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

		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
Cholesterol, Total																						
Initial Grouping by Reagent and Instrument																						
Abbott & Abbott Architect c, ci, i	1	179-219	P	199.1	1	126-154	P	139.9	1	218-266	P	241.8	3	168-206	P	186.9	2	96-117	P	106.5	1	14
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	2	177-216	P	196.2	7	125-153	P	139.4	5	214-261	P	237.5	9	166-203	P	184.4	6	96-117	P	106.7	4	64
Beckman & Beckman Synchron CX4/CX5	3	178-217	P	197.7	6	131-160	P	145.3	5	221-270	P	245.6	7	170-208	P	188.9	5	101-124	P	112.5	3	19
Beckman & Beckman Synchron CX3/7/9/L	4	178-218	P	198.2	7	131-160	P	145.4	4	222-271	P	246.3	7	168-205	P	186.7	4	101-123	P	111.8	4	27
Beckman & Beckman Unicel DXC series	5	177-216	P	196.6	5	131-160	P	145.3	4	220-269	P	244.6	5	169-206	P	187.5	5	101-124	P	112.3	2	63
Carolina & Beckman Synchron CX3/7/9/L	6	173-211	P	191.7	8	119-146	P	132.5	5	213-260	P	236.2	9	159-195	P	177.1	9	88-107	P	97.4	4	19
Cholestech L-D-X & Cholestech LDX	7	183-223	P	203.1	6	129-157	P	142.9	8	236-288	P	261.7	9	172-211	P	191.4	6	94-114	P	103.9	6	10
Clinical Data & Vital Diagnostics ATAC 8000	8	175-214	P	194.7	8	128-157	P	142.7	9	215-263	P	239.0	14	166-203	P	184.3	13	101-123	P	112.0	6	21
Clinical Data Envoy & Vital Diagnostics Envoy 500	9	172-210	P	190.7	7	128-156	P	142.0	6	217-266	P	241.6	8	164-201	P	182.5	6	98-120	P	109.3	4	11
DCL/Genzyme & Roche Cobas Mira series	10	178-217	P	197.5	8	126-155	P	140.5	4	217-265	P	240.9	11	168-206	P	186.8	4	95-116	P	105.6	3	12
Eagle Diag & Other spectrophotometers	11	166-203	P	184.5	5	122-149	P	135.8	4	208-254	P	230.9	7	163-199	P	180.8	4	93-114	P	103.2	4	12
Horiba ABX & Horiba ABX Pentra 400	12	179-218	P	198.5	8	127-156	P	141.6	7	218-266	P	241.8	10	169-207	P	188.1	9	97-119	P	107.8	4	10
J&J Vitros & J&J Vitros not DT or ECi	13	178-218	P	198.2	5	129-158	P	143.4	5	227-277	P	251.7	7	170-207	P	188.6	5	99-121	P	110.2	4	75
J&J Vitros & J&J Vitros 5,1 FS	14	176-215	P	195.7	7	127-156	P	141.4	4	229-280	P	254.3	8	169-207	P	187.8	5	96-118	P	107.0	4	18
Beckman Olympus & Beck Oly AU 400/600/5400	15	173-212	P	192.3	4	122-149	P	135.0	3	210-257	P	233.3	6	162-198	P	180.3	4	91-112	P	101.6	2	42
Pointe Sci & Pointe Sci 180/Sterl 2000	16	178-217	P	197.6	8	129-157	P	143.1	4	218-267	P	242.8	9	170-208	P	188.8	8	98-120	P	108.6	6	20
Roche Cobas & Roche Cobas Integra	17	179-218	P	198.6	4	127-155	P	141.3	3	218-266	P	242.0	5	168-206	P	187.1	3	96-118	P	107.1	2	23
SDI Biomed & SDI CA240, 480	18	192-234	P	212.9	11	136-166	P	151.2	5	235-287	P	260.9	8	182-223	P	202.7	6	104-128	P	115.9	3	12
Siemens - all other spectro & Siemens Advia series	19	184-225	P	204.7	5	131-160	P	145.5	4	224-274	P	249.3	8	173-211	P	192.1	7	100-123	P	111.5	4	16
Siemens - all other spectro & Siemens Dimension series	20	176-215	P	195.4	6	122-149	P	135.9	5	214-262	P	238.0	7	165-202	P	183.2	6	91-111	P	101.1	4	90
Siemens - all other spectro & Siemens Dimension EXL	21	177-216	P	196.5	4	123-150	P	136.7	3	215-262	P	238.6	4	165-201	P	182.9	2	92-112	P	102.1	2	15
Siemens - all other spectro & Siemens Dimension Rxl	22	178-217	P	197.7	5	123-150	P	136.4	3	216-264	P	240.3	6	166-203	P	184.2	4	92-112	P	101.7	3	19
