AMERICAN ASSOCIATION OF BIOANALYSTS
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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
Amylase																						
Initial Grouping by Reagent and Instrument																						
Abbott Aeroset/Architect & Abbott Architect c, ci, i	1	402-747	P	574.5	15	78-144	P	110.8	3	123-228	P	175.7	5	248-461	P	354.4	9	61-113	P	86.7	3	13
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	2	409-760	P	584.3	29	74-138	P	106.4	9	125-231	P	177.9	12	252-468	P	359.7	21	58-107	P	82.2	6	17
Beckman AMY & Beckman Synchron CX4/CX5	3	168-312	P	239.6	7	51-94	P	72.4	3	82-152	P	116.6	5	115-213	P	163.9	5	40-75	P	57.3	3	15
Beckman AMY & Beckman Synchron CX3/7/9/L	4	169-314	P	241.4	7	52-96	P	73.9	4	82-153	P	117.6	4	115-214	P	164.6	6	41-76	P	58.4	4	18
Beckman AMY & Beckman Unicel DXC series	5	174-322	P	247.9	8	52-97	P	74.9	5	85-157	P	120.7	5	118-220	P	169.2	5	42-78	P	59.9	4	58
Carolina & Beckman Synchron CX3/7/9/L	6	625-1160	P	892.6	46	127-236	P	181.2	10	201-374	P	287.6	9	388-720	P	553.7	27	104-194	P	149.1	8	15
J&J Vitros & J&J Vitros not DT or ECi	7	141-261	P	200.8	8	27-50	P	38.7	3	46-85	P	65.1	5	87-161	P	123.8	6	22-41	P	31.2	2	59
J&J Vitros & J&J Vitros 5,1 FS	8	141-262	P	201.8	8	25-47	P	35.9	3	47-87	P	66.6	6	86-160	P	122.9	7	21-39	P	30.0	0	16
Beckman Olympus & Beck Oly AU 400/600/5400	9	323-600	P	461.2	22	58-108	P	83.0	5	92-171	P	131.8	8	197-366	P	281.8	13	46-85	P	65.4	4	35
Roche Cobas alpha-amylase & Roche Cobas Integra	10	335-622	P	478.7	7	64-119	P	91.8	2	104-193	P	148.2	3	208-386	P	296.6	5	50-93	P	71.8	1	19
Siemens & Siemens Advia series	11	337-626	P	481.9	19	64-118	P	90.8	4	103-192	P	147.5	6	208-387	P	297.7	12	50-93	P	71.2	3	12
Siemens Dimension & Siemens Dimension series	12	447-831	P	639.2	18	78-145	P	111.2	3	124-231	P	177.5	4	269-500	P	384.3	9	62-115	P	88.4	3	71
Siemens Dimension & Siemens Dimension EXL	13	442-821	P	631.3	10	76-141	P	108.7	2	122-228	P	175.0	3	266-494	P	379.6	6	61-113	P	86.7	3	15
Siemens Dimension & Siemens Dimension Rxl	14	444-825	P	634.4	18	78-144	P	110.9	3	123-229	P	175.9	4	266-494	P	380.3	10	61-113	P	86.9	3	16
Siemens Dimension & Siemens Dimension Xpand	15	449-834	P	641.4	18	78-145	P	111.8	3	125-231	P	178.0	4	270-502	P	385.9	9	62-115	P	88.5	3	66
Initial Grouping by Reagent																						
Abbott Aeroset/Architect	16	403-748	P	575.5	15	78-144	P	110.9	3	123-229	P	175.8	5	248-461	P	354.4	9	61-113	P	86.9	3	14
Alfa Wassermann	17	409-760	P	584.3	29	74-138	P	106.4	9	125-231	P	177.9	12	252-468	P	359.7	21	58-107	P	82.2	6	17
Beckman AMY	18	172-319	P	245.7	8	53-99	P	76.4	20	83-155	P	119.0	7	116-216	P	165.9	12	43-80	P	61.8	17	97
Carolina	19	623-1156	P	889.4	41	126-235	P	180.5	9	203-376	P	289.4	11	386-717	P	551.9	25	103-191	P	147.2	9	21
DCL/Genzyme	20	359-666	P	512.4	48	64-118	P	91.1	10	108-200	P	154.2	20	219-407	P	313.4	33	50-92	P	70.8	10	13
J&J Vitros	21	141-261	P	200.9	8	27-50	P	38.2	3	46-85	P	65.5	5	87-161	P	123.6	6	23-42	P	32.2	12	81
Beckman Olympus	22	324-601	P	462.3	26	59-109	P	83.8	5	93-172	P	132.7	8	198-367	P	282.5	16	46-86	P	66.4	5	40
Roche Cobas alpha-amylase	23	336-623	P	479.4	8	65-120	P	92.3	2	104-194	P	149.0	3	208-387	P	297.5	5	50-94	P	72.0	1	30
Roche/Hitachi alpha-amylase	24	331-616	P	473.6	17	63-117	P	89.6	3	103-191	P	146.8	5	205-380	P	292.6	10	49-91	P	70.2	2	16
Siemens	25	337-626	P	481.9	19	64-118	P	90.8	4	103-192	P	147.5	6	208-387	P	297.7	12	50-93	P	71.2	3	13
Siemens Dimension	26	446-829	P	637.6	37	78-144	P	111.1	5	124-230	P	177.2	7	268-498	P	382.8	20	62-115	P	88.1	4	168
Initial Grouping by Sensitivity or Principle																						
Extremely low recovery meth	27	159-294	P	226.4	27	41-77	P	59.1	24	66-123	P	94.7	27	103-192	P	147.4	25	34-63	P	48.4	21	180
Low moderate recovery meth	28	330-613	P	471.3	35	60-112	P	86.0	7	96-178	P	137.3	11	202-375	P	288.7	22	48-88	P	68.0	6	55
Moderate recovery methods	29	354-658	P	506.0	47	66-122	P	93.6	10	107-199	P	153.0	15	217-404	P	310.7	31	51-94	P	72.3	9	48
High moderate recovery meth	30	455-846	P	650.6	85	82-153	P	117.4	22	131-243	P	187.3	34	276-513	P	394.3	55	65-121	P	92.9	18	230
All other methods	31	341-633	P	486.6	41	64-119	P	91.9	13	106-197	P	151.4	14	211-391	P	301.1	21	51-95	P	73.1	6	31
Total Population																						
Whole Population	32	373-693	P	532.8	77	67-125	P	95.8	16	108-200	P	153.8	25	236-438	P	337.3	46	53-98	P	75.7	13	571