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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
Thyroid Stimulating Hormone																						
Initial Grouping by Reagent and Instrument																						
Abbott CMIA & Abbott Architect c, ci, i	1	2.9-3.3	S	3.10	0.1	3.0-3.6	S	3.30	0.1	9.9-13.0	S	11.42	0.5	4.0-5.1	S	4.53	0.2	0.3-0.3	S	0.30	0.0	10
Abbott MEIA & Abbott AxSYM	2	2.4-4.0	S	3.21	0.3	2.5-4.3	S	3.39	0.3	8.4-14.8	S	11.61	1.1	3.6-5.9	S	4.75	0.4	0.2-0.5	S	0.36	0.1	50
Abbott MEIA & Abbott IMx	3	2.7-3.8	S	3.24	0.2	2.8-3.8	S	3.31	0.2	8.9-13.9	S	11.39	0.8	3.8-5.6	S	4.70	0.3	0.3-0.5	S	0.38	0.0	39
Beckman Access & Beckman Access luminometer	4	2.5-3.5	S	3.03	0.2	2.7-3.7	S	3.21	0.2	7.8-12.8	S	10.32	0.8	3.7-5.2	S	4.45	0.2	0.2-0.4	S	0.31	0.0	112
bioMerieux Vidas & bioMerieux mini Vidas/Vidas	5	3.0-4.3	S	3.64	0.2	3.3-4.7	S	3.99	0.2	11.2-15.9	S	13.55	0.8	4.6-6.4	S	5.50	0.3	0.3-0.5	S	0.38	0.0	57
Dade Behring & Siemens Dimension series	6	2.8-4.0	S	3.38	0.2	2.8-4.0	S	3.42	0.2	9.6-15.0	S	12.29	0.9	3.7-6.0	S	4.85	0.4	0.2-0.4	S	0.30	0.0	59
Dade Behring & Siemens Dimension Rxl	7	2.7-4.4	S	3.55	0.3	2.7-4.5	S	3.61	0.3	10.0-15.2	S	12.62	0.9	3.9-6.4	S	5.14	0.4	0.3-0.3	S	0.30	0.0	10
Dade Behring & Siemens Dimension Xpand	8	2.6-4.1	S	3.38	0.2	2.6-4.2	S	3.41	0.3	9.3-14.9	S	12.12	0.9	3.5-6.1	S	4.82	0.4	0.2-0.4	S	0.29	0.0	33
DiaSorin CTK-3 & All gamma counters	9	3.2-5.9	S	4.55	0.4	3.8-5.7	S	4.74	0.3	9.5-20.5	S	15.02	1.8	4.5-8.6	S	6.52	0.7	0.3-0.9	S	0.60	0.1	24
DiaSorin GammaCoat & All gamma counters	10	4.0-5.4	S	4.67	0.2	3.9-5.9	S	4.91	0.3	11.5-19.1	S	15.32	1.3	4.9-8.1	S	6.49	0.5	0.3-0.8	S	0.55	0.1	15
J&J Vitros & J&J Vitros ECi	11	3.8-4.9	S	4.38	0.2	4.2-5.6	S	4.90	0.2	13.6-17.8	S	15.72	0.7	5.8-7.6	S	6.70	0.3	0.2-0.5	S	0.34	0.0	22
Roche Elecsys & Roche Elecsys series	12	3.1-3.9	S	3.52	0.1	3.5-4.3	S	3.87	0.1	10.1-12.4	S	11.26	0.4	4.5-5.7	S	5.13	0.2	0.5-0.5	S	0.50	0.0	32
Siemens Coat-A-Count IRMA & All gamma counters	13	2.7-4.1	S	3.43	0.2	2.8-4.4	S	3.60	0.3	11.1-16.2	S	13.67	0.9	4.0-6.3	S	5.12	0.4	0.3-0.7	S	0.48	0.1	26
