

Ortho Vitros & Ortho Vitros ECi	6	1.5 - 3.3	C 2.4	0.87	2.8 - 5.1	P 3.95	0.18	-	-	-	4
Roche Elecsys & Roche e/c, 1XX, X000, Elec series	7	2.1 - 3.9	C 2.98	0.22	3.6 - 6.7	P 5.12	0.12	-	-	-	5
Roche Elecsys & Roche e411/e601/E170/E2010	8	1.7 - 3.5	C 2.61	0.52	3.1 - 5.8	P 4.49	1.12	-	-	-	7
Roche Folate III & Roche e/c, 1XX, X000, Elec series	9	1.8 - 3.6	C 2.69	0.55	3.1 - 5.8	P 4.47	1.03	-	-	-	15
Roche Folate III & Roche e411/e601/E170/E2010	10	1.7 - 3.5	C 2.58	0.65	3.3 - 6.1	P 4.72	0.85	-	-	-	5
Siemens Advia & Siemens Centaur/Centaur CP	11	0.8 - 2.6	C 1.68	0.39	2.9 - 5.4	P 4.12	0.59	-	-	-	13
Siemens Dimension LOCI & Siemens Dimension EXL	12	0.9 - 2.7	C 1.76	0.22	2.1 - 3.9	P 3.01	0.22	-	-	-	21
Siemens Immulite 2000 & Siemens Immulite 2000	13	1.3 - 3.1	C 2.24	0.37	3.3 - 6.1	P 4.68	0.35	-	-	-	5
Tosoh AIA & Tosoh AIA	14	1.1 - 2.9	C 2.04	0.64	2.5 - 4.6	P 3.55	0.75	-	-	-	6

Initial Grouping by Reagent

Abbott Architect	15	1.7 - 3.5	C 2.6	0.41	3.5 - 6.6	P 5.06	0.34	-	-	-	13
Beckman Coulter Access	16	1.9 - 3.7	C 2.82	0.34	3.8 - 7.1	P 5.49	0.53	-	-	-	58
MP Biomedicals	17	1.1 - 2.9	C 2.0	0.21	3.1 - 5.7	P 4.38	0.54	-	-	-	4
Ortho Vitros	18	1.5 - 3.3	C 2.42	0.57	2.9 - 5.4	P 4.15	0.45	-	-	-	12
Roche Elecsys	19	1.9 - 3.7	C 2.79	0.45	3.3 - 6.2	P 4.76	0.88	-	-	-	13
Roche Folate III	20	1.7 - 3.5	C 2.63	0.57	3.2 - 5.9	P 4.51	0.98	-	-	-	24
Siemens Advia	21	0.8 - 2.6	C 1.68	0.39	2.9 - 5.4	P 4.12	0.59	-	-	-	13
Siemens Dimension LOCI	22	0.9 - 2.7	C 1.77	0.22	2.1 - 3.9	P 3.01	0.21	-	-	-	22
Siemens Immulite 2000	23	1.3 - 3.1	C 2.24	0.37	3.3 - 6.1	P 4.68	0.35	-	-	-	5
Tosoh AIA	24	1.1 - 2.9	C 2.04	0.64	2.5 - 4.6	P 3.55	0.75	-	-	-	6

Initial Grouping by Sensitivity or Principle

Immunofluorometric-not FPIA	25	1.6 - 3.4	C 2.48	0.56	3.3 - 6.0	P 4.65	0.9	-	-	-	20
Luminometric	26	1.6 - 3.4	C 2.47	0.6	3.2 - 6.0	P 4.63	1.05	-	-	-	150
Radiometric	27	1.1 - 2.9	C 2.0	0.21	3.1 - 5.7	P 4.38	0.54	-	-	-	4

Total Population

Whole Population	28	1.6 - 3.4	C 2.48	0.65	3.2 - 6.0	P 4.6	1.04	-	-	-	175
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Homocysteine

