

Dena Laboratory

MONTHLY IMMUNOASSAY

CYCLE 15 SAMPLE 5

Explanation of codes used in this report

R - Results removed due to reconstitution error
N - No result returned
C - Result corrected

Authorised by: Stephen Doherty, RIQAS Manager

Issue No: 1

Issue Date: 24/05/2017

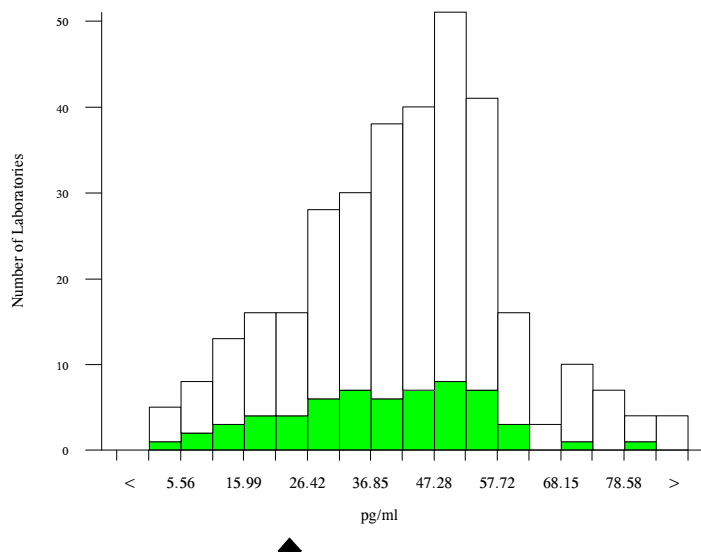
Randox Laboratories Limited
55 Diamond Road
CRUMLIN BT29 4QY
Tel: +44 (0)28 9445 4399
Fax: +44 (0)28 9445 4398
Email: mail@riqas.com

ACTH, pg/ml

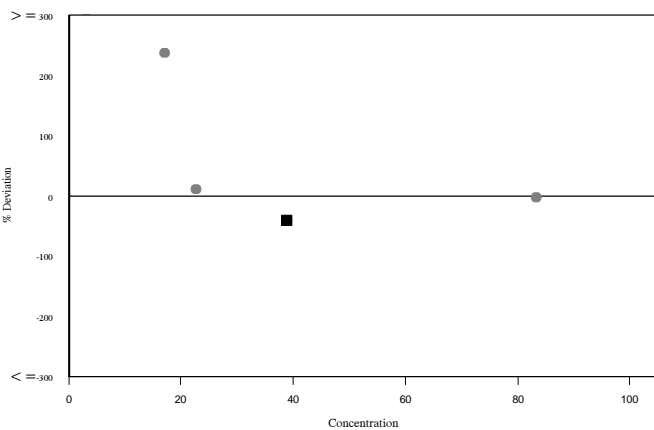
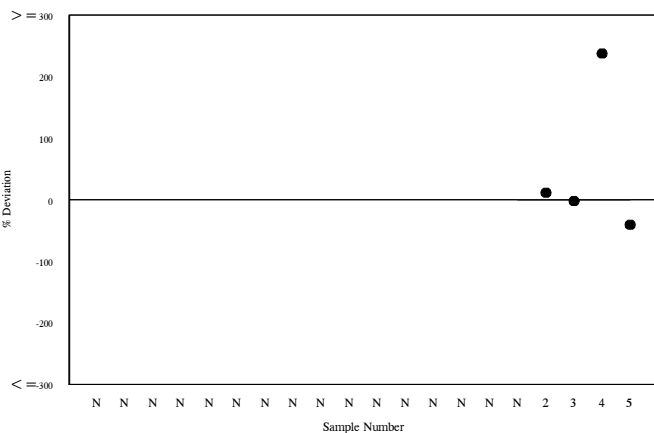
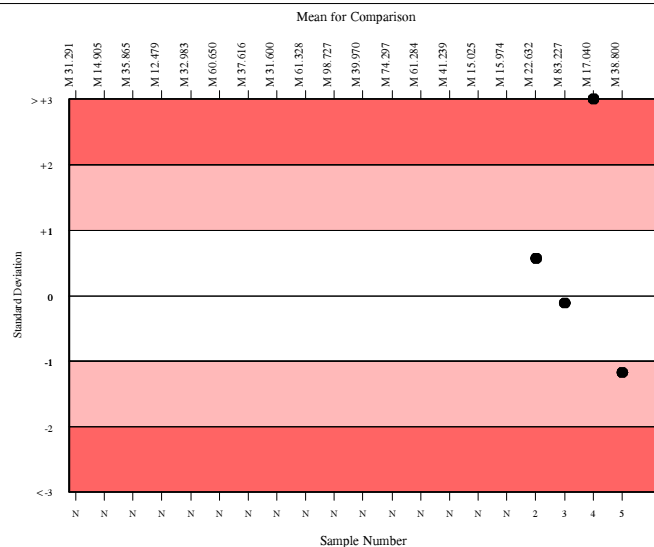
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	303	42.073	33.1	1.00	13.91	28
Roche Cobas 4000/e411	55	38.800	34.6	2.26	13.44	5