Siemens ADVIA Centaur/IMS & Siemens Centaur/Centaur CP	14	2.9-5.0	S	3.94	0.4	3.0-5.4	S	4.16	0.4	10.2-17.2	S	13.72	1.2	3.9-7.8	S	5.81	0.6	0.3-0.6	S	0.42	0.1	21
Siemens Dimension & Siemens Dimension series	15	3.1-3.7	S	3.42	0.1	2.7-4.2	S	3.45	0.2	9.1-15.7	S	12.42	1.1	4.1-5.6	S	4.82	0.2	0.3-0.3	S	0.30	0.0	11
Siemens Dimension & Siemens Dimension Xpand	16	2.6-4.1	S	3.38	0.2	2.8-4.1	S	3.45	0.2	9.0-16.2	S	12.60	1.2	3.5-6.4	S	4.94	0.5	0.2-0.4	S	0.30	0.0	36
Siemens Immulite (3rd gen) & Siemens Immulite/Immul 1000	17	2.3-4.3	S	3.31	0.3	2.4-4.5	S	3.43	0.3	8.6-15.5	S	12.01	1.1	3.8-6.1	S	4.95	0.4	0.2-0.5	S	0.36	0.0	44
Siemens Immulite (3rd gen) & Siemens Immulite 2000	18	2.7-4.1	S	3.40	0.2	2.8-4.4	S	3.59	0.3	9.4-15.0	S	12.25	0.9	3.8-6.2	S	4.99	0.4	0.2-0.5	S	0.36	0.1	27
Siemens Immulite (rapid) & Siemens Immulite/Immul 1000	19	2.7-4.1	S	3.38	0.2	2.9-4.1	S	3.48	0.2	8.6-13.9	S	11.28	0.9	4.0-5.7	S	4.84	0.3	0.2-0.5	S	0.36	0.0	17
Siemens Immulite (rapid) & Siemens Immulite 2000	20	2.6-4.3	S	3.48	0.3	2.5-4.5	S	3.51	0.3	8.5-15.2	S	11.85	1.1	3.9-6.1	S	4.99	0.4	0.2-0.5	S	0.36	0.1	23
Tosoh AIA & Tosoh Medics AIA	21	2.9-4.8	S	3.85	0.3	3.1-5.1	S	4.10	0.3	10.6-16.6	S	13.57	1.0	4.4-7.1	S	5.71	0.4	0.3-0.5	S	0.42	0.0	41
Tosoh AIA & Tosoh Medics ST AIA	22	2.7-4.9	S	3.83	0.4	3.1-5.1	S	4.06	0.3	10.1-16.6	S	13.36	1.1	4.2-7.1	S	5.64	0.5	0.3-0.5	S	0.41	0.0	33
Initial Grouping by Reagent																						
Abbott CMIA	23	2.8-3.3	S	3.09	0.1	3.0-3.6	S	3.30	0.1	9.1-13.5	S	11.25	0.7	4.0-5.1	S	4.52	0.2	0.3-0.3	S	0.30	0.0	11
Abbott MEIA	24	2.3-4.2	S	3.26	0.3	2.5-4.2	S	3.37	0.3	8.2-14.9	S	11.57	1.1	3.5-5.9	S	4.75	0.4	0.2-0.5	S	0.37	0.1	89
Beckman Access	25	2.5-3.6	S	3.02	0.2	2.7-3.7	S	3.20	0.2	7.8-12.8	S	10.33	0.8	3.6-5.3	S	4.46	0.3	0.2-0.5	S	0.32	0.0	124
bioMerieux Vidas	26	2.2-5.0	S	3.59	0.5	3.0-5.0	S	4.01	0.3	11.2-15.8	S	13.54	0.8	4.4-6.5	S	5.47	0.4	0.0-1.8	S	0.45	0.5	60
Dade Behring	27	2.3-4.4	S	3.36	0.4	2.7-4.1	S	3.43	0.2	9.6-14.9	S	12.26	0.9	3.7-6.1	S	4.87	0.4	0.2-0.4	S	0.30	0.0	106
DiaSorin CTK-3	28	3.3-5.8	S	4.55	0.4	3.7-5.7	S	4.71	0.3	5.9-23.2	S	14.52	2.9	4.4-8.6	S	6.51	0.7	0.2-1.0	S	0.58	0.1	32
