



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

PARTICIPANT STATISTICS

BASIC CHEMISTRY

Chemistry Q1 2010

Name	Line No.	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5			No. Labs					
		Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD						
Triglycerides																						
Initial Grouping by Reagent and Instrument																						
Abbott gly-unc/GPO & Abbott Architect c, ci, i	1	93-155	P	123.9	3	87-145	P	115.9	3	142-237	P	189.6	3	99-165	P	131.9	2	69-116	P	92.4	3	14
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	2	97-162	P	129.6	4	87-144	P	115.6	4	142-237	P	189.5	6	102-170	P	135.8	4	68-114	P	90.8	3	65
Beckman GPO glycerol-unc & Beckman Synchron CX4/CX5	3	91-151	P	120.9	4	85-142	P	113.2	4	144-240	P	192.2	7	97-161	P	129.1	4	63-105	P	83.7	3	14
Beckman GPO glycerol-unc & Beckman Synchron CX3/7/9/L	4	91-152	P	121.8	4	84-140	P	112.2	4	144-240	P	192.2	6	99-165	P	131.8	8	64-107	P	85.3	4	24
Beckman GPO glycerol-unc & Beckman Unicel DXC series	5	90-151	P	120.6	4	84-140	P	112.2	3	143-238	P	190.7	5	97-162	P	129.6	4	65-108	P	86.4	2	54
Carolina & Beckman Synchron CX3/7/9/L	6	94-156	P	124.7	7	86-143	P	114.2	8	142-236	P	189.1	10	98-164	P	130.9	10	65-108	P	86.5	8	20
Clinical Data ATAC & Vital Diagnostics ATAC 8000	7	97-161	P	129.0	10	99-165	P	131.9	10	153-255	P	204.1	20	106-176	P	141.1	13	79-132	P	105.3	9	21
Clinical Data Envoy & Vital Diagnostics Envoy 500	8	96-161	P	128.5	5	98-163	P	130.5	6	154-256	P	204.8	9	108-180	P	144.0	4	78-131	P	104.5	4	10
DCL/Genzyme & Roche Cobas Mira series	9	106-176	P	140.7	7	87-145	P	116.2	5	154-257	P	205.2	9	109-181	P	144.9	6	65-109	P	87.2	5	12
Eagle & Other spectrophotometers	10	91-152	P	121.7	4	80-133	P	106.3	2	136-227	P	181.2	5	97-162	P	129.3	3	58-97	P	77.2	1	13
Horiba ABX & Horiba ABX Pentra 400	11	97-162	P	129.9	4	90-150	P	119.9	5	149-248	P	198.2	7	103-171	P	137.0	4	71-119	P	95.1	4	10
J&J Vitros & J&J Vitros not DT or ECI	12	101-168	P	134.7	7	98-163	P	130.4	6	168-281	P	224.5	10	111-185	P	148.2	7	76-127	P	101.5	5	75
J&J Vitros & J&J Vitros 5,1 FS	13	98-163	P	130.6	3	95-158	P	126.6	3	165-275	P	219.8	7	108-180	P	143.8	4	74-123	P	98.7	3	18
Beckman Olympus & Beck Oly AU 400/600/5400	14	94-157	P	125.8	4	91-152	P	121.7	4	148-246	P	196.8	6	102-170	P	136.2	4	72-120	P	96.4	3	39
Pointe Sci gly-unc/GPO & Pointe Sci 180/Steril 2000	15	86-144	P	114.9	8	68-113	P	90.7	8	131-219	P	175.2	7	87-146	P	116.4	8	48-80	P	63.8	7	18
Roche Cobas & Roche Cobas Integra	16	92-154	P	122.9	4	86-143	P	114.5	4	140-234	P	186.8	6	98-163	P	130.7	4	68-113	P	90.6	3	23
SDI Biomed & SDI CA240, 480	17	108-180	P	144.2	10	88-147	P	117.8	6	162-270	P	215.9	10	115-191	P	152.9	9	63-105	P	84.2	4	12
Siemens gly-unc/GPO & Siemens Advia series	18	94-157	P	125.5	4	91-152	P	121.6	4	147-245	P	196.1	6	102-170	P	135.9	4	73-122	P	97.5	3	16
Siemens gly-unc/GPO & Siemens Dimension Xpand	19	90-151	P	120.6	3	89-148	P	118.1	3	146-243	P	194.7	5	99-166	P	132.5	4	70-117	P	93.4	3	30
Siemens Express & Siemens Dimension series	20	91-152	P	121.6	3	89-149	P	118.9	3	146-243	P	194.6	4	100-167	P	133.2	3	70-117	P	94.0	2	82
Siemens Express & Siemens Dimension Rxl	21	91-151	P	120.7	2	88-147	P	117.9	3	145-242	P	193.6	4	100-166	P	133.0	3	70-116	P	93.2	2	11
Siemens Express & Siemens Dimension Xpand	22	91-152	P	121.3	2	89-149	P	119.1	3	146-243	P	194.5	4	100-167	P	133.4	3	71-118	P	94.2	2	46
