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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
Urea Nitrogen (BUN)																						
Initial Grouping by Reagent and Instrument																						
Abaxis Piccolo & Abaxis Piccolo POC analyzer	1	36-44	P	40.0	1	11-15	C	13.4	1	16-20	C	18.0	1	25-30	P	27.2	1	10-14	C	11.9	1	11
Abbott GLDH-rate & Abbott Architect c, ci, i	2	41-49	P	45.2	1	12-16	C	14.0	0	18-22	C	19.5	1	28-33	P	30.2	1	10-14	C	12.0	0	13
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	3	41-49	P	44.9	2	12-16	C	13.7	1	17-21	C	18.9	1	28-33	P	30.5	1	10-14	C	11.9	1	80
Beckman NH4 ISE urease & Beckman Synchron CX3/7/9/L	4	42-51	P	46.4	1	11-15	C	12.8	1	17-21	C	18.8	1	28-33	P	30.6	1	9-13	C	11.4	1	18
Beckman GLDH-rate & Beckman Synchron CX4/CX5	5	42-50	P	45.9	1	12-16	C	14.3	1	18-22	C	20.0	0	28-34	P	31.2	1	11-15	C	12.5	1	23
Beckman GLDH-rate & Beckman Synchron CX3/7/9/L	6	42-51	P	46.5	1	11-15	C	12.9	1	17-21	C	19.2	1	28-34	P	31.0	1	10-14	C	11.6	1	15
Beckman GLDH-rate & Beckman Unicel DXC series	7	42-50	P	45.7	1	12-16	C	14.3	1	18-22	C	19.9	1	28-34	P	31.0	1	11-15	C	12.6	1	55
Carolina & Beckman Synchron CX3/7/9/L	8	42-50	P	45.9	2	11-15	C	13.0	1	17-21	C	19.2	1	28-33	P	30.7	1	10-14	C	11.6	1	19
Clinical Dat ATAC GLDH-rate & Vital Diagnostics ATAC 8000	9	42-50	P	45.7	2	12-16	C	14.0	1	18-22	C	19.7	1	28-33	P	30.7	2	10-14	C	12.3	1	23
Clinical Data Envoy & Vital Diagnostics Envoy 500	10	42-50	P	45.8	2	13-17	C	15.2	1	19-23	C	20.6	1	29-34	P	31.4	1	12-16	C	13.5	1	12
DCL/Genzyme & Roche Cobas Mira series	11	42-50	P	45.9	3	12-16	C	13.9	1	18-22	C	19.6	1	28-34	P	30.9	2	11-15	C	12.5	1	17
Horiba ABX & Horiba ABX Pentra 400	12	41-49	P	45.0	2	12-16	C	13.9	1	17-21	C	19.4	1	28-34	P	31.2	1	10-14	C	11.9	1	13
J&J Vitros & J&J Vitros not DT or ECi	13	32-38	P	35.2	1	9-13	C	11.3	1	14-18	C	15.9	0	22-27	P	24.4	1	8-12	C	9.8	0	86
J&J Vitros & J&J Vitros 5,1 FS	14	32-38	P	35.0	1	9-13	C	11.2	0	14-18	C	15.9	0	22-26	P	24.1	0	8-12	C	10.0	0	19
Beckman Olympus & Beck Oly AU 400/600/5400	15	41-50	P	45.5	1	12-16	C	14.0	1	17-21	C	19.2	1	28-34	P	30.9	1	10-14	C	12.1	0	45
Roche Cobas & Roche Cobas Integra	16	40-48	P	44.2	2	11-15	C	13.2	1	17-21	C	18.6	1	27-32	P	29.4	1	9-13	C	11.2	1	26
SDI Biomed & SDI CA240, 480	17	41-49	P	44.8	3	12-16	C	14.2	1	18-22	C	19.9	1	28-34	P	31.1	2	10-14	C	12.4	1	13
Siemens GLDH-rate & Siemens Advia series	18	43-51	P	47.1	2	12-16	C	14.0	1	18-22	C	19.8	1	29-34	P	31.5	1	10-14	C	11.9	1	10
Siemens GLDH-rate & Siemens Dimension series	19	41-49	P	45.2	2	11-15	C	13.2	1	17-21	C	18.9	1	27-33	P	30.2	1	9-13	C	11.4	1	93
Siemens GLDH-rate & Siemens Dimension EXL	20	41-49	P	45.0	1	11-15	C	13.2	1	17-21	C	19.2	1	27-33	P	29.8	1	9-13	C	11.1	1	14
Siemens GLDH-rate & Siemens Dimension Rxl	21	42-50	P	45.7	1	12-16	C	13.6	1	17-21	C	19.1	1	28-33	P	30.5	1	10-14	C	11.7	1	19