DiaSorin GammaCoat	29	4.0-5.4	S	4.66	0.2	4.0-5.9	S	4.91	0.3	11.7-19.1	S	15.37	1.2	4.9-8.0	S	6.46	0.5	0.3-0.8	S	0.54	0.1	16
J&J Vitros	30	3.8-4.9	S	4.35	0.2	4.2-5.5	S	4.87	0.2	13.6-17.7	S	15.65	0.7	5.8-7.6	S	6.66	0.3	0.2-0.5	S	0.33	0.0	26
Roche Elecsys	31	3.2-4.0	S	3.55	0.1	3.5-4.3	S	3.91	0.1	9.8-12.9	S	11.31	0.5	4.6-5.8	S	5.19	0.2	0.0-2.5	S	0.59	0.6	44
Siemens Coat-A-Count IRMA	32	2.7-4.1	S	3.43	0.2	2.8-4.4	S	3.60	0.3	11.1-16.2	S	13.67	0.9	4.0-6.3	S	5.12	0.4	0.0-3.4	S	0.63	0.9	26
Siemens ADVIA Centaur/IMS	33	2.8-5.0	S	3.90	0.4	2.9-5.3	S	4.12	0.4	10.0-17.1	S	13.56	1.2	3.9-7.6	S	5.76	0.6	0.3-0.6	S	0.42	0.0	26
Siemens Dimension	34	2.7-4.2	S	3.42	0.2	2.6-4.3	S	3.46	0.3	9.3-15.9	S	12.58	1.1	3.6-6.3	S	4.95	0.4	0.2-0.4	S	0.30	0.0	60
Siemens Immulite (3rd gen)	35	2.4-4.3	S	3.34	0.3	2.5-4.4	S	3.48	0.3	8.5-15.6	S	12.08	1.2	3.7-6.2	S	4.95	0.4	0.2-0.5	S	0.36	0.0	78
Siemens Immulite (rapid)	36	2.6-4.2	S	3.44	0.3	2.7-4.3	S	3.50	0.3	8.4-14.8	S	11.61	1.1	3.9-5.9	S	4.92	0.3	0.2-0.5	S	0.36	0.0	40
Tosoh AIA	37	2.9-4.9	S	3.85	0.3	3.0-5.2	S	4.11	0.4	9.9-17.3	S	13.63	1.2	4.2-7.3	S	5.72	0.5	0.3-0.6	S	0.42	0.0	78
Initial Grouping by Sensitivity or Principle																						
Low recovery methods	38	2.5-3.6	S	3.02	0.2	2.7-3.7	S	3.20	0.2	7.8-12.8	S	10.33	0.8	3.6-5.3	S	4.46	0.3	0.2-0.5	S	0.32	0.0	124
Low moderate recovery meths	39	2.0-4.9	S	3.48	0.5	2.1-5.0	S	3.57	0.5	8.5-16.8	S	12.64	1.4	2.9-7.1	S	5.01	0.7	0.1-0.6	S	0.32	0.1	188
Moderate recovery methods	40	2.2-4.7	S	3.45	0.4	2.5-5.0	S	3.71	0.4	8.2-16.6	S	12.39	1.4	3.5-6.7	S	5.12	0.5	0.0-1.8	S	0.45	0.5	261
High moderate recovery meth	41	2.1-5.3	S	3.71	0.5	2.2-5.5	S	3.88	0.6	7.3-18.4	S	12.89	1.8	3.2-7.7	S	5.44	0.7	0.1-0.7	S	0.41	0.1	230
All other methods	42	3.8-4.9	S	4.35	0.2	4.2-5.5	S	4.87	0.2	13.6-17.7	S	15.65	0.7	5.8-7.6	S	6.66	0.3	0.2-0.5	S	0.33	0.0	26

		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
Total Population																						
Whole Population	43	2.2-4.8	S	3.47	0.4	2.2-5.0	S	3.64	0.5	7.4-17.2	S	12.33	1.6	3.2-7.0	S	5.10	0.6	0.2-0.6	S	0.36	0.1	858