▲ Your Result	23.000	SDI RMSDI	-1.18 Too Few
■ Mean for Comparison	38.800	TS RMTS	N/A N/A
		%DEV RM%DEV	-40.7 Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	N/A



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	106	38.834	30.0	1.42
Roche Cobas 6000/8000	61	45.656	24.7	1.80
Roche Cobas 4000/e411	55	38.800	34.6	2.26
Siemens/DPC Immulite 1000	26	46.815	20.5	2.35
Diasorin Liaison	20	44.040	45.7	5.63
SNIBE Maglumi analysers	13	72.952	3.3	0.83
Roche Elecsys	6	44.140	19.7	4.44
TOSOH	5	43.808	31.6	7.74
Roche Modular E170	5	37.176	37.4	7.78
CIS, IRMA	2	55.450	12.1	5.94

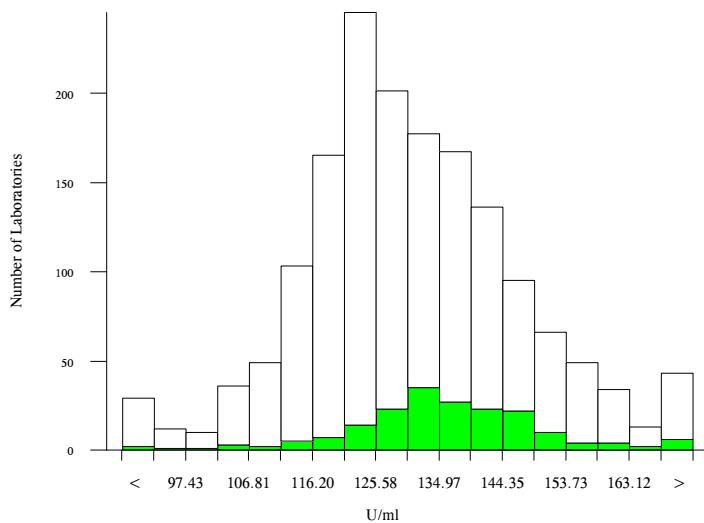


AFP, U/ml

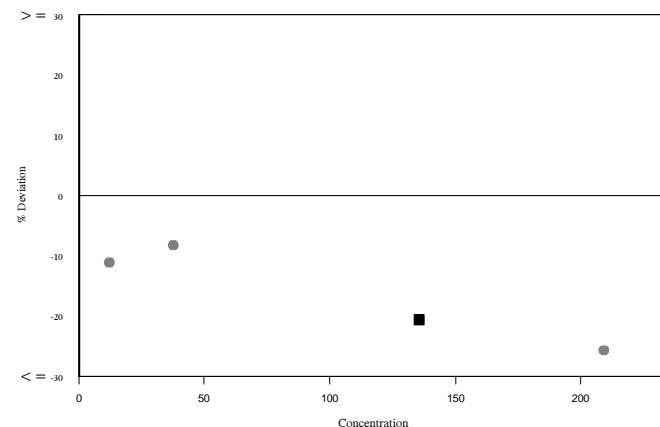
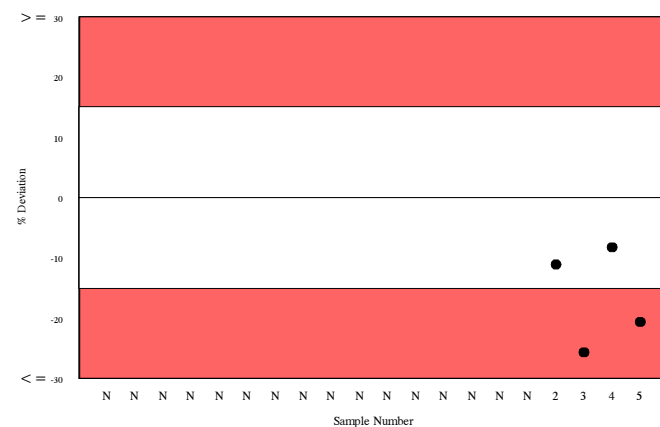
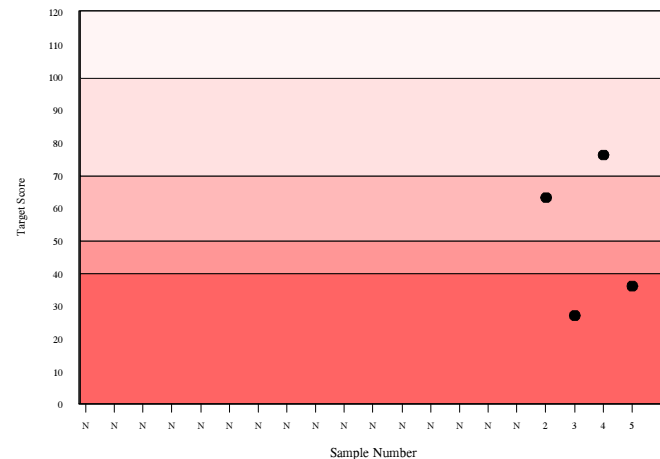
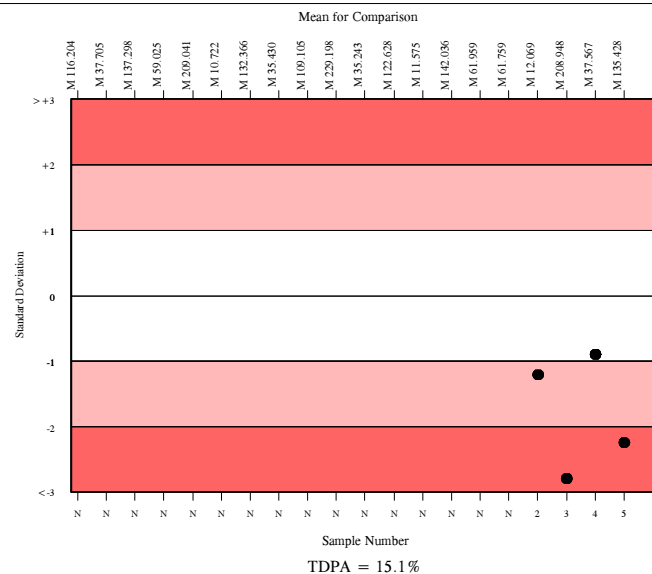
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1505	130.279	9.6	0.40	11.96	125
Roche Cobas 4000/e411	170	135.428	7.0	0.91	12.43	21

▲ Your Result	107.500	SDI	-2.25
		RMSDI	Too Few
■ Mean for Comparison	135.428	TS	36
