AMERICAN ASSOCIATION OF BIOANALYSTS
205 West Levee St. Brownsville, TX 78520
(281) 436-5357 - (800) 234-5315 - Fax (713) 781-5008

PARTICIPANT STATISTICS

Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Amylase - Urine Chemistry										
Initial Grouping by Method										
Beckman AMY	1	213.5-396.6	P	305.07	10.1	92.6-172.1	P	132.36	7.9	14
Siemens Dimension	2	129.4-240.2	P	184.79	3.4	51.0-94.6	P	72.80	4.3	20
Initial Grouping by Sensitivity or Principle										
Extremely low recovery meth	3	165.2-306.7	P	235.95	92.3	73.9-137.2	P	105.57	34.9	23
High recovery methods	4	129.4-240.2	P	184.79	3.4	51.0-94.6	P	72.80	4.3	20
Total Population										
Whole Population	5	125.6-233.2	P	179.37	22.8	52.2-97.0	P	74.61	11.9	53

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Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Calcium - Urine Chemistry										
Initial Grouping by Reagent and Instrument										
Beckman ISE & Beckman Unicel DXC series	1	2.7-4.7	C	3.73	0.3	8.1-10.1	C	9.11	0.2	11
Initial Grouping by Reagent										
Beckman ISE	2	2.7-4.7	C	3.72	0.4	8.0-10.0	C	9.05	0.2	15
J&J Vitros Arsenazo	3	3.0-5.0	C	3.96	0.1	8.5-10.5	C	9.49	0.2	11
Siemens Dimension OCPC	4	3.8-5.8	C	4.83	0.3	8.2-10.2	C	9.19	0.2	21
Initial Grouping by Sensitivity or Principle										
Arsenazo-based	5	3.0-5.0	C	4.03	0.2	8.3-10.3	C	9.32	0.3	19
OCPC (o-cresolphth complex)	6	3.6-5.6	C	4.57	0.5	8.2-10.2	C	9.21	0.2	32
Other, electrochemical	7	2.7-4.7	C	3.72	0.4	8.0-10.0	C	9.05	0.2	15
Total Population										
Whole Population	8	3.2-5.2	C	4.18	0.5	8.2-10.2	C	9.18	0.4	76

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Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Chloride - Urine Chemistry										
Initial Grouping by Reagent and Instrument										
Beckman dil ISE & Beckman Unicel DXC series	1	237-262	P	249.7	8	87-96	P	91.6	1	15
Beckman Olympus dil ISE & Beck Oly AU 400/600/5400	2	256-283	P	269.5	13	97-107	P	102.2	3	10
Initial Grouping by Reagent										
Beckman dil ISE	3	237-262	P	249.4	8	88-97	P	92.4	2	23
Beckman Olympus dil ISE	4	255-282	P	268.5	13	96-106	P	101.3	4	11
Initial Grouping by Sensitivity or Principle										
Diluted ISE	5	245-270	P	257.6	14	93-102	P	97.4	8	51
Total Population										
Whole Population	6	248-274	P	261.2	14	97-107	P	101.8	11	77

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Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Creatinine - Urine Chemistry										
Initial Grouping by Reagent and Instrument										
Beckman Synchron & Beckman Unicel DXC series	1	179.7-243.1	P	211.41	8.8	67.0-90.7	P	78.85	2.1	14
Beckman Synchron IMDS trace & Beckman Unicel DXC series	2	181.1-245.0	P	213.05	9.9	67.4-91.1	P	79.24	5.4	10
J&J Vitros & J&J Vitros 5,1 FS	3	149.0-201.6	P	175.33	8.0	55.3-74.8	P	65.04	1.5	10
Beckman Olympus & Beck Oly AU 400/600/5400	4	190.1-257.2	P	223.68	12.5	70.4-95.2	P	82.79	4.7	16
Siemens Dimension & Siemens Dimension series	5	170.7-231.0	P	200.83	13.1	60.9-82.3	P	71.59	5.6	15
Siemens Dimension & Siemens Dimension Xpand	6	160.2-216.8	P	188.49	3.9	57.6-77.9	P	67.74	1.6	17
Initial Grouping by Method										
Beckman Synchron	7	177.3-239.9	P	208.62	9.0	65.5-88.6	P	77.04	3.3	26
Beckman Synchron IMDS trace	8	180.0-243.6	P	211.82	10.2	67.0-90.7	P	78.83	5.3	11
J&J Vitros	9	147.0-198.8	P	172.90	16.3	53.4-72.3	P	62.87	3.8	19
Beckman Olympus	10	191.3-258.8	P	225.01	13.2	70.9-96.0	P	83.45	5.3	17
Roche Cobas	11	173.2-234.3	P	203.75	14.5	61.5-83.2	P	72.32	4.5	12
Siemens Dimension	12	167.6-226.8	P	197.19	12.5	61.3-83.0	P	72.17	6.1	48
Initial Grouping by Sensitivity or Principle										
Chemiluminometric	13	172.4-233.2	P	202.79	20.0	62.9-85.1	P	74.02	7.3	150
Total Population										
Whole Population	14	171.4-231.9	P	201.64	18.3	62.6-84.7	P	73.69	7.4	165