Initial Grouping by Reagent and Instrument

Diazyme & Beck Olym AU 400/600/5400	1	14.2 - 21.3	P 17.72	0.95	21.2 - 31.8	P 26.52	1.15	-	-	-	5
Roche Cobas & Roche e/c, 1XX, X000, Elec series	2	13.8 - 20.6	P 17.2	0.51	21.1 - 31.7	P 26.43	1.6	-	-	-	4

Initial Grouping by Reagent

Carolina 2 part rgt	3	12.4 - 18.6	P 15.52	0.6	19.2 - 28.8	P 24.03	1.18	-	-	-	4
Diazyme	4	14.2 - 21.3	P 17.79	1.2	21.6 - 32.4	P 26.97	1.45	-	-	-	14
Roche Cobas	5	14.2 - 21.3	P 17.73	0.91	21.3 - 32.0	P 26.63	1.38	-	-	-	6

Initial Grouping by Sensitivity or Principle

Luminometric	6	11.5 - 17.2	P 14.33	1.87	18.5 - 27.7	P 23.11	2.76	-	-	-	8
enzymatic	7	14.1 - 21.2	P 17.63	1.18	21.4 - 32.0	P 26.7	1.56	-	-	-	23
HPLC	8	13.5 - 20.2	P 16.84	2.68	18.9 - 28.4	P 23.66	1.29	-	-	-	5

Total Population

Whole Population	9	13.4 - 20.1	P 16.79	2.12	20.4 - 30.6	P 25.48	2.48	-	-	-	36
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Pre-Albumin

Initial Grouping by Reagent and Instrument

Beckman Coulter DXC & Beck Coult Unicel DXC	1	9.3 - 15.5	P 12.38	0.3	13.0 - 21.7	P 17.36	0.61	-	-	-	5
Beckman Olympus & Beck Olym AU 400/600/5400	2	10.4 - 17.4	P 13.92	0.58	13.9 - 23.1	P 18.5	0.9	-	-	-	5
Roche Cobas c501 & Roche e/c, 1XX, X000, Elec series	3	9.5 - 15.9	P 12.73	1.31	12.6 - 21.0	P 16.83	1.26	-	-	-	4
Siemens Dimen Xpand, ExL & Siemens Dimension EXL	4	10.5 - 17.5	P 13.98	0.34	13.3 - 22.2	P 17.76	0.55	-	-	-	13
Siemens PETIA & Siemens Dim RxL, RxL Max	5	10.5 - 17.5	P 14.0	0.42	13.4 - 22.4	P 17.93	0.62	-	-	-	4

Initial Grouping by Reagent

Beckman Coulter DXC	6	9.3 - 15.5	P 12.38	0.3	13.0 - 21.7	P 17.36	0.61	-	-	-	5
Beckman Olympus	7	10.3 - 17.2	P 13.75	0.82	13.9 - 23.1	P 18.48	0.95	-	-	-	8
Kamiya Biomedical	8	9.1 - 15.2	P 12.13	0.66	12.5 - 20.8	P 16.6	0.29	-	-	-	4
Roche Cobas c501	9	9.5 - 15.9	P 12.68	1.18	12.5 - 20.8	P 16.66	1.18	-	-	-	5
Siemens Dimen Xpand, ExL	10	10.5 - 17.5	P 13.98	0.34	13.3 - 22.2	P 17.76	0.55	-	-	-	13
Siemens PETIA	11	10.5 - 17.5	P 14.0	0.42	13.4 - 22.4	P 17.93	0.62	-	-	-	4

Initial Grouping by Sensitivity or Principle

Colorimetric	12	9.9 - 16.6	P 13.26	1.01	13.3 - 22.2	P 17.75	1.13	-	-	-	23
All other methods	13	9.1 - 15.2	P 12.13	0.66	12.5 - 20.8	P 16.6	0.29	-	-	-	4
Siemens luminometric	14	10.3 - 17.2	P 13.76	0.83	13.2 - 22.1	P 17.66	0.63	-	-	-	14