		RMTS	Too Few
		%DEV	-20.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	21.9%
Acceptable limits of performance for RIQAS	15.10%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	335	135.571	5.5	0.51
Abbott Architect	284	122.375	4.0	0.36
Roche Cobas 4000/e411	170	135.428	7.0	0.91
Siemens Centaur XP/XPT/Classic	147	149.396	6.1	0.94
Beckman DxI 600 / 800	137	123.705	6.3	0.83
Siemens/DPC Immulite 2000/2500	61	115.239	6.8	1.26
bioMerieux, Vidas/Mini Vidas	53	117.220	9.6	1.94
Roche Elecsys	43	130.678	4.7	1.18
Beckman Access/LXi725	37	129.732	7.9	2.10
DiaSorin, Liaison	32	135.244	8.6	2.56
Ortho Vitros 3600/5600/ECi	32	145.204	8.5	2.72
Tosoh	24	112.665	5.2	1.51
SNIBE Maglumi analysers	24	120.170	3.8	1.15
Roche Modular E170	19	135.627	6.1	2.36
Siemens Centaur CP	19	154.044	7.9	3.50
CIS, IRMA	14	188.250	3.4	2.13
Siemens/DPC Immulite 1000	17	112.604	11.8	4.04
Fujirebio Lumipulse G Series	9	124.242	2.9	1.49
Siemens Dimension	6	136.832	1.8	1.29
Brahms Kryptor	2	141.303	6.6	8.25
ELISA	1	133.400	0.0	0.00