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Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Glucose - Urine Chemistry										
Initial Grouping by Reagent										
Siemens Dimension HK	1	251-307	P	279.1	7	19-31	C	24.6	1	15
Initial Grouping by Sensitivity or Principle										
HexoKinase (HK) low recov	2	255-311	P	282.9	9	19-31	C	25.1	1	34
Total Population										
Whole Population	3	258-316	P	287.1	11	19-31	C	25.4	2	53

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Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Osmolality - Urine Chemistry										
Total Population										
Whole Population	1	833-1018	P	925.4	3	410-502	P	456.1	4	9

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PARTICIPANT STATISTICS

Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Phosphorous - Urine Chemistry										
Initial Grouping by Reagent										
Siemens Dimension UV/bic/SB	1	57-78	P	67.6	4	18-25	P	21.6	2	17
Initial Grouping by Sensitivity or Principle										
UV-bichromatic-sam blanked	2	56-75	P	65.5	6	18-24	P	21.1	2	22
Total Population										
Whole Population	3	55-75	P	65.2	5	18-24	P	20.7	2	50

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PARTICIPANT STATISTICS

Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Potassium - Urine Chemistry										
Initial Grouping by Reagent and Instrument										
Beckman dil ISE & Beckman Unicel DXC series	1	88-119	P	103.2	2	21-28	P	24.2	1	20
J&J Vitros und ISE & J&J Vitros 5,1 FS	2	96-130	P	112.7	2	20-26	P	23.0	1	12
Beckman Olympus dil ISE & Beck Oly AU 400/600/5400	3	93-126	P	109.3	3	21-28	P	24.6	2	11
Siemens Dimen Xpand, ExL & Siemens Dimension series	4	86-116	P	100.8	3	20-27	P	23.6	1	12
Siemens Dimen Xpand, ExL & Siemens Dimension Xpand	5	87-118	P	102.4	2	20-28	P	24.0	1	12
Initial Grouping by Reagent										
Beckman dil ISE	6	88-120	P	104.0	2	21-28	P	24.7	1	30
J&J Vitros und ISE	7	94-128	P	111.1	3	20-26	P	23.0	0	18
Beckman Olympus dil ISE	8	92-125	P	108.7	3	21-28	P	24.6	1	12
Siemens Dimen Xpand, ExL	9	86-117	P	101.6	3	20-27	P	23.9	1	32
Initial Grouping by Sensitivity or Principle										
Diluted ISE results	10	89-120	P	104.3	6	21-28	P	24.4	1	90
Undiluted ISE results	11	93-126	P	109.4	6	20-27	P	23.1	1	22
Total Population										
Whole Population	12	89-121	P	105.1	6	21-28	P	24.1	1	120

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Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Sodium - Urine Chemistry										
Initial Grouping by Reagent and Instrument										
Beckman dil ISE & Beckman Unicel DXC series	1	184-200	P	192.0	3	82-90	C	85.5	2	23
J&J Vitros und ISE & J&J Vitros 5,1 FS	2	188-203	P	195.3	5	82-90	C	85.5	4	12
Beckman Olympus dil ISE & Beck Oly AU 400/600/5400	3	193-209	P	201.4	5	81-89	C	84.5	1	11
Siemens Dimen Xpand, ExL & Siemens Dimension series	4	177-192	P	184.5	4	79-87	C	82.9	1	12
Siemens Dimen Xpand, ExL & Siemens Dimension Xpand	5	179-194	P	186.3	2	79-87	C	83.2	1	14
Initial Grouping by Reagent										
Beckman dil ISE	6	185-200	P	192.2	4	82-90	C	85.6	2	33
J&J Vitros und ISE	7	186-201	P	193.6	5	81-89	C	84.8	4	17
Beckman Olympus dil ISE	8	192-208	P	200.4	5	81-89	C	84.6	1	12
Siemens Dimen Xpand, ExL	9	179-193	P	186.0	3	79-87	C	83.1	1	34
Initial Grouping by Sensitivity or Principle										
Diluted ISE	10	184-200	P	192.1	7	81-89	C	84.6	2	95
Undiluted ISE	11	184-199	P	191.3	7	81-89	C	84.6	3	21
Total Population										
Whole Population	12	184-200	P	191.9	7	81-89	C	84.7	2	123