Total Population											
Whole Population	15	10.1 - 16.8	P 13.48	1.44	13.3 - 22.1	P 17.7	1.2	-	-	-	42
Prolactin											
Initial Grouping by Reagent and Instrument											
Abbott Cmia & Abbott Architect c, ci, i	1	16 - 30	P 23.0	0.7	30 - 55	P 42.5	1.5	-	-	-	4
Beckman Coulter Access & Beckman Coulter Access	2	15 - 27	P 20.9	1.3	27 - 49	P 37.9	2.3	-	-	-	15
Beckman Coulter Access & Beckman Coulter DxI	3	14 - 27	P 20.7	0.8	27 - 50	P 38.7	2.1	-	-	-	13
Roche Cobas & Roche e/c, 1XX, X000, Elec series	4	15 - 28	P 21.7	2.1	30 - 55	P 42.2	3.8	-	-	-	6
Roche Cobas & Roche e411/e601/E170/E2010	5	15 - 27	P 20.8	1.1	28 - 52	P 40.0	2.1	-	-	-	4
Roche Elecsys & Roche e/c, 1XX, X000, Elec series	6	15 - 27	P 20.8	1.5	28 - 53	P 40.6	3.4	-	-	-	10
Roche Elecsys & Roche e411/e601/E170/E2010	7	15 - 28	P 21.2	2.1	29 - 53	P 41.0	3.7	-	-	-	10
Siemens Immulite & Siemens Immulite 1000	8	16 - 29	P 22.4	1.5	30 - 56	P 42.8	2.5	-	-	-	14
Siemens Immulite 2000,2500 & Siemens Immulite 2000	9	14 - 27	P 20.4	2.3	28 - 51	P 39.3	4.7	-	-	-	8
Siemens luminometric & Siemens Centaur/Centaur CP	10	13 - 25	P 19.0	0.7	25 - 46	P 35.3	0.7	-	-	-	8
Tosoh AIA & Tosoh AIA ST	11	15 - 28	P 21.5	1.3	27 - 50	P 38.8	1.8	-	-	-	12
Initial Grouping by Reagent											
Abbott Cmia	12	16 - 30	P 23.0	0.7	30 - 55	P 42.5	1.5	-	-	-	4
Beckman Coulter Access	13	15 - 27	P 20.8	1.1	27 - 50	P 38.3	2.3	-	-	-	28
Ortho Vitros Eci	14	14 - 25	P 19.5	1.1	25 - 47	P 36.3	1.9	-	-	-	4
Roche Cobas	15	15 - 28	P 21.3	1.7	29 - 54	P 41.3	3.2	-	-	-	12
Roche Elecsys	16	15 - 27	P 20.9	1.8	29 - 53	P 40.7	3.5	-	-	-	21
Siemens Immulite	17	16 - 29	P 22.2	1.6	30 - 55	P 42.4	2.6	-	-	-	17
Siemens Immulite 2000,2500	18	14 - 27	P 20.4	2.3	28 - 51	P 39.3	4.7	-	-	-	8
Siemens luminometric	19	13 - 25	P 19.0	0.7	25 - 46	P 35.3	0.7	-	-	-	8
Tosoh AIA	20	15 - 28	P 21.5	1.3	27 - 50	P 38.7	1.9	-	-	-	14
Initial Grouping by Sensitivity or Principle											
Luminometric	21	15 - 27	P 21.0	1.8	28 - 52	P 39.7	3.6	-	-	-	102
Immunofluorometric-not FPIA	22	15 - 28	P 21.5	1.4	27 - 51	P 39.0	2.2	-	-	-	16
Total Population											
Whole Population	23	15 - 27	P 21.1	1.7	28 - 52	P 39.7	3.6	-	-	-	118