Sterling gly-unc/vis/GPO & Other spectrophotometers	23	93-156	P	124.4	6	77-128	P	102.1	3	138-230	P	184.1	5	95-158	P	126.1	4	58-96	P	76.7	3	15
Initial Grouping by Reagent																						
Abbott gly-unc/GPO	24	93-155	P	124.3	3	87-145	P	116.1	3	143-238	P	190.1	3	100-166	P	133.0	3	69-115	P	92.3	3	17
Alfa Wassermann	25	97-162	P	129.6	4	87-144	P	115.6	4	142-237	P	189.8	6	102-170	P	135.8	4	68-114	P	90.8	3	65
Beckman GPO glycerol-unc	26	91-151	P	121.1	4	84-141	P	112.5	4	144-239	P	191.6	6	98-163	P	130.1	5	64-107	P	85.8	3	98
Beckman GPO gly-corrected	27	92-153	P	122.3	7	85-141	P	112.7	5	144-240	P	191.7	11	97-161	P	129.1	6	63-106	P	84.6	4	11
Carolina	28	91-152	P	121.3	9	82-137	P	109.8	11	139-231	P	184.7	12	96-160	P	127.7	11	63-104	P	83.4	10	33
Clinical Data ATAC	29	97-161	P	129.0	10	99-165	P	131.9	10	153-255	P	204.1	20	106-176	P	141.1	13	79-132	P	105.3	9	21
Clinical Data Envoy	30	96-161	P	128.5	6	98-163	P	130.2	6	154-257	P	205.5	9	108-179	P	143.5	5	78-131	P	104.5	4	13
DCL/Genzyme	31	103-171	P	136.9	8	88-146	P	116.8	6	152-254	P	203.1	11	107-178	P	142.1	8	66-110	P	88.1	6	27
Eagle	32	91-152	P	121.2	4	79-132	P	105.2	3	136-227	P	181.3	5	95-159	P	127.0	7	57-94	P	75.4	5	14
Horiba ABX	33	97-162	P	129.9	4	90-150	P	119.9	5	149-248	P	198.2	7	103-171	P	137.0	4	71-119	P	95.1	4	10
J&J Vitros	34	100-166	P	132.7	10	96-160	P	128.4	10	166-276	P	221.2	23	110-183	P	146.4	8	75-125	P	100.0	9	101
Beckman Olympus	35	94-157	P	125.4	5	91-152	P	121.4	5	147-245	P	196.2	7	102-170	P	135.8	5	72-120	P	96.2	4	43
Pointe Sci gly-unc/GPO	36	86-144	P	115.2	7	73-121	P	97.0	9	135-225	P	180.3	10	90-150	P	120.0	8	53-88	P	70.3	8	42
Roche Cobas	37	93-156	P	124.6	5	87-146	P	116.4	6	142-237	P	189.2	8	99-166	P	132.6	6	69-115	P	92.3	4	38
Roche/Hitachi	38	94-156	P	124.9	4	90-151	P	120.5	6	145-241	P	193.0	3	101-168	P	134.8	4	72-120	P	95.9	3	14
SDI Biomed	39	108-180	P	144.2	10	88-147	P	117.8	6	162-270	P	215.9	10	115-191	P	152.9	9	63-105	P	84.2	4	12
Siemens gly-unc/GPO	40	92-153	P	122.2	4	89-149	P	119.2	4	146-244	P	195.0	5	100-167	P	133.5	4	71-118	P	94.6	4	67
Siemens Express	41	91-151	P	121.2	4	89-148	P	118.6	4	146-243	P	194.1	6	100-166	P	132.8	5	70-117	P	93.9	3	146
Sterling gly-unc/vis/GPO	42	92-153	P	122.8	5	76-126	P	101.2	4	136-227	P	181.5	8	94-157	P	125.6	7	57-95	P	75.8	3	25
Thermo Scientific Infinity	43	92-153	P	122.7	8	74-123	P	98.6	9	141-235	P	187.6	12	95-158	P	126.4	7	56-92	P	74.0	3	11

Name	Line No.	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				No. Labs
		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		
Initial Grouping by Sensitivity or Principle																						
Gly-corr/visible/GPO-based	44	94-157	P	125.8	6	88-147	P	117.4	7	147-244	P	195.5	9	102-170	P	136.3	14	68-114	P	91.0	7	26
Gly-unc/visible/GPO-based	45	94-157	P	125.5	10	88-146	P	116.7	12	148-246	P	196.8	19	101-168	P	134.7	11	68-113	P	90.1	11	597
Gly-unc/visible/INT-based	46	97-161	P	129.0	6	86-144	P	115.0	8	142-237	P	189.5	9	101-169	P	135.2	7	67-112	P	89.4	8	85
Gly-unc/340nm/GDH-based	47	91-151	P	121.1	4	89-148	P	118.4	4	145-242	P	194.0	6	99-166	P	132.6	6	70-117	P	93.7	3	146
Total Population																						
Whole Population	48	94-156	P	125.1	8	88-146	P	116.8	10	147-245	P	195.7	15	101-168	P	134.3	9	68-113	P	90.7	10	898