite (analog) & Siemens Immulite 2000	15	2.6-3.2	S	2.86	0.1	2.6-3.2	S	2.94	0.1	4.5-6.5	S	5.49	0.3	3.1-3.8	S	3.46	0.1	1.3-1.8	S	1.54	0.1	16
Tosoh AIA & Tosoh Medics AIA	16	2.3-3.9	S	3.13	0.3	2.6-4.5	S	3.56	0.3	5.7-8.7	S	7.21	0.5	3.1-5.1	S	4.10	0.3	1.1-2.0	S	1.56	0.1	22
Tosoh AIA & Tosoh Medics ST AIA	17	2.8-3.8	S	3.27	0.2	3.1-4.2	S	3.69	0.2	6.1-8.5	S	7.32	0.4	3.7-4.8	S	4.25	0.2	1.3-1.9	S	1.60	0.1	23
Initial Grouping by Reagent																						
Abbott MEIA	18	1.1-1.7	S	1.39	0.1	1.6-2.4	S	1.96	0.1	2.7-4.6	S	3.64	0.3	1.6-2.3	S	1.95	0.1	0.7-1.1	S	0.89	0.1	54
Beckman Access	19	1.6-2.4	S	2.04	0.1	1.8-2.7	S	2.23	0.2	3.0-4.6	S	3.80	0.3	2.1-3.0	S	2.55	0.2	0.0-4.4	S	1.19	1.1	100
bioMerieux Vidas	20	1.2-2.3	S	1.74	0.2	0.5-3.3	S	1.89	0.5	2.6-6.0	S	4.31	0.6	1.6-2.8	S	2.19	0.2	0.2-1.4	S	0.80	0.2	41
Dade Behring	21	1.9-4.9	S	3.44	0.5	1.5-5.8	S	3.64	0.7	4.0-7.6	S	5.82	0.6	2.5-5.7	S	4.13	0.5	0.3-2.7	S	1.50	0.4	65
DiaSorin GammaCoat 1-Step	22	0.8-2.0	S	1.41	0.2	0.6-1.8	S	1.23	0.2	2.2-4.9	S	3.51	0.5	0.9-2.7	S	1.80	0.3	0.0-0.6	S	0.34	0.1	43
J&J Vitros	23	5.4-6.8	S	6.09	0.2	5.8-7.2	S	6.49	0.2	6.8-7.1	S	6.94	0.1	6.7-7.1	S	6.92	0.1	2.8-3.9	S	3.35	0.2	25
Roche Elecsys	24	2.4-3.1	S	2.72	0.1	2.4-3.2	S	2.79	0.1	5.7-8.8	S	7.26	0.5	2.9-3.9	S	3.41	0.2	1.1-1.5	S	1.34	0.1	38
Siemens Coat-A-Count	25	0.6-1.4	S	1.00	0.1	0.6-1.6	S	1.12	0.2	2.2-4.1	S	3.15	0.3	0.9-1.9	S	1.41	0.2	0.2-0.6	S	0.38	0.1	25
Siemens ADVIA Centaur/IMS	26	1.5-2.7	S	2.12	0.2	1.9-3.0	S	2.47	0.2	3.4-6.4	S	4.93	0.5	2.1-3.4	S	2.76	0.2	0.9-1.3	S	1.14	0.1	22
Siemens Dimension	27	2.4-4.4	S	3.37	0.3	2.6-4.4	S	3.50	0.3	4.3-7.1	S	5.70	0.5	3.0-5.0	S	4.00	0.3	1.0-1.8	S	1.43	0.1	37
Siemens Immulite (1-step)	28	1.3-4.0	S	2.68	0.4	1.4-4.1	S	2.75	0.4	3.4-7.3	S	5.37	0.7	1.8-4.7	S	3.23	0.5	0.5-2.2	S	1.37	0.3	43
Siemens Immulite (analog)	29	2.3-3.4	S	2.84	0.2	2.3-3.5	S	2.90	0.2	4.7-6.4	S	5.55	0.3	2.8-4.0	S	3.43	0.2	1.0-2.0	S	1.53	0.2	27
Tosoh AIA	30	2.4-3.9	S	3.17	0.3	2.8-4.4	S	3.62	0.3	5.7-8.9	S	7.30	0.5	3.2-5.1	S	4.17	0.3	1.2-1.9	S	1.57	0.1	49
Initial Grouping by Sensitivity or Principle																						
Low recovery methods	31	1.1-2.7	S	1.87	0.3	0.6-3.6	S	2.07	0.5	2.7-6.4	S	4.53	0.6	1.4-3.4	S	2.39	0.3	0.0-1.9	S	0.94	0.3	63
Low moderate recovery meth	32	1.3-5.1	S	3.19	0.6	2.2-4.6	S	3.40	0.4	3.2-8.5	S	5.87	0.9	2.6-5.2	S	3.91	0.4	0.7-2.1	S	1.37	0.2	43
Moderate recovery methods	33	0.0-4.9	S	2.29	0.9	0.0-5.3	S	2.50	0.9	0.0-9.8	S	4.90	1.6	0.0-5.9	S	2.90	1.0	0.0-3.3	S	1.12	0.7	383
High moderate recovery meth	34	1.5-3.9	S	2.71	0.4	1.3-4.2	S	2.75	0.5	3.7-7.1	S	5.42	0.6	1.0-5.7	S	3.37	0.8	0.6-2.3	S	1.41	0.3	70
High recovery methods	35	3.7-8.2	S	5.95	0.7	4.4-8.4	S	6.37	0.7	5.3-8.4	S	6.85	0.5	5.0-8.6	S	6.80	0.6	2.1-4.4	S	3.28	0.4	26
Total Population																						
Whole Population	36	0.9-4.0	S	2.48	0.5	0.9-4.3	S	2.60	0.6	1.7-7.7	S	4.68	1.0	1.1-5.0	S	3.09	0.7	0.6-2.0	S	1.27	0.2	604