Prostate Specific Ag, Total

Initial Grouping by Reagent and Instrument											
Abbott Aeroset/Architect & Abbott Architect c, ci, i	1	4.4 - 8.1	P 6.22	0.26	8.5 - 15.9	P 12.2	0.8	-	-	-	27
Beckman Coulter Access & Beckman Coulter Access	2	5.2 - 9.7	P 7.47	0.56	10.5 - 19.4	P 14.94	0.92	-	-	-	62
Beckman Coulter Access & Beckman Coulter DxI	3	5.1 - 9.4	P 7.26	0.4	10.2 - 18.9	P 14.51	0.99	-	-	-	15
NanoEnTek FREND & NanoEnTek FREND	4	5.4 - 10.1	P 7.78	0.55	11.7 - 21.7	P 16.7	1.31	-	-	-	5
Ortho Vitros & Ortho Vitros 3600, 5600	5	2.8 - 5.2	P 4.0	0.94	5.3 - 9.9	P 7.6	1.81	-	-	-	10
Ortho Vitros Eci & Ortho Vitros Eci	6	2.8 - 5.3	P 4.05	0.98	4.9 - 9.0	P 6.93	0.22	-	-	-	8
Qual FastPack, FastPack IP & Qualigen FastPack	7	6.2 - 11.5	P 8.81	0.65	12.7 - 23.6	P 18.14	1.01	-	-	-	9
Roche Cobas & Roche e/c, 1XX, X000, Elec series	8	5.2 - 9.7	P 7.48	0.35	10.4 - 19.3	P 14.86	0.48	-	-	-	5
Roche Elecsys & Roche e/c, 1XX, X000, Elec series	9	5.1 - 9.4	P 7.25	0.75	9.9 - 18.4	P 14.15	1.4	-	-	-	17
Roche Elecsys & Roche e411/e601/E170/E2010	10	5.1 - 9.6	P 7.35	0.5	10.2 - 19.0	P 14.62	1.04	-	-	-	14
Siemens Advia & Siemens Centaur/Centaur CP	11	4.5 - 8.3	P 6.39	0.28	8.6 - 16.0	P 12.28	0.61	-	-	-	8
Siemens CrO2 & Siemens Dimension EXL	12	4.8 - 8.9	P 6.83	0.39	9.5 - 17.6	P 13.54	0.84	-	-	-	11
Siemens Dimension Flex & Siemens Dimension EXL	13	4.7 - 8.7	P 6.71	0.33	9.4 - 17.4	P 13.39	0.61	-	-	-	30
Siemens Dimension Flex & Siemens Dimension Xpand	14	4.7 - 8.8	P 6.76	0.5	9.3 - 17.2	P 13.22	1.23	-	-	-	17
Siemens Dimension LOCI & Siemens Dimension EXL	15	4.6 - 8.6	P 6.62	0.28	8.9 - 16.4	P 12.65	1.41	-	-	-	6
Siemens Immulite & Siemens Immulite 1000	16	4.6 - 8.6	P 6.63	0.35	9.1 - 17.0	P 13.05	0.54	-	-	-	4
Siemens Immulite & Siemens Immulite 2000	17	5.0 - 9.4	P 7.21	0.64	9.6 - 17.8	P 13.71	1.36	-	-	-	8
Siemens luminometric & Siemens Centaur/Centaur CP	18	4.3 - 7.9	P 6.11	0.26	8.4 - 15.7	P 12.06	0.38	-	-	-	7
Tosoh ST & Tosoh AIA	19	4.3 - 7.9	P 6.07	0.4	8.3 - 15.4	P 11.83	0.71	-	-	-	26
Tosoh ST & Tosoh AIA ST	20	4.3 - 7.9	P 6.09	0.46	8.3 - 15.5	P 11.91	0.99	-	-	-	16
bioMerieux Vidas & bioMerieux mini Vidas/Vidas	21	5.2 - 9.7	P 7.45	0.5	10.5 - 19.6	P 15.04	1.27	-	-	-	14
Initial Grouping by Reagent											
Abbott Aeroset/Architect	22	4.4 - 8.1	P 6.22	0.26	8.5 - 15.9	P 12.2	0.8	-	-	-	27
Beck Access Hybritech WHO	23	5.1 - 9.5	P 7.3	0.07	10.2 - 19.0	P 14.6	0.63	-	-	-	4