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PARTICIPANT STATISTICS

Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Protein, Total - Urine Chemistry										
Initial Grouping by Reagent and Instrument										
Beckman LX series & Beckman Unicel DXC series	1	71.6-119.3	P	95.44	1.9	9.8-16.4	P	13.11	0.6	10
Beckman Coulter M-TP & Beckman Unicel DXC series	2	70.9-118.1	P	94.50	4.5	9.6-16.0	P	12.81	0.6	15
J&J Vitros unc & J&J Vitros 5,1 FS	3	75.6-126.0	P	100.84	6.2	14.2-23.6	P	18.89	1.6	13
Beckman Olympus & Beck Oly AU 400/600/5400	4	63.9-106.6	P	85.25	3.5	8.4-13.9	P	11.15	0.6	16
Siemens Dimension & Siemens Dimension series	5	67.3-112.2	P	89.73	2.6	11.8-19.7	P	15.73	0.8	16
Siemens Dimension & Siemens Dimension Xpand	6	66.7-111.2	P	88.93	2.0	11.7-19.6	P	15.66	1.2	18
Initial Grouping by Reagent										
Beckman LX series	7	71.1-118.6	P	94.87	2.1	9.9-16.5	P	13.21	0.7	16
Beckman Coulter M-TP	8	71.0-118.3	P	94.62	4.0	9.8-16.3	P	13.07	0.8	20
J&J Vitros unc	9	78.6-131.0	P	104.82	8.7	14.6-24.3	P	19.42	2.5	24
Beckman Olympus	10	64.8-107.9	P	86.36	5.6	8.5-14.1	P	11.27	0.8	17
Siemens Dimension	11	66.9-111.5	P	89.17	2.2	11.9-19.8	P	15.82	0.9	47
Initial Grouping by Sensitivity or Principle										
Bichromatic-sample blanked	12	65.5-109.2	P	87.33	11.7	11.6-19.4	P	15.52	1.5	49
Pyrogallol red	13	66.3-110.5	P	88.40	14.5	8.7-14.6	P	11.65	2.5	45
Rate	14	71.1-118.5	P	94.80	4.4	9.7-16.1	P	12.87	2.0	23
Uncorrected	15	79.8-133.1	P	106.45	11.7	14.0-23.4	P	18.69	4.4	24
Roche	16	60.6-101.0	P	80.76	5.9	6.8-11.2	P	9.00	1.4	11
Total Population										
Whole Population	17	68.9-114.9	P	91.88	8.4	10.4-17.4	P	13.90	2.3	160

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Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Urea Nitrogen - Urine Chemistry										
Initial Grouping by Reagent										
J&J Vitros	1	648-776	P	712.1	26	379-454	P	416.8	11	14
Siemens Dimension GLDH-rate	2	711-852	P	781.6	33	437-524	P	480.7	34	17
Initial Grouping by Sensitivity or Principle										
Ammonia (NH3) diffusion	3	648-776	P	712.1	26	379-454	P	416.8	11	14
Glutamate DH-rate methods	4	679-813	P	745.8	63	422-505	P	463.5	32	38
Total Population										
Whole Population	5	670-803	P	736.3	45	408-488	P	448.1	36	59

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Urine Chemistry

Chemistry Q1 2010

		Specimen 1				Specimen 2				
Name	Line No.	Range & Type		Mean	SD	Range & Type		Mean	SD	No. Labs
Uric Acid - Urine Chemistry										
Initial Grouping by Reagent										
Beckman	1	7.7-10.9	P	9.32	1.0	5.6-7.9	P	6.74	0.9	11
Siemens Dimension	2	7.1-9.9	P	8.50	1.0	4.9-6.9	P	5.93	1.0	21
Initial Grouping by Sensitivity or Principle										
Endpt-corrected(bic or SB)	3	6.2-8.7	P	7.45	0.8	4.3-6.1	P	5.21	0.6	19
Rate	4	7.3-10.3	P	8.78	1.0	5.2-7.3	P	6.21	1.0	32
Total Population										
Whole Population	5	6.7-9.5	P	8.11	1.1	4.6-6.5	P	5.58	0.9	61