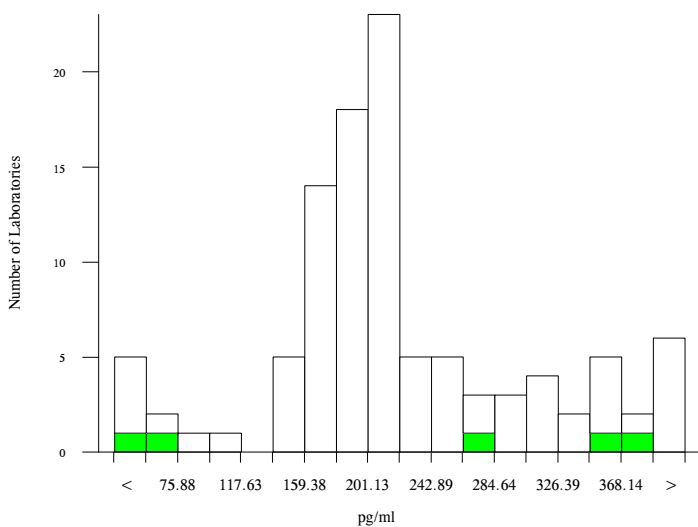
Aldosterone, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	87	222.014	25.1	7.46	52.10	17
DiaMetra ELISA	3	333.033	15.3	36.78	86.37a	2

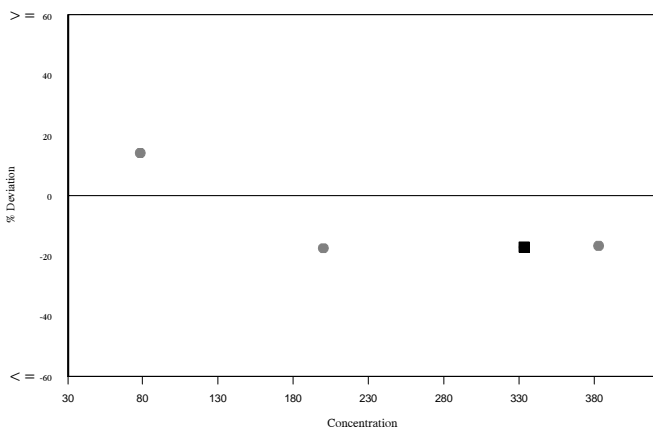
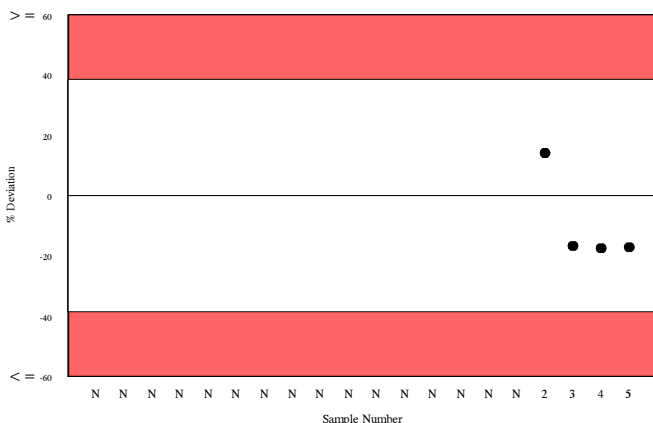
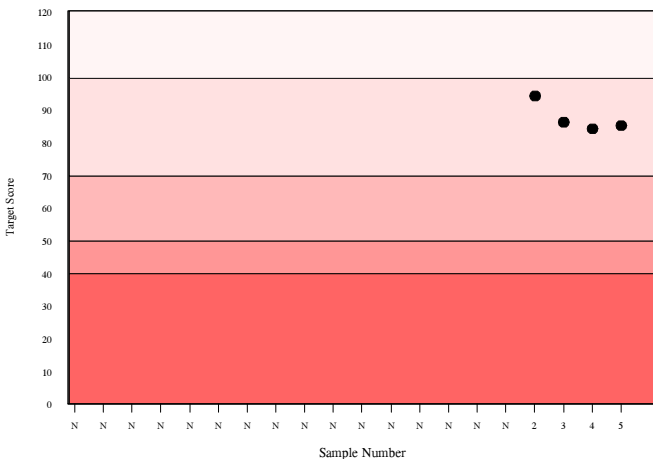
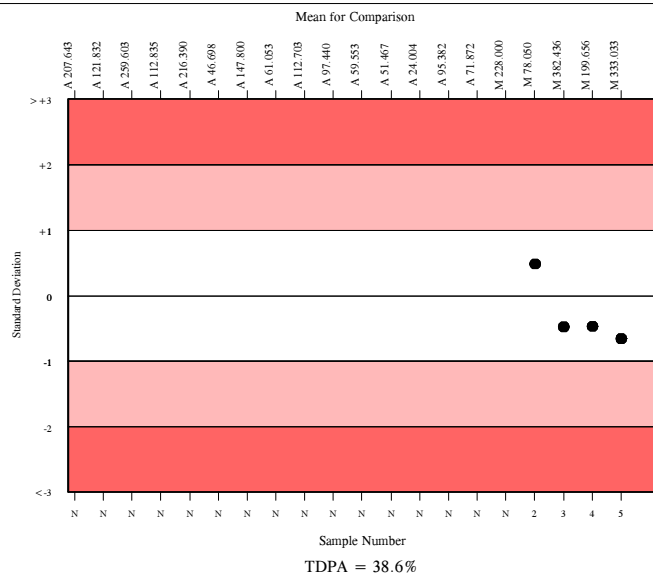
▲ Your Result	276.000	SDI	-0.66
		RMSDI	Too Few
■ Mean for Comparison	333.033	TS	85
		RMTS	Too Few
		%DEV	-17.1
		RM%DEV	Too Few

