



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

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						
<b>Triiodothyronine, Total (TT3)</b>																						
<b>Initial Grouping by Reagent and Instrument</b>																						
Abbott MEIA & Abbott AxSYM	1	0.62-1.18	S	0.898	0.09	0.78-1.32	S	1.048	0.09	1.97-2.70	S	2.338	0.12	0.91-1.56	S	1.236	0.11	0.25-0.84	S	0.542	0.10	12
Beckman Access & Beckman Access luminometer	2	0.86-1.61	S	1.234	0.12	1.02-1.69	S	1.354	0.11	1.97-3.93	S	2.952	0.33	1.18-1.96	S	1.572	0.13	0.50-0.99	S	0.745	0.08	28
bioMerieux Vidas & bioMerieux mini Vidas/Vidas	3	1.01-1.53	S	1.269	0.09	1.04-1.81	S	1.425	0.13	2.33-3.24	S	2.786	0.15	1.36-1.95	S	1.656	0.10	0.45-1.08	S	0.766	0.10	13
DiaSorin GammaCoat & All gamma counters	4	1.10-1.86	S	1.479	0.13	1.02-1.65	S	1.335	0.10	2.88-5.80	S	4.340	0.49	1.41-2.22	S	1.817	0.13	0.41-0.76	S	0.585	0.06	27
Roche Elecsys & Roche Elecsys series	5	0.97-1.45	S	1.207	0.08	1.05-1.62	S	1.332	0.09	1.79-3.20	S	2.496	0.24	1.22-1.77	S	1.493	0.09	0.58-1.01	S	0.799	0.07	16
Siemens Coat-A-Count & All gamma counters	6	0.92-1.50	S	1.211	0.10	0.86-1.19	S	1.025	0.06	2.29-3.43	S	2.859	0.19	1.23-1.66	S	1.445	0.07	0.31-0.62	S	0.462	0.05	11
Siemens Advia & Siemens Centaur/Centaur CP	7	0.69-1.39	S	1.043	0.12	0.92-1.46	S	1.188	0.09	1.81-2.95	S	2.381	0.19	1.00-1.73	S	1.363	0.12	0.35-0.83	S	0.586	0.08	11
Siemens Immulite & Siemens Immulite 2000	8	0.54-1.00	S	0.770	0.08	0.73-1.16	S	0.947	0.07	1.54-2.28	S	1.913	0.12	0.80-1.30	S	1.050	0.08	0.35-0.54	S	0.441	0.03	23
<b>Initial Grouping by Reagent</b>																						
Abbott MEIA	9	0.63-1.21	S	0.917	0.10	0.80-1.31	S	1.058	0.08	2.00-2.69	S	2.345	0.12	0.94-1.54	S	1.240	0.10	0.26-0.85	S	0.559	0.10	15
Beckman Access	10	0.84-1.69	S	1.264	0.14	1.02-1.73	S	1.374	0.12	1.93-4.10	S	3.015	0.36	0.00-9.85	S	2.053	2.60	0.49-1.03	S	0.761	0.09	33
bioMerieux Vidas	11	1.01-1.53	S	1.269	0.09	1.04-1.81	S	1.425	0.13	2.33-3.24	S	2.786	0.15	1.36-1.95	S	1.656	0.10	0.45-1.08	S	0.766	0.10	13
DiaSorin GammaCoat	12	0.86-2.05	S	1.452	0.20	1.00-1.71	S	1.357	0.12	2.96-5.72	S	4.338	0.46	1.21-2.47	S	1.840	0.21	0.00-3.35	S	0.751	0.87	36
Roche Elecsys	13	0.88-1.52	S	1.198	0.11	1.08-1.63	S	1.353	0.09	1.73-3.34	S	2.537	0.27	1.23-1.80	S	1.516	0.09	0.61-1.00	S	0.806	0.07	22
Siemens Coat-A-Count	14	0.92-1.50	S	1.211	0.10	0.86-1.19	S	1.025	0.06	2.29-3.43	S	2.859	0.19	1.23-1.66	S	1.445	0.07	0.31-0.62	S	0.462	0.05	11
Siemens Advia	15	0.67-1.43	S	1.053	0.13	0.81-1.67	S	1.238	0.14	1.75-3.07	S	2.411	0.22	1.00-1.75	S	1.379	0.13	0.34-0.84	S	0.591	0.08	15
Siemens Immulite	16	0.53-1.00	S	0.768	0.08	0.71-1.23	S	0.969	0.09	1.58-2.28	S	1.927	0.12	0.80-1.34	S	1.071	0.09	0.32-0.56	S	0.442	0.04	33
Tosoh AIA	17	3.54-5.52	S	4.530	0.33	3.60-5.93	S	4.768	0.39	4.95-12.85	S	8.903	1.32	4.18-6.54	S	5.358	0.39	2.40-3.93	S	3.169	0.26	12
<b>Initial Grouping by Sensitivity or Principle</b>																						
Low moderate recovery meths	18	0.36-1.70	S	1.033	0.22	0.58-1.72	S	1.150	0.19	1.06-3.95	S	2.502	0.48	0.00-5.77	S	1.499	1.42	0.12-1.06	S	0.592	0.16	122
Moderate recovery methods	19	0.58-2.15	S	1.364	0.26	0.73-1.96	S	1.348	0.21	0.87-6.68	S	3.776	0.97	0.84-2.65	S	1.743	0.30	0.00-2.88	S	0.737	0.72	53
High moderate recovery meth	20	0.56-1.96	S	1.258	0.23	0.88-1.91	S	1.394	0.17	0.18-5.38	S	2.778	0.87	0.88-2.28	S	1.579	0.23	0.53-1.06	S	0.793	0.09	24
High recovery methods	21	3.54-5.52	S	4.530	0.33	3.60-5.93	S	4.768	0.39	4.95-12.85	S	8.903	1.32	4.18-6.54	S	5.358	0.39	2.40-3.93	S	3.169	0.26	12
<b>Total Population</b>																						
Whole Population	22	0.71-1.84	S	1.275	0.19	0.77-1.81	S	1.291	0.17	1.10-4.79	S	2.943	0.62	0.93-2.26	S	1.595	0.22	0.42-1.03	S	0.724	0.10	229