Beckman Coulter Access	24	5.2 - 9.7	P 7.43	0.54	10.4 - 19.3	P 14.85	0.95	-	-	-	77
NanoEnTek FREND	25	5.4 - 10.1	P 7.78	0.55	11.7 - 21.7	P 16.7	1.31	-	-	-	5
Ortho Vitros	26	2.8 - 5.1	P 3.94	0.87	5.2 - 9.7	P 7.48	1.68	-	-	-	12
Ortho Vitros Eci	27	2.8 - 5.2	P 3.98	0.89	4.9 - 9.0	P 6.94	0.24	-	-	-	10
Qual FastPack, FastPack IP	28	6.1 - 11.3	P 8.66	0.77	12.6 - 23.4	P 18.03	0.99	-	-	-	10
Roche Cobas	29	5.3 - 9.8	P 7.57	0.3	10.5 - 19.6	P 15.04	0.48	-	-	-	8
Roche Elecsys	30	5.1 - 9.6	P 7.35	0.68	10.1 - 18.8	P 14.47	1.31	-	-	-	35
Siemens Advia	31	4.5 - 8.3	P 6.39	0.28	8.6 - 16.0	P 12.28	0.61	-	-	-	8
Siemens CrO2	32	4.8 - 8.9	P 6.81	0.36	9.5 - 17.6	P 13.56	0.73	-	-	-	15
Siemens Dimension Flex	33	4.7 - 8.7	P 6.7	0.39	9.3 - 17.3	P 13.28	0.86	-	-	-	52
Siemens Dimension LOCI	34	4.7 - 8.8	P 6.76	0.35	9.1 - 16.8	P 12.95	1.34	-	-	-	8
Siemens Immulite	35	4.9 - 9.1	P 7.01	0.6	9.5 - 17.6	P 13.56	1.18	-	-	-	13
Siemens luminometric	36	4.3 - 7.9	P 6.11	0.26	8.4 - 15.7	P 12.06	0.38	-	-	-	7
Tosoh ST	37	4.2 - 7.9	P 6.07	0.42	8.3 - 15.4	P 11.86	0.83	-	-	-	42
bioMerieux Vidas	38	5.2 - 9.7	P 7.45	0.5	10.5 - 19.6	P 15.04	1.27	-	-	-	14
Initial Grouping bySensitivityor Principle											
Moderate recovery methods	39	4.8 - 8.9	P 6.88	0.72	9.5 - 17.7	P 13.58	1.58	-	-	-	118
Low recovery methods	40	4.6 - 8.6	P 6.58	0.61	9.1 - 16.9	P 13.02	1.39	-	-	-	120
All other methods	41	5.2 - 9.7	P 7.43	0.54	10.4 - 19.3	P 14.85	0.95	-	-	-	77
Very low recovery methods	42	2.9 - 5.3	P 4.09	1.06	5.3 - 9.8	P 7.53	1.85	-	-	-	23
High recovery methods	43	6.1 - 11.3	P 8.66	0.77	12.6 - 23.4	P 18.03	0.99	-	-	-	10
Total Population											
Whole Population	44	4.7 - 8.8	P 6.77	1.3	9.3 - 17.3	P 13.31	2.55	-	-	-	350

