



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

PARTICIPANT STATISTICS

URINE MICROALBUMIN - CREATININE

Chemistry Q1 2010

Name	Line No.	Specimen 1			Specimen 2			No. Labs		
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Microalbumin, quantitative										
Initial Grouping by Reagent and Instrument										
Beckman Synchron & Beckman Unicel DXC series	1	71.0-118.3	P	94.63	5.5	94.4-157.4	P	125.93	9.4	30
J&J Vitros & J&J Vitros 5,1 FS	2	68.8-114.7	P	91.76	3.3	84.7-141.2	P	112.94	35.3	11
Beckman Olympus & Beck Oly AU 400/600/5400	3	71.7-119.6	P	95.66	1.5	95.5-159.2	P	127.35	2.9	21
Siemens DCA 2000 & Siemens DCA 2000	4	70.5-117.5	P	93.97	6.8	94.0-156.6	P	125.29	7.0	58
Siemens DCA 2000 & Siemens DCA Vantage	5	70.2-117.1	P	93.65	6.2	94.0-156.7	P	125.35	6.7	16
Siemens Dimension & Siemens Dimension series	6	74.4-124.0	P	99.18	6.2	94.9-158.1	P	126.51	12.6	18
Siemens Dimension & Siemens Dimension Xpand	7	74.7-124.5	P	99.61	7.3	100.2-167.0	P	133.61	15.7	23
Initial Grouping by Reagent										
Beckman Synchron	8	67.3-112.2	P	89.73	22.1	89.2-148.6	P	118.90	25.5	48
J&J Vitros	9	69.4-115.6	P	92.51	3.5	93.0-155.0	P	124.04	5.9	17
Beckman Olympus	10	69.1-115.2	P	92.13	19.2	88.5-147.5	P	118.01	32.7	21
Roche Tina-Quant	11	76.0-126.6	P	101.28	4.9	99.4-165.7	P	132.59	6.2	24
Siemens DCA 2000	12	69.5-115.9	P	92.68	10.5	94.5-157.6	P	126.04	8.1	74
Siemens Dimension	13	74.8-124.7	P	99.79	7.0	98.3-163.8	P	131.05	14.5	53
Initial Grouping by Sensitivity or Principle										
Bayer turbidimetric	14	69.7-116.2	P	92.96	11.5	94.0-156.7	P	125.35	9.5	79
Chemiluminometric	15	75.1-125.1	P	100.11	5.3	100.1-166.8	P	133.45	5.4	11
Turbidimetric	16	68.7-114.6	P	91.66	23.5	90.1-150.2	P	120.14	31.3	188
All other methods	17	69.4-115.6	P	92.51	3.5	88.6-147.7	P	118.13	28.3	17
Total Population										
Whole Population	18	72.1-120.2	P	96.19	7.7	95.7-159.5	P	127.58	10.7	312



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URINE MICROALBUMIN - CREATININE

Chemistry Q1 2010

Name	Line No.	Specimen 1			Specimen 2			No. Labs		
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Creatinine, quantitative										
Initial Grouping by Reagent and Instrument										
Beckman Synchron & Beckman Unicel DXC series	1	64-87	P	75.5	3	63-86	P	74.4	3	21
Beckman Olympus & Beck Oly AU 400/600/5400	2	65-88	P	76.3	4	64-87	P	75.5	4	19
Siemens DCA 2000 & Siemens DCA 2000	3	62-83	P	72.6	3	61-82	P	71.6	2	56
Siemens DCA 2000 & Siemens DCA Vantage	4	61-83	P	72.1	4	60-81	P	70.9	2	16
Siemens Dimension & Siemens Dimension series	5	58-79	P	68.7	4	58-78	P	67.9	4	15
Siemens Dimension & Siemens Dimension Xpand	6	55-75	P	65.0	1	55-74	P	64.3	1	23
Initial Grouping by Reagent										
Beckman Synchron	7	64-86	P	75.0	4	61-83	P	72.3	10	33
Carolina	8	66-89	P	77.8	18	68-92	P	80.0	32	12
J&J Vitros	9	58-78	P	68.1	3	57-77	P	66.6	2	13
Beckman Olympus	10	65-88	P	76.3	4	65-87	P	76.0	4	21
Siemens DCA 2000	11	61-82	P	71.6	12	62-83	P	72.6	15	72
Siemens Dimension	12	57-78	P	67.5	4	57-77	P	66.8	4	50
Initial Grouping by Sensitivity or Principle										
Jaffe/modified Jaffe	13	62-84	P	72.8	16	61-82	P	71.2	14	251
Total Population										
Whole Population	14	61-82	P	71.2	5	60-81	P	70.6	5	269



PARTICIPANT STATISTICS

URINE MICROALBUMIN/CREATININE

FIRST QUADRIMESTER 2010

Specimen 1											Specimen 2									
Urine Microalbumin	Negative	Positive	0 mg/L	10 mg/L	20 mg/L	30 mg/L	50 mg/L	80 mg/L	100 mg/L	150 mg/L	Negative	Positive	0 mg/L	10 mg/L	20 mg/L	30 mg/L	50 mg/L	80 mg/L	100 mg/L	150 mg/L
Roche Chemstrip Micral		1				1	7	2	13			1			3		7	1	12	
Siemens Clinitek 50						3		27	1	1								14	1	17
Siemens Clinitek 100						3		10										11		2
Siemens Clinitek Status		1				5		41		3		1						12		37
Total Population	0	2	0	0	0	12	7	80	14	4	0	2	0	0	3	0	7	38	13	56
Flagging	*****		*****	*****	*****					*****	*****		*****	*****	*****	*****				

Urine Creatinine	10 mg/dL	50 mg/dL	100 mg/dL	200 mg/dL	300 mg/dL	10 mg/dL	50 mg/dL	100 mg/dL	200 mg/dL	300 mg/dL
Siemens Clinitek 50			22	9				25	6	
Siemens Clinitek 100			8	4				7	5	
Siemens Clinitek Status		4	18	20	2		4	20	19	1
Total Population	0	4	48	33	2	0	4	52	30	1
Flagging	*****					*****				