The mean for comparison is not statistically significant

Acceptable limits derived from Biological Variation	36.7%
Acceptable limits of performance for RIQAS	38.60%



Method	N	Mean	CV%	U _m
Diasorin Liaison	29	202.844	6.1	2.87
SNIBE Maglumi analysers	15	166.218	8.4	4.51
DRG, ELISA	8	256.840	21.5	24.46
Immunotech RIA	4	355.762	1.9	4.19
CIS, RIA	5	49.322	23.0	6.34
DiaMetra ELISA	3	333.033	15.3	36.78
ELISA	5	388.080	40.4	87.69
IDS iSYS	5	196.547	8.1	8.86
AutoBio CLIA	3	191.107	10.4	14.41
DBE, ELISA	2	367.000	11.2	36.25
IBL International ELISA	3	315.030	9.8	22.26
ZenTech RIA	3	227.633	13.5	22.21
DSL, RIA	2	340.109	21.8	65.39

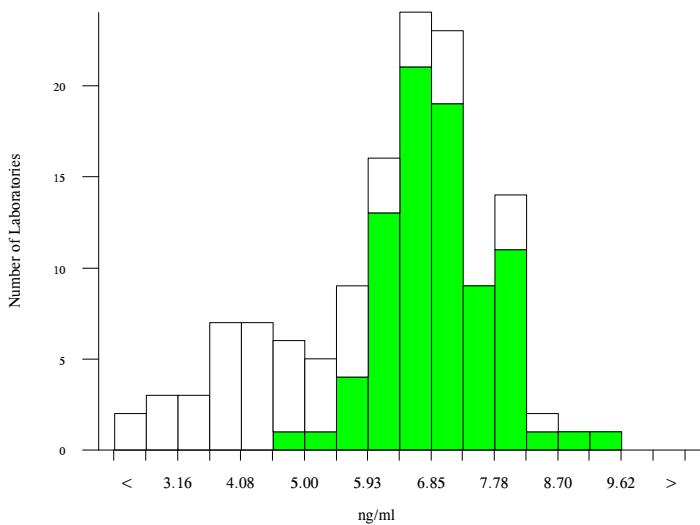


Androstenedione, ng/ml

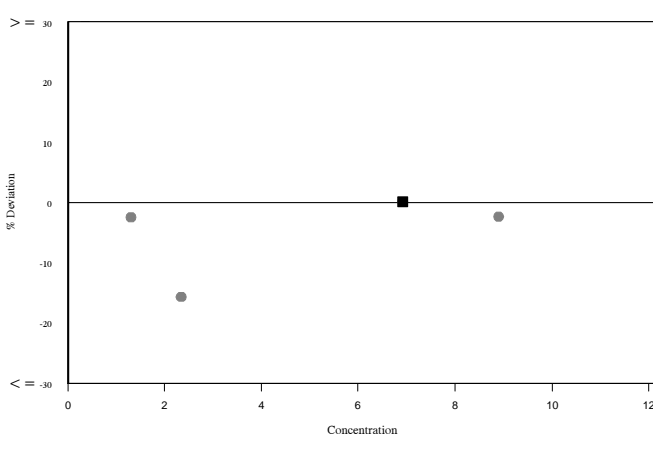
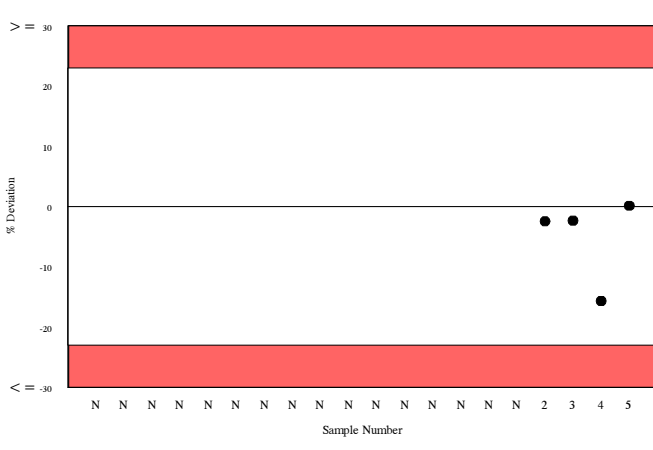
