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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
Glucose																						
Initial Grouping by Reagent and Instrument																						
Abaxis Piccolo & Abaxis Piccolo POC analyzer	1	219-268	P	243.5	2	78-95	P	86.8	1	48-60	C	54.4	1	144-176	P	159.8	2	88-107	P	97.3	2	11
Abbott HK & Abbott Architect c, ci, i	2	222-271	P	246.7	3	74-91	P	82.6	1	42-54	C	48.4	1	142-174	P	157.9	3	86-105	P	95.1	2	14
Alfa Wassermann HK & Alfa Wasser ACE/Centr/Alera	3	222-272	P	247.0	7	75-92	P	83.5	2	46-58	C	52.3	2	145-177	P	161.3	4	85-104	P	94.4	2	80
Beckman HK & Beckman Synchron CX4/CX5	4	224-274	P	248.8	8	74-91	P	82.6	3	45-57	C	51.3	2	144-176	P	160.3	5	85-103	P	93.9	3	21
Beckman HK & Beckman Synchron CX3/7/9/L	5	221-270	P	245.4	10	74-91	P	82.7	3	43-55	C	48.9	2	144-176	P	159.8	5	85-104	P	94.7	3	13
Beckman O2 electrode & Beckman Synchron CX3/7/9/L	6	221-270	P	245.7	6	75-91	P	83.2	3	43-55	C	48.8	2	145-177	P	161.1	3	86-105	P	95.1	3	23
Beckman O2 electrode & Beckman Unicel DXC series	7	220-269	P	244.1	4	74-90	P	82.1	1	43-55	C	49.2	2	143-174	P	158.6	3	84-102	P	93.1	2	48
Carolina HK & Beckman Synchron CX3/7/9/L	8	225-275	P	249.8	10	75-91	P	82.9	4	44-56	C	49.9	3	146-178	P	161.8	7	84-103	P	93.5	4	16
Clinical Data ATAC HK & Vital Diagnostics ATAC 8000	9	222-271	P	246.2	8	75-91	P	83.0	4	46-58	C	52.0	3	144-176	P	160.0	7	84-103	P	93.9	4	22
Clinical Data Envoy & Vital Diagnostics Envoy 500	10	224-274	P	248.9	6	74-91	P	82.6	3	46-58	C	52.4	2	144-176	P	160.2	4	84-103	P	93.3	3	14
DCL/Genzyme HK & Roche Cobas Mira series	11	231-282	P	256.5	12	78-95	P	86.4	4	44-56	C	49.8	2	149-182	P	165.5	8	88-108	P	98.2	5	11
Horiba ABX & Horiba ABX Pentra 400	12	224-273	P	248.6	8	75-92	P	83.5	2	44-56	C	50.2	3	146-178	P	161.8	6	85-105	P	95.0	4	13
J&J Vitros GO & J&J Vitros DT series	13	221-270	P	245.2	8	71-87	P	78.7	4	44-56	C	49.9	4	141-172	P	156.2	6	79-96	P	87.3	4	18
J&J Vitros GO & J&J Vitros not DT or ECi	14	217-265	P	240.8	5	70-85	P	77.6	2	44-56	C	49.6	2	139-170	P	155.0	4	78-95	P	86.3	2	86
J&J Vitros GO & J&J Vitros 5,1 FS	15	218-266	P	241.7	5	70-85	P	77.6	2	43-55	C	49.3	2	139-170	P	154.8	3	78-95	P	86.5	2	19
Beckman Olympus HK & Beck Oly AU 400/600/5400	16	225-275	P	249.9	6	75-92	P	83.8	2	43-55	C	49.0	1	145-177	P	161.0	4	86-105	P	95.9	2	45
Roche Cobas HK & Roche Cobas Integra	17	218-266	P	242.2	7	73-90	P	81.5	2	42-54	C	47.9	1	141-172	P	156.8	4	84-103	P	93.6	3	27
SDI Biomed & SDI CA240, 480	18	240-293	P	266.4	14	79-96	P	87.5	3	51-63	C	56.5	4	154-188	P	171.2	12	90-110	P	99.9	4	13
Siemens HK & Siemens Advia series	19	232-284	P	257.9	9	77-95	P	86.0	3	46-58	C	51.6	2	149-182	P	165.7	5	88-108	P	98.2	3	15
Siemens HK & Siemens Dimension series	20	219-267	P	242.9	5	75-92	P	83.5	3	47-59	C	52.8	2	143-175	P	158.8	3	85-103	P	93.9	3	94
Siemens HK & Siemens Dimension EXL	21	218-267	P	242.4	5	75-92	P	83.6	2	47-59	C	52.6	1	142-174	P	157.8	3	85-103	P	94.0	2	16
Siemens HK & Siemens Dimension Rxl	22	220-268	P	243.9	6	75-92	P	83.5	3	47-59	C	52.7	2	142-174	P	158.1	5	85-103	P	93.9	3	19
Siemens HK & Siemens Dimension Xpand	23	219-268	P	243.5	5	75-92	P	83.2	3	46-58	C	52.5	2	142-174	P	158.3	3	84-103	P	93.5	3	85