Siemens GLDH-rate & Siemens Dimension Xpand	22	41-49	P	45.3	2	11-15	C	13.2	1	17-21	C	18.9	1	27-33	P	30.2	1	9-13	C	11.5	1	82
Initial Grouping by Reagent																						
Abaxis Piccolo	23	36-44	P	40.0	1	11-15	C	13.4	1	16-20	C	18.0	1	25-30	P	27.2	1	10-14	C	11.9	1	11
Abbott GLDH-rate	24	41-49	P	45.3	1	12-16	C	14.0	0	18-22	C	19.6	1	28-33	P	30.4	1	10-14	C	12.0	0	17
Alfa Wassermann	25	41-49	P	44.6	3	12-16	C	13.7	1	17-21	C	18.9	1	28-33	P	30.4	2	10-14	C	12.0	1	80
Beckman NH4 ISE urease	26	41-49	P	45.2	2	10-14	C	12.5	1	16-20	C	18.0	2	27-32	P	29.7	2	9-13	C	10.9	1	33
Beckman GLDH-rate	27	42-50	P	45.7	3	12-16	C	14.2	2	18-22	C	19.8	1	28-34	P	31.2	2	10-14	C	12.4	1	96
Carolina	28	42-50	P	45.9	2	11-15	C	13.4	1	18-22	C	19.5	1	28-34	P	30.9	1	10-14	C	12.0	1	31
Clinical Dat ATAC GLDH-rate	29	41-49	P	45.2	3	12-16	C	13.8	1	17-21	C	19.2	2	28-33	P	30.7	2	10-14	C	12.3	1	23
Clinical Data Envoy	30	41-50	P	45.5	2	13-17	C	15.1	1	19-23	C	20.6	1	29-34	P	31.3	1	11-15	C	13.4	1	15
DCL/Genzyme	31	42-50	P	46.2	2	12-16	C	14.3	1	18-22	C	19.7	1	28-34	P	31.2	2	11-15	C	12.6	1	32
Horiba ABX	32	41-49	P	45.0	2	12-16	C	13.9	1	17-21	C	19.4	1	28-34	P	31.2	1	10-14	C	11.9	1	13
J&J Vitros	33	32-38	P	35.1	1	9-13	C	11.2	1	14-18	C	15.9	1	22-26	P	24.2	1	9-13	C	10.6	8	117
Beckman Olympus	34	42-50	P	45.6	2	12-16	C	14.0	1	17-21	C	19.3	1	28-34	P	30.9	1	10-14	C	12.2	1	49
Pointe Sci	35	41-50	P	45.5	3	12-16	C	13.8	1	17-21	C	19.0	1	28-33	P	30.2	2	10-14	C	12.1	1	13
Roche Cobas	36	41-49	P	44.5	2	11-15	C	13.2	1	17-21	C	18.7	1	27-33	P	29.9	1	9-13	C	11.3	1	44
Roche/Hitachi	37	41-49	P	44.9	1	12-16	C	13.8	1	17-21	C	19.2	1	28-33	P	30.6	1	10-14	C	11.7	1	20
SDI Biomed	38	41-49	P	44.8	3	12-16	C	14.2	1	18-22	C	19.9	1	28-34	P	31.1	2	10-14	C	12.4	1	13
Siemens GLDH-endpt	39	42-50	P	46.2	1	12-16	C	13.8	1	18-22	C	19.5	1	28-34	P	31.2	1	10-14	C	12.1	1	12
Siemens GLDH-rate	40	41-49	P	45.3	2	11-15	C	13.3	1	17-21	C	19.0	1	28-33	P	30.3	1	9-13	C	11.4	1	219
Sterling #2290 hypochlorite	41	44-53	P	48.2	3	15-19	C	17.4	1	21-25	P	22.7	2	30-36	P	33.2	1	13-17	C	15.2	1	10
Initial Grouping by Sensitivity or Principle																						
Ammonia (NH3) diffusion	42	32-38	P	35.1	1	9-13	C	11.2	1	14-18	C	15.9	1	22-26	P	24.3	1	9-13	C	10.5	8	117
Electrochemical-all methods	43	43-52	P	47.6	8	11-15	C	12.8	2	17-21	C	18.7	3	28-34	P	31.2	5	9-13	C	11.1	1	37

		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
Glutamate DH-endpoint meths	44	40-48	P	43.9	6	12-16	C	13.5	1	17-21	C	19.2	1	28-33	P	30.6	1	10-14	C	12.0	1	21
Glutamate DH-rate methods	45	41-49	P	45.2	3	12-16	C	13.9	5	17-21	C	19.2	1	28-33	P	30.6	2	10-14	C	12.0	1	699
Hypochlorite (ClO)-based	46	44-53	P	48.2	3	15-19	C	17.4	1	21-25	P	22.7	2	30-36	P	33.2	1	13-17	C	15.2	1	10
Total Population																						
Whole Population	47	40-48	P	44.0	4	11-15	C	13.4	1	17-21	C	18.8	2	27-32	P	29.7	3	10-14	C	11.6	1	931