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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
Chloride																						
Initial Grouping by Reagent and Instrument																						
Abaxis Piccolo & Abaxis Piccolo POC analyzer	1	85-94	P	89.3	1	103-113	P	108.0	4	107-118	P	112.4	2	95-105	P	99.6	3	102-113	P	107.5	2	11
Abbott ICT & Abbott Architect c, ci, i	2	82-91	P	86.4	1	102-113	P	107.8	2	106-117	P	111.7	1	93-102	P	97.5	1	102-112	P	106.9	1	11
Alfa Wassermann und ISE & Alfa Wasser ACE/Centr/Alera	3	82-90	P	86.1	2	102-113	P	107.6	1	112-123	P	117.5	2	94-104	P	98.8	2	100-111	P	105.4	1	69
Beckman dil ISE & Beckman Synchron CX4/CX5	4	84-93	P	88.2	2	103-114	P	108.3	2	107-118	P	112.8	2	95-104	P	99.5	2	103-113	P	108.0	2	21
Beckman dil ISE & Beckman Synchron CX3/7/9/L	5	85-94	P	89.2	3	104-115	P	109.8	2	108-120	P	113.9	2	96-106	P	100.6	2	103-114	P	108.8	2	40
Beckman dil ISE & Beckman Unicel DXC series	6	82-91	P	86.4	2	102-113	P	107.8	2	106-118	P	111.9	2	93-103	P	98.3	2	102-112	P	107.1	2	65
Carolina dil ISE & Beckman Synchron CX3/7/9/L	7	85-94	P	89.1	2	105-116	P	110.4	3	108-120	P	114.1	3	96-107	P	101.4	3	104-116	P	110.0	3	20
Clin Data ATAC 8000 dil ISE & Vital Diagnostics ATAC 8000	8	84-93	P	88.9	3	101-112	P	106.8	3	108-119	P	113.5	3	94-104	P	99.0	3	99-109	P	104.1	3	24
Clinical Data Envoy & Vital Diagnostics Envoy 500	9	87-96	P	91.1	3	105-116	P	110.5	4	115-127	P	120.6	7	97-107	P	102.4	4	101-111	P	106.2	2	11
Horiba ABX ISE & Horiba ABX Pentra 400	10	81-90	P	85.8	4	101-112	P	106.5	5	114-126	P	120.2	16	95-105	P	100.2	8	100-111	P	105.4	5	13
J&J Vitros und ISE & J&J Vitros not DT or ECi	11	80-89	P	84.3	2	101-112	P	106.6	2	107-118	P	112.7	2	92-102	P	96.9	2	100-111	P	105.6	2	85
J&J Vitros und ISE & J&J Vitros 5,1 FS	12	81-89	P	84.8	1	102-112	P	107.1	1	107-119	P	113.2	1	93-102	P	97.4	2	100-111	P	105.8	2	19
Medica EasyLyte und ISE & Medica EasyLyte series	13	80-88	P	84.2	3	103-113	P	108.0	2	113-125	P	118.8	2	93-103	P	98.1	2	100-110	P	105.0	2	21
Beckman Olympus dil ISE & Beck Oly AU 400/600/5400	14	81-90	P	85.6	1	103-114	P	108.3	1	107-118	P	112.3	2	93-103	P	97.8	1	102-113	P	107.4	1	52
Roche Cobas Integra dil ISE & Roche Cobas Integra	15	81-90	P	85.4	1	103-114	P	108.6	1	108-120	P	114.2	1	93-103	P	97.9	1	101-112	P	106.7	1	25
Roche Cobas und ISE & Roche Cobas Mira series	16	82-91	P	86.8	1	103-114	P	108.9	1	110-121	P	115.7	3	94-104	P	99.4	2	101-112	P	106.5	2	12
SDI Biomed & SDI CA240, 480	17	82-91	P	86.2	2	100-110	P	104.8	1	107-118	P	112.6	3	92-102	P	97.0	2	98-108	P	103.1	3	10
Siemens dil ISE & Siemens Advia series	18	83-92	P	87.2	2	104-115	P	109.9	2	110-121	P	115.3	2	95-105	P	99.6	2	103-114	P	108.7	2	16
Siemens QuickLYTE IMT & Siemens Dimension series	19	82-90	P	86.1	2	104-115	P	109.7	1	109-121	P	114.9	1	94-103	P	98.5	1	102-113	P	107.7	1	92
Siemens QuickLYTE IMT & Siemens Dimension EXL	20	82-91	P	86.7	1	104-115	P	109.7	1	109-120	P	114.6	1	94-104	P	98.9	1	102-113	P	107.9	1	15