Sterling GO & Other spectrophotometers	24	217-265	P	240.6	9	71-87	P	79.3	3	44-56	C	49.6	3	138-169	P	153.4	6	81-99	P	90.1	3	11
Initial Grouping by Reagent																						
Abaxis Piccolo	25	219-268	P	243.5	2	78-95	P	86.8	1	48-60	C	54.4	1	144-176	P	159.8	2	88-107	P	97.3	2	11
Abbott HK	26	223-273	P	247.9	4	75-92	P	83.4	2	43-55	C	48.8	1	143-175	P	158.8	3	86-105	P	95.4	2	17
Alfa Wassermann HK	27	222-271	P	246.6	8	75-92	P	83.8	5	46-58	C	52.4	2	145-177	P	161.0	5	85-104	P	94.2	3	80
Beckman GO	28	218-266	P	242.0	5	73-90	P	81.5	2	42-54	C	48.1	2	141-172	P	156.8	4	83-101	P	92.2	2	10
Beckman HK	29	223-272	P	247.5	8	74-91	P	82.8	3	44-56	C	50.4	2	144-176	P	160.2	5	85-103	P	94.1	3	46
Beckman O2 electrode	30	220-269	P	244.8	5	74-91	P	82.5	2	43-55	C	49.1	2	143-174	P	158.5	8	85-104	P	94.7	8	78
Carolina HK	31	224-274	P	249.2	8	74-91	P	82.6	3	44-56	C	50.2	3	145-177	P	161.0	5	84-103	P	93.2	4	25
Clinical Data ATAC HK	32	222-271	P	246.2	8	75-91	P	83.0	4	45-57	C	51.0	5	145-178	P	161.6	10	84-103	P	93.9	4	22
Clinical Data Envoy	33	224-274	P	248.8	5	74-90	P	82.1	3	46-58	C	52.4	1	144-176	P	160.0	4	83-102	P	92.6	3	17
DCL/Genzyme HK	34	228-278	P	253.1	10	77-94	P	85.4	4	46-58	C	51.7	3	147-180	P	163.9	7	87-106	P	96.6	5	27
Horiba ABX	35	224-273	P	248.6	8	75-92	P	83.5	2	44-56	C	50.2	3	146-178	P	161.8	6	85-105	P	95.0	4	13
J&J Vitros GO	36	217-266	P	241.6	6	70-86	P	77.7	3	44-56	C	49.6	2	140-171	P	155.2	4	78-95	P	86.5	3	126
Beckman Olympus HK	37	225-275	P	249.8	6	75-92	P	83.8	2	43-55	C	49.0	1	145-177	P	160.8	4	86-105	P	95.8	2	49
Pointe Sci HK	38	220-268	P	244.1	9	76-93	P	84.3	4	49-61	C	55.3	5	142-173	P	157.4	6	86-105	P	95.4	4	19
Pointe Sci GO	39	231-283	P	257.0	13	78-96	P	87.1	3	48-60	C	54.2	3	150-184	P	167.1	8	88-108	P	98.1	5	11
Roche Cobas HK	40	219-267	P	242.8	8	74-90	P	82.1	3	42-54	C	48.1	1	142-173	P	157.5	4	85-103	P	94.0	3	45
Roche/Hitachi HK	41	221-270	P	245.4	6	75-91	P	83.1	2	43-55	C	49.0	2	143-175	P	159.0	3	85-104	P	94.4	2	21
SDI Biomed	42	240-293	P	266.4	14	79-96	P	87.5	3	51-63	C	56.5	4	154-188	P	171.2	12	90-110	P	99.9	4	13
Siemens HK	43	220-269	P	244.3	7	75-92	P	83.6	3	46-58	C	52.5	2	143-175	P	159.0	4	85-103	P	94.0	3	230
Sterling GO	44	217-265	P	241.0	8	72-88	P	79.7	3	44-56	C	49.8	2	138-169	P	153.5	5	81-99	P	90.0	2	20

		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
Thermo Scientific Infinity	45	228-279	P	253.6	10	74-90	P	81.8	5	44-56	C	49.9	4	148-181	P	164.3	6	87-106	P	96.3	4	10
Initial Grouping by Sensitivity or Principle																						
Glucose Oxidase (GO)	46	219-268	P	243.5	9	71-87	P	79.3	4	44-56	C	50.0	3	141-172	P	156.5	6	80-97	P	88.5	5	196
HexoKinase (HK) low recov	47	221-270	P	245.7	15	75-92	P	83.7	6	45-57	C	51.3	4	144-176	P	160.2	8	85-104	P	94.5	4	525
HexoKinase (HK) high recov	48	222-271	P	246.4	9	75-92	P	83.6	4	46-58	C	52.4	4	145-177	P	160.6	6	85-104	P	94.3	3	149
Oxygen electrode	49	220-269	P	244.8	5	74-91	P	82.6	2	43-55	C	49.1	2	143-174	P	158.5	8	85-104	P	94.7	8	79
Total Population																						
Whole Population	50	221-270	P	245.8	9	74-91	P	82.6	4	45-57	C	50.9	3	143-175	P	159.2	6	84-103	P	93.3	4	985