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

PARTICIPANT STATISTICS

COMPREHENSIVE 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
Lipase																						
Initial Grouping by Reagent and Instrument																						
Beckman LIP & Beckman Unicel DXC series	1	19-36	P	27.8	2	31-58	P	44.5	3	77-143	P	109.7	12	36-68	P	52.0	3	9-17	P	12.9	1	32
Carolina & Beckman Synchron CX3/7/9/L	2	22-41	P	31.2	3	35-66	P	50.6	5	92-170	P	130.9	20	41-76	P	58.2	6	8-15	P	11.9	2	13
J&J Vitros & J&J Vitros not DT or ECi	3	247-458	P	352.3	13	472-877	P	674.3	21	1602-2974	P	2287.9	153	550-1022	P	785.8	27	23-43	P	32.9	2	35
J&J Vitros & J&J Vitros 5,1 FS	4	234-435	P	334.4	14	458-851	P	654.4	20	1552-2883	P	2217.8	161	533-990	P	761.4	22	22-41	P	31.3	2	16
Beckman Olympus & Beck Oly AU 400/600/5400	5	16-30	P	22.7	2	30-55	P	42.3	4	102-190	P	146.2	8	35-66	P	50.4	5	3-6	P	4.8	2	21
Roche Cobas Integra & Roche Cobas Integra	6	18-34	P	26.4	2	28-53	P	40.4	3	90-166	P	128.0	8	34-63	P	48.7	3	6-11	P	8.6	1	14
Siemens LIPL, liquid & Siemens Dimension series	7	148-275	P	211.8	19	190-354	P	271.9	25	473-879	P	676.2	89	211-393	P	302.1	48	74-137	P	105.2	16	31
Siemens LIPL, liquid & Siemens Dimension Xpand	8	144-267	P	205.4	16	174-322	P	248.0	41	461-856	P	658.8	78	206-382	P	294.2	47	74-137	P	105.2	13	24
Siemens LIPL, tableted & Siemens Dimension Xpand	9	77-143	P	109.8	8	112-208	P	159.7	9	354-658	P	506.2	19	137-254	P	195.6	10	28-51	P	39.5	5	11
Initial Grouping by Reagent																						
Beckman LIP	10	20-36	P	28.0	3	31-58	P	44.5	4	78-146	P	112.1	16	36-66	P	50.8	8	9-17	P	13.4	7	39
Beckman LIPA	11	19-36	P	27.7	4	31-58	P	44.6	5	82-152	P	116.7	14	36-67	P	51.4	4	8-14	P	11.1	4	19
Carolina	12	22-42	P	32.1	4	36-66	P	51.0	6	85-158	P	121.3	18	41-76	P	58.6	7	9-16	P	12.2	2	20
J&J Vitros	13	243-451	P	346.6	15	468-868	P	667.9	22	1588-2949	P	2268.5	152	535-993	P	764.2	104	23-42	P	32.4	2	55
Beckman Olympus	14	18-33	P	25.6	13	30-55	P	42.4	4	101-188	P	144.3	12	36-68	P	52.0	8	6-12	P	9.2	15	22
Roche Cobas Integra	15	18-34	P	26.3	2	28-52	P	40.1	3	88-164	P	125.8	8	34-63	P	48.3	3	6-11	P	8.6	1	19
Roche/Hitachi	16	18-33	P	25.5	2	26-48	P	37.0	2	81-150	P	115.2	7	32-60	P	45.9	4	6-11	P	8.7	1	12
Siemens LIPL, liquid	17	138-256	P	197.1	35	175-325	P	249.7	45	463-861	P	662.0	86	206-382	P	294.2	50	67-125	P	96.3	26	69
Siemens Dimension	18	136-253	P	194.5	43	180-334	P	257.0	50	462-858	P	660.2	94	203-378	P	290.6	60	67-125	P	96.3	30	13
Siemens LIPL, tableted	19	78-144	P	110.8	6	113-209	P	161.0	7	353-656	P	504.5	16	137-255	P	196.1	7	28-52	P	40.0	4	25
Initial Grouping by Sensitivity or Principle																						
Very low recovery methods	20	27-50	P	38.4	37	41-76	P	58.8	44	118-219	P	168.3	118	48-89	P	68.8	53	11-20	P	15.2	17	26
Colorimetric	21	19-35	P	27.2	3	30-56	P	42.7	5	82-153	P	117.4	15	35-65	P	49.9	7	8-14	P	11.1	6	94
Enzymatic/colorimetric	22	144-267	P	205.5	110	234-434	P	334.1	229	733-1361	P	1047.2	814	271-504	P	387.7	265	40-75	P	57.7	39	187
All other methods	23	22-42	P	32.1	4	36-66	P	51.0	6	88-164	P	126.2	19	41-76	P	58.6	7	8-15	P	11.6	3	20
Total Population																						
Whole Population	24	82-153	P	117.7	18	154-287	P	220.4	51	442-821	P	631.6	101	184-341	P	262.2	56	25-46	P	35.4	5	339