Testosterone

Initial Grouping byReagent and Instrument

Abbott Architect & Abbott Architect c, ci, i	1	633 - 1176	P 904.9	79.0	920 - 1708	P 1313.6	236.0	-	-	-	14
Beckman Coulter Access & Beckman Coulter Access	2	572 - 1063	P 817.5	56.6	951 - 1767	P 1359.0	74.8	-	-	-	39
Beckman Coulter Access & Beckman Coulter Dxl	3	552 - 1025	P 788.8	36.8	917 - 1704	P 1310.6	99.3	-	-	-	12
Qualigen FastPack & Qualigen FastPack	4	527 - 979	P 752.8	38.0	777 - 1443	P 1110.3	41.0	-	-	-	4
Roche Elecsys & Roche e/c, 1XX, X000, Elec series	5	648 - 1203	P 925.7	57.1	1041 - 1933	P 1487.3	36.1	-	-	-	11
Roche Elecsys & Roche e411/e601/E170/E2010	6	659 - 1224	P 941.6	41.4	1050 - 1950	P 1500.0	0.0	-	-	-	7
Siemens Advia/Centaur/CP/XP & Siemens Centaur/Centaur CP	7	439 - 816	P 627.6	132.1	830 - 1541	P 1185.0	273.8	-	-	-	5
Siemens Immulite & Siemens Immulite 1000	8	804 - 1494	P 1149.2	58.2	1120 - 2080	P 1600.0	0.0	-	-	-	5
Siemens Immulite & Siemens Immulite 2000	9	620 - 1152	P 886.4	77.1	1046 - 1943	P 1494.6	79.6	-	-	-	10
Siemens luminometric & Siemens Centaur/Centaur CP	10	399 - 741	P 569.8	71.2	755 - 1401	P 1078.0	88.0	-	-	-	5
Tosoh ST & Tosoh AIA	11	811 - 1506	P 1158.7	47.8	1350 - 2507	P 1928.2	66.0	-	-	-	12
Tosoh ST & Tosoh AIA ST	12	827 - 1536	P 1181.5	69.3	1382 - 2566	P 1973.6	132.5	-	-	-	11

Initial Grouping byReagent

Abbott Architect	13	633 - 1176	P 904.9	79.0	920 - 1708	P 1313.6	236.0	-	-	-	14
Beckman Coulter Access	14	567 - 1054	P 810.5	53.9	943 - 1751	P 1347.1	84.1	-	-	-	51
Ortho Vitros	15	831 - 1544	P 1187.5	21.7	1390 - 2581	P 1985.0	51.7	-	-	-	4
Qualigen FastPack	16	527 - 979	P 752.8	38.0	777 - 1443	P 1110.3	41.0	-	-	-	4
Roche Cobas	17	628 - 1166	P 897.3	28.5	1046 - 1943	P 1494.7	12.5	-	-	-	7
Roche Elecsys	18	657 - 1220	P 938.8	56.6	1045 - 1941	P 1493.3	27.0	-	-	-	20
Siemens Advia/Centaur/CP/XP	19	439 - 816	P 627.6	132.1	830 - 1541	P 1185.0	273.8	-	-	-	5
Siemens Immulite	20	681 - 1265	P 972.8	142.4	1074 - 1994	P 1534.1	79.0	-	-	-	16
Siemens luminometric	21	399 - 741	P 569.8	71.2	755 - 1401	P 1078.0	88.0	-	-	-	5
Tosoh ST	22	819 - 1520	P 1169.6	60.2	1365 - 2535	P 1949.9	105.8	-	-	-	23

Initial Grouping bySensitivityor Principle

Immunofluorometric-not FPIA	23	719 - 1334	P 1026.5	218.0	1132 - 2102	P 1616.8	429.7	-	-	-	43
Luminometric	24	602 - 1118	P 859.8	146.5	994 - 1845	P 1419.4	191.8	-	-	-	109

Total Population

Whole Population	25	611 - 1134	P 872.5	252.6	994 - 1847	P 1420.5	404.3	-	-	-	155
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Triiodothyronine, Free (FT3)

