



AMERICAN ASSOCIATION OF BIOANALYSTS
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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		
Human Chorionic Gonadotropin (hCG)																						
Initial Grouping by Reagent and Instrument																						
Abbott Total b-hCG & Abbott AxSYM	1	3014-4883	S	3948.4	312	227-334	S	280.2	18	693-1604	S	1148.4	152	1690-2791	S	2240.3	183	2-2	S	2.0	0	17
Beckman Access & Beckman Access luminometer	2	2281-3866	S	3073.3	264	181-242	S	211.6	10	688-929	S	808.3	40	1293-2204	S	1748.9	152	1-4	S	2.7	1	58
bioMerieux Vidas & bioMerieux mini Vidas/Vidas	3	2469-4865	S	3667.1	399	205-347	S	275.8	24	805-1375	S	1089.8	95	994-2903	S	1948.2	318	2-2	S	2.0	0	24
J&J Vitros ECI & J&J Vitros ECI	4	3023-3790	S	3406.2	128	207-305	S	255.8	16	801-1052	S	926.4	42	1675-2201	S	1938.2	88	0-2	S	1.1	0	17
Roche Elecsys & Roche Elecsys series	5	2064-3823	S	2943.7	293	166-293	S	229.4	21	647-1142	S	894.4	83	1218-2199	S	1708.1	163	0-4	S	1.8	1	14
Siemens Advia & Siemens Centaur/Centaur CP	6	2002-3720	S	2860.7	286	206-299	S	252.4	15	725-1089	S	907.1	61	1144-2108	S	1625.7	161	1-7	S	3.6	1	16
Siemens Dimension & Siemens Dimension series	7	2090-3874	S	2981.8	297	209-259	S	233.8	8	731-935	S	833.1	34	900-2544	S	1722.1	274	1-1	S	1.0	0	22
Siemens Dimension & Siemens Dimension Xpand	8	2434-3773	S	3103.5	223	212-258	S	234.6	8	685-968	S	826.6	47	1331-2261	S	1795.9	155	1-1	S	1.0	0	21
Siemens Immulite & Siemens Immulite/Immulin 1000	9	2071-5072	S	3571.6	500	224-349	S	286.6	21	798-1325	S	1061.5	88	1384-2724	S	2054.2	223	2-2	S	2.0	0	59
Siemens Immulite 2000 & Siemens Immulite 2000	10	2464-4991	S	3727.4	421	249-392	S	320.6	24	990-1360	S	1174.7	62	1536-2896	S	2216.2	227	0-6	S	2.5	1	19
Tosoh Total b-hCG & Tosoh Medics ST AIA	11	2279-4874	S	3576.5	433	180-330	S	254.7	25	803-1312	S	1057.6	85	1566-2372	S	1969.1	134	2-2	S	2.0	0	18
Initial Grouping by Reagent																						
Abbott Total b-hCG	12	3014-4883	S	3948.4	312	227-334	S	280.2	18	693-1604	S	1148.4	152	1690-2791	S	2240.3	183	2-2	S	2.0	0	17
Beckman Access	13	2185-3914	S	3049.6	288	177-246	S	211.3	12	652-952	S	802.3	50	1296-2220	S	1757.8	154	0-7	S	2.9	1	66
bioMerieux Vidas	14	0-9342	S	3606.1	1912	66-515	S	290.3	75	0-2562	S	1181.8	460	0-4743	S	2115.3	876	0-4	S	1.5	1	24
J&J Vitros ECI	15	3019-3771	S	3394.9	125	210-302	S	255.9	15	809-1058	S	933.3	42	1675-2212	S	1943.5	90	0-2	S	1.0	0	20
Roche Elecsys	16	2161-3725	S	2942.9	261	171-288	S	229.8	19	675-1117	S	895.9	74	1276-2143	S	1709.6	145	0-5	S	1.9	1	18
Roche HCG+b	17	2347-3513	S	2930.1	194	185-275	S	230.0	15	799-1023	S	911.0	37	1365-2060	S	1712.6	116	0-6	S	2.1	1	10
Siemens Advia	18	2034-3676	S	2854.7	274	208-295	S	251.4	14	727-1080	S	903.4	59	1168-2071	S	1619.9	151	1-6	S	3.6	1	19
Siemens Dimension	19	2003-4129	S	3066.2	354	206-261	S	233.5	9	558-1076	S	816.9	86	1080-2434	S	1756.8	226	0-3	S	1.3	1	63
Siemens Immulite	20	1577-5568	S	3572.6	665	0-1502	S	334.8	389	798-1333	S	1065.1	89	1346-2809	S	2077.5	244	0-7	S	2.1	1	66
Siemens Immulite 2000	21	2464-4991	S	3727.4	421	249-392	S	320.6	24	990-1360	S	1174.7	62	1536-2896	S	2216.2	227	0-6	S	2.5	1	19
Tosoh Total b-hCG	22	2346-4706	S	3526.1	393	191-317	S	253.7	21	808-1290	S	1048.8	80	1549-2386	S	1967.8	139	0-4	S	2.1	1	27
Initial Grouping by Sensitivity or Principle																						
Moderate recovery methods	23	491-5652	S	3071.4	860	132-357	S	244.5	38	213-1609	S	911.1	233	475-3076	S	1775.5	433	0-489	S	14.7	158	155
High recovery methods	24	2449-4906	S	3677.4	409	191-340	S	265.6	25	705-1480	S	1092.6	129	1444-2737	S	2090.2	216	0-5	S	2.3	1	47
Very high recovery methods	25	1794-5438	S	3616.3	607	0-1328	S	329.4	333	806-1370	S	1087.9	94	1333-2877	S	2104.6	257	0-7	S	2.3	2	90
All other methods	26	2227-4018	S	3122.4	299	154-289	S	221.2	22	612-1049	S	830.7	73	1272-2309	S	1790.6	173	0-7	S	2.5	2	86
Total Population																						
Whole Population	27	1998-4521	S	3259.5	421	148-356	S	251.6	35	532-1355	S	943.4	137	1128-2631	S	1879.8	251	4-7	S	5.1	0	393