Siemens - all other spectro & Siemens Dimension Xpand	23	176-215	P	195.2	5	122-149	P	135.5	4	213-261	P	237.1	7	164-201	P	182.6	5	91-111	P	101.3	3	76
Sterling #2145 & Other spectrophotometers	24	166-202	P	183.9	6	120-146	P	132.9	4	203-248	P	225.2	5	157-192	P	174.2	4	93-113	P	102.8	3	17
Sterling #2145 & Pointe Sci 180/Sterl 2000	25	161-196	P	178.5	5	113-138	P	125.9	3	195-239	P	217.2	4	152-185	P	168.5	4	86-105	P	95.8	2	10
Thermo Scientific Infinity & Roche Cobas Mira series	26	191-233	P	211.7	10	133-163	P	148.0	5	229-280	P	254.6	12	179-219	P	198.7	10	105-128	P	116.8	7	10
Initial Grouping by Reagent																						
Abbott	27	179-219	P	198.9	1	126-154	P	140.2	1	218-267	P	242.3	3	168-206	P	186.9	2	96-117	P	106.6	1	17
Alfa Wassermann	28	175-214	P	194.4	13	126-154	P	140.1	8	214-261	P	237.5	9	165-202	P	183.8	8	97-119	P	108.0	11	64
Beckman	29	178-218	P	197.9	8	131-161	P	146.0	6	220-269	P	244.6	15	170-208	P	188.8	11	101-124	P	112.5	5	117
Carolina	30	174-212	P	192.8	6	121-148	P	134.3	5	214-261	P	237.4	8	162-198	P	179.8	8	90-111	P	100.5	6	33
Cholestech L-D-X	31	183-223	P	202.9	5	128-157	P	142.5	8	235-287	P	260.6	10	172-210	P	190.8	6	93-114	P	103.7	6	11
Clinical Data	32	175-214	P	194.7	8	128-157	P	142.7	9	215-263	P	239.0	14	166-203	P	184.3	13	99-122	P	110.5	9	21
Clinical Data Envoy	33	171-209	P	190.4	7	127-156	P	141.7	5	217-265	P	241.1	7	164-201	P	182.3	5	98-120	P	109.1	4	12
DCL/Genzyme	34	179-219	P	198.8	7	127-155	P	141.4	4	218-266	P	242.2	10	169-206	P	187.5	6	96-118	P	107.1	4	29
Eagle Diag	35	166-203	P	184.5	5	122-149	P	135.8	4	208-254	P	230.9	7	163-199	P	180.8	4	93-114	P	103.2	4	12
Horiba ABX	36	179-218	P	198.5	8	127-156	P	141.6	7	218-266	P	241.8	10	169-207	P	188.1	9	97-119	P	107.8	4	10
J&J Vitros	37	178-218	P	197.9	7	129-157	P	142.8	5	225-275	P	250.2	22	171-208	P	189.5	11	98-120	P	109.1	6	101
Beckman Olympus	38	173-212	P	192.4	4	121-148	P	134.3	6	210-256	P	233.1	6	162-198	P	180.1	4	91-112	P	101.5	3	46
Pointe Sci	39	177-216	P	196.4	9	127-156	P	141.5	6	218-267	P	242.7	9	169-206	P	187.7	9	97-118	P	107.6	6	44
Roche Cobas	40	180-220	P	199.6	5	129-157	P	143.1	5	219-267	P	242.9	7	170-207	P	188.4	6	98-119	P	108.6	3	42
Roche/Hitachi	41	177-216	P	196.2	4	127-155	P	140.9	4	216-264	P	240.1	6	167-204	P	185.3	5	97-118	P	107.7	3	19
SDI Biomed	42	192-234	P	212.9	11	136-166	P	151.2	5	235-287	P	260.9	8	182-223	P	202.7	6	104-128	P	115.9	3	12
Siemens - all other spectro	43	176-216	P	196.0	8	123-150	P	136.4	6	214-262	P	238.2	17	166-202	P	183.9	6	92-112	P	101.8	6	217

		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
Sterling #2145	44	164-200	P	182.0	6	117-143	P	130.3	5	200-245	P	222.3	6	155-189	P	172.1	5	90-110	P	100.2	4	28
Thermo Scientific Infinity	45	190-233	P	211.6	9	133-162	P	147.5	5	227-277	P	251.8	7	176-215	P	195.8	6	103-126	P	114.6	7	14
Initial Grouping by Sensitivity or Principle																						
All enzymatic cholesterol	46	177-216	P	196.2	12	126-154	P	140.3	8	217-265	P	241.1	17	167-204	P	185.7	10	96-118	P	107.0	9	886
Total Population																						
Whole Population	47	177-216	P	196.5	9	126-154	P	140.4	8	218-266	P	242.2	11	167-204	P	185.6	8	96-117	P	106.7	6	915