Initial Grouping by Reagent and Instrument

Abbott CMA & Abbott Architect c, ci, i	1	3.7 - 6.8	P 5.25	0.24	5.7 - 10.7	P 8.2	0.67	-	-	-	12
Beckman Coulter Access & Beckman Coulter Access	2	4.3 - 8.0	P 6.13	0.34	6.2 - 11.6	P 8.92	0.52	-	-	-	25
Beckman Coulter Access & Beckman Coulter Dxl	3	4.0 - 7.4	P 5.71	0.45	5.8 - 10.8	P 8.31	0.62	-	-	-	10
Roche Elecsys & Roche e/c, 1XX, X000, Elec series	4	5.3 - 9.8	P 7.57	0.24	8.5 - 15.7	P 12.1	0.34	-	-	-	6
Roche Elecsys & Roche e411/e601/E170/E2010	5	5.3 - 9.8	P 7.5	0.27	8.3 - 15.5	P 11.9	0.34	-	-	-	4
Siemens Centaur/Cent CP & Siemens Centaur/Centaur CP	6	4.6 - 8.6	P 6.6	0.26	5.8 - 10.8	P 8.32	0.59	-	-	-	5
Siemens Dimension LOCI & Siemens Dimension EXL	7	5.2 - 9.6	P 7.42	0.17	7.6 - 14.1	P 10.85	0.15	-	-	-	6
Siemens Immulite & Siemens Immulite 1000	8	4.3 - 8.0	P 6.15	0.21	7.0 - 13.0	P 10.02	0.26	-	-	-	4
Siemens Immulite & Siemens Immulite 2000	9	4.8 - 8.8	P 6.8	0.35	7.3 - 13.5	P 10.4	1.29	-	-	-	5

Initial Grouping by Reagent

Abbott CMA	10	3.7 - 6.8	P 5.25	0.23	5.7 - 10.6	P 8.19	0.64	-	-	-	13
Beckman Coulter Access	11	4.2 - 7.8	P 5.98	0.46	6.1 - 11.4	P 8.75	0.6	-	-	-	39
Ortho Vitros ECI	12	6.9 - 12.7	P 9.8	0.0	9.1 - 16.8	P 12.95	0.23	-	-	-	4
Roche Cobas	13	5.1 - 9.5	P 7.28	0.15	8.3 - 15.4	P 11.85	0.21	-	-	-	4
Roche Elecsys	14	5.3 - 9.8	P 7.54	0.24	8.5 - 15.7	P 12.08	0.35	-	-	-	12
Siemens Centaur/Cent CP	15	4.6 - 8.6	P 6.58	0.24	5.8 - 10.8	P 8.28	0.54	-	-	-	6
Siemens Dimension LOCI	16	5.2 - 9.7	P 7.43	0.16	7.6 - 14.1	P 10.83	0.15	-	-	-	7
Siemens Immulite	17	4.5 - 8.4	P 6.48	0.44	7.1 - 13.2	P 10.13	0.93	-	-	-	11
Siemens luminometric	18	4.7 - 8.7	P 6.68	0.26	6.2 - 11.5	P 8.88	0.13	-	-	-	5
Tosoh ST	19	5.8 - 10.8	P 8.3	0.37	7.9 - 14.7	P 11.33	0.48	-	-	-	6

Initial Grouping by Sensitivity or Principle

Luminometric	20	4.5 - 8.3	P 6.41	0.98	6.8 - 12.7	P 9.78	1.62	-	-	-	90
Spectrophotometric	21	4.6 - 8.6	P 6.58	0.24	5.8 - 10.8	P 8.28	0.54	-	-	-	6
Radiometric	22	4.7 - 8.7	P 6.68	0.26	6.2 - 11.5	P 8.88	0.13	-	-	-	5
Immunofluorometric-not FPIA	23	5.8 - 10.8	P 8.3	0.37	7.9 - 14.7	P 11.33	0.48	-	-	-	6

Total Population

Whole Population	24	4.6 - 8.6	P 6.62	1.11	6.9 - 12.7	P 9.79	1.62	-	-	-	109
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Vitamin B12