Siemens QuickLYTE IMT & Siemens Dimension Rxl	21	80-89	P	84.4	2	104-115	P	109.2	2	110-121	P	115.4	2	93-103	P	98.0	2	102-113	P	107.6	2	19
Siemens QuickLYTE IMT & Siemens Dimension Xpand	22	82-91	P	86.5	2	104-115	P	109.7	1	109-120	P	114.5	1	94-104	P	98.7	1	102-113	P	107.8	1	83
Initial Grouping by Reagent																						
Abaxis Piccolo	23	85-94	P	89.3	1	103-113	P	108.0	4	107-118	P	112.4	2	95-105	P	99.6	3	102-113	P	107.5	2	11
Abbott ICT	24	82-91	P	86.5	1	103-113	P	108.0	2	106-118	P	111.9	1	93-103	P	98.0	1	102-112	P	107.1	1	12
Alfa Wassermann und ISE	25	82-91	P	86.4	2	103-113	P	107.9	2	112-123	P	117.6	2	94-104	P	98.9	2	100-111	P	105.5	1	70
AVL und ISE	26	81-90	P	85.6	4	102-113	P	107.3	2	109-121	P	114.9	3	92-102	P	97.3	3	99-109	P	104.0	2	10
Beckman dil ISE	27	83-92	P	87.5	3	103-114	P	108.2	3	107-118	P	112.5	2	94-104	P	99.1	2	102-113	P	107.5	2	136
Carolina dil ISE	28	83-92	P	87.7	4	104-115	P	109.1	4	108-119	P	113.5	4	95-106	P	100.5	3	103-114	P	108.8	4	29
Clin Data ATAC 8000 dil ISE	29	84-93	P	88.9	3	101-112	P	106.8	3	108-119	P	113.5	3	94-104	P	99.0	3	99-109	P	104.1	3	24
Clinical Data Envoy	30	87-96	P	91.2	3	105-116	P	110.8	5	118-131	P	124.4	11	98-108	P	102.6	4	101-112	P	106.4	3	14
Horiba ABX ISE	31	81-90	P	85.8	4	101-112	P	106.5	5	114-126	P	119.8	15	95-105	P	100.2	8	100-111	P	105.4	5	13
J&J Vitros und ISE	32	80-89	P	84.4	2	101-111	P	106.1	8	107-118	P	112.8	2	92-102	P	97.0	2	100-111	P	105.5	2	112
Medica EasyLyte und ISE	33	80-89	P	84.5	3	103-113	P	107.9	2	112-124	P	118.3	3	93-103	P	98.2	2	100-110	P	105.0	2	25
Beckman Olympus dil ISE	34	81-90	P	85.8	2	103-114	P	108.2	2	107-118	P	112.4	2	93-103	P	97.8	1	102-113	P	107.3	1	57
Roche Cobas Integra dil ISE	35	80-88	P	84.2	4	103-114	P	108.5	1	108-120	P	114.1	2	93-103	P	97.6	2	101-112	P	106.8	1	32
Roche Cobas und ISE	36	81-90	P	85.7	3	103-114	P	108.7	1	109-121	P	115.2	3	93-103	P	98.4	3	101-111	P	106.2	1	18
Roche/Hitachi dil ISE	37	79-87	P	83.3	2	103-114	P	108.4	2	107-118	P	112.3	3	92-101	P	96.3	2	101-112	P	106.6	2	26
SDI Biomed	38	82-91	P	86.2	2	100-110	P	104.8	1	107-118	P	112.6	3	92-102	P	97.0	2	98-108	P	103.1	3	10
Siemens dil ISE	39	83-92	P	87.3	2	104-116	P	110.0	2	109-121	P	115.2	2	95-105	P	99.5	2	103-114	P	108.6	2	19
Siemens QuickLYTE IMT	40	82-90	P	86.1	2	104-115	P	109.7	1	109-121	P	114.8	2	94-103	P	98.5	1	102-113	P	107.8	1	211
Initial Grouping by Sensitivity or Principle																						

		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
Colorimetric	41	85-94	P	89.2	5	102-112	P	106.9	4	107-119	P	113.0	3	94-104	P	98.8	3	101-111	P	106.2	3	29
Diluted ISE	42	82-91	P	86.5	3	103-114	P	108.8	2	108-120	P	113.9	3	94-104	P	98.7	2	102-113	P	107.4	2	581
Undiluted ISE	43	81-90	P	85.4	3	102-113	P	107.3	6	110-121	P	115.7	6	93-103	P	98.1	3	100-111	P	105.6	2	265
Total Population																						
Whole Population	44	82-91	P	86.3	3	103-114	P	108.4	3	109-120	P	114.3	4	94-103	P	98.5	3	101-112	P	106.8	2	910