Initial Grouping by Reagent and Instrument

Abbott CMA & Abbott Architect c, ci, i	1	347 - 645	P 496.2	33.4	593 - 1102	P 847.4	46.4	-	-	-	17
Beckman Coulter Access & Beckman Coulter Access	2	282 - 524	P 402.8	34.9	518 - 961	P 739.5	53.5	-	-	-	47
Beckman Coulter Access & Beckman Coulter Dxl	3	276 - 512	P 393.6	27.8	503 - 933	P 718.0	50.9	-	-	-	17
MP Biomedicals & All gamma counters	4	333 - 618	P 475.0	14.9	631 - 1172	P 901.8	38.5	-	-	-	4
Ortho Vitros & Ortho Vitros 3600, 5600	5	368 - 683	P 525.4	26.8	602 - 1119	P 860.7	62.4	-	-	-	7
Roche Cobas & Roche Cobas 6000	6	340 - 632	P 486.3	17.8	596 - 1106	P 850.8	20.8	-	-	-	4
Roche Elecsys & Roche e/c, 1XX, X000, Elec series	7	330 - 613	P 471.7	39.6	603 - 1120	P 861.9	59.3	-	-	-	17
Roche Elecsys & Roche e411/e601/E170/E2010	8	321 - 596	P 458.3	34.0	605 - 1123	P 863.8	48.6	-	-	-	13
Siemens Advia & Siemens Centaur/Centaur CP	9	301 - 559	P 430.3	79.1	614 - 1141	P 877.6	104.2	-	-	-	7
Siemens Dimension LOCI & Siemens Dimension EXL	10	341 - 633	P 486.9	25.4	583 - 1082	P 832.2	29.8	-	-	-	20
Siemens Immulite & Siemens Immulite 1000	11	353 - 656	P 504.3	15.2	643 - 1195	P 919.0	70.2	-	-	-	4
Siemens Immulite 2000 & Siemens Immulite 2000	12	280 - 520	P 399.8	52.1	531 - 987	P 759.2	77.2	-	-	-	5
Siemens luminometric & Siemens Centaur/Centaur CP	13	301 - 559	P 429.7	26.3	587 - 1091	P 839.0	67.4	-	-	-	6
Tosoh ST & Tosoh AIA	14	396 - 736	P 566.2	44.0	671 - 1245	P 958.0	104.4	-	-	-	6

Initial Grouping by Reagent

Abbott CMA	15	347 - 645	P 496.2	33.4	593 - 1102	P 847.4	46.4	-	-	-	17
Beckman Coulter Access	16	281 - 522	P 401.3	34.0	515 - 956	P 735.6	55.2	-	-	-	65
MP Biomedicals	17	333 - 618	P 475.0	14.9	631 - 1172	P 901.8	38.5	-	-	-	4
Ortho Vitros	18	368 - 683	P 525.4	26.8	602 - 1119	P 860.7	62.4	-	-	-	7
Ortho Vitros ECI	19	392 - 728	P 560.3	41.2	648 - 1204	P 926.2	51.3	-	-	-	5
Roche Cobas	20	339 - 629	P 484.1	29.1	600 - 1114	P 856.6	28.5	-	-	-	9
Roche Elecsys	21	327 - 608	P 467.5	37.4	604 - 1122	P 862.8	53.2	-	-	-	32
Siemens Advia	22	301 - 559	P 430.3	79.1	614 - 1141	P 877.6	104.2	-	-	-	7
Siemens Dimension LOCI	23	340 - 632	P 486.1	25.1	582 - 1082	P 832.0	29.0	-	-	-	21
Siemens Immulite	24	319 - 593	P 456.0	54.4	587 - 1090	P 838.3	96.7	-	-	-	8
Siemens Immulite 2000	25	280 - 520	P 399.8	52.1	531 - 987	P 759.2	77.2	-	-	-	5

Siemens luminometric	26	301 - 559	P 429.7	26.3	587 - 1091	P 839.0	67.4	-	-	6
Tosoh ST	27	399 - 741	P 570.3	40.5	681 - 1266	P 973.5	98.3	-	-	8
Initial Grouping by Sensitivity or Principle										
Luminometric	28	314 - 582	P 448.0	57.2	567 - 1052	P 809.6	82.9	-	-	182
Radiometric	29	333 - 618	P 475.0	14.9	631 - 1172	P 901.8	38.5	-	-	4
Immunofluorometric-not FPIA	30	399 - 741	P 570.3	40.5	681 - 1266	P 973.5	98.3	-	-	8
Total Population										
Whole Population	31	319 - 593	P 456.0	72.6	570 - 1058	P 813.6	105.7	-	-	195