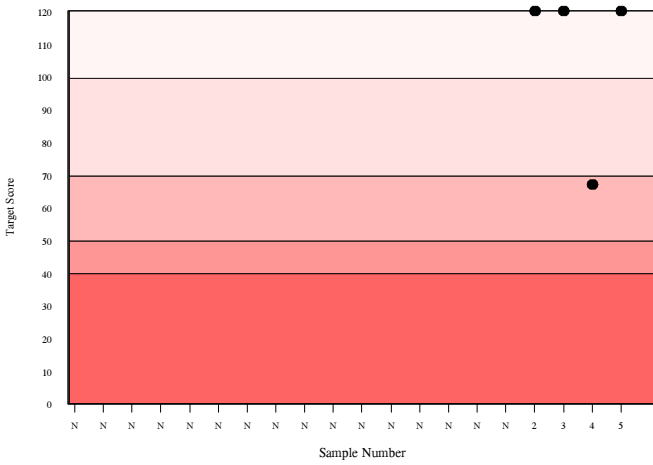
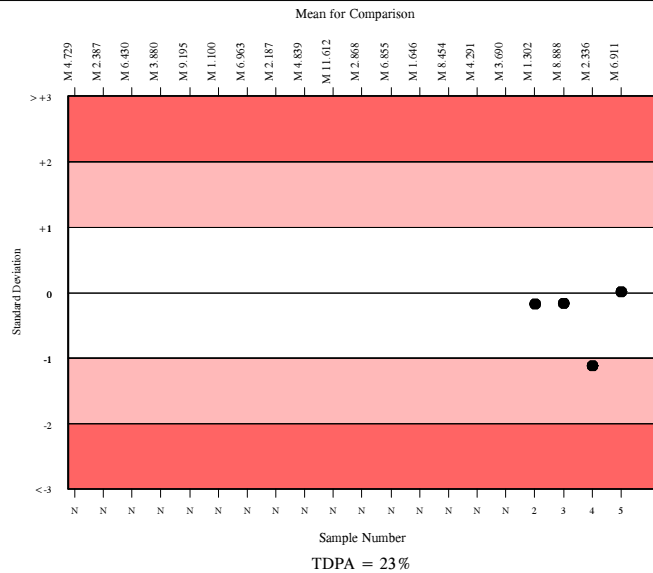
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	124	6.395	19.3	0.14	0.89	8
Siemens/DPC Immulite 2000	77	6.911	9.7	0.10	0.97	5

▲ Your Result	6.920	SDI	0.01
		RMSDI	Too Few
■ Mean for Comparison	6.911	TS	120
		RMTS	Too Few
		%DEV	0.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	23.51%
Acceptable limits of performance for RIQAS	23.00%



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000	77	6.911	9.7	0.10
Siemens/DPC Immulite 1000	16	5.566	17.2	0.30
Beckman Coulter Active RIA	7	3.834	5.5	0.10
DRG, ELISA	7	5.926	25.8	0.72
DIAsource, RIA	4	6.078	19.3	0.73
DiaMetra ELISA	3	4.150	17.1	0.51
Labor Diagnostike Nord ELISA	2	7.455	8.6	0.57
Novatec ELISA	2	2.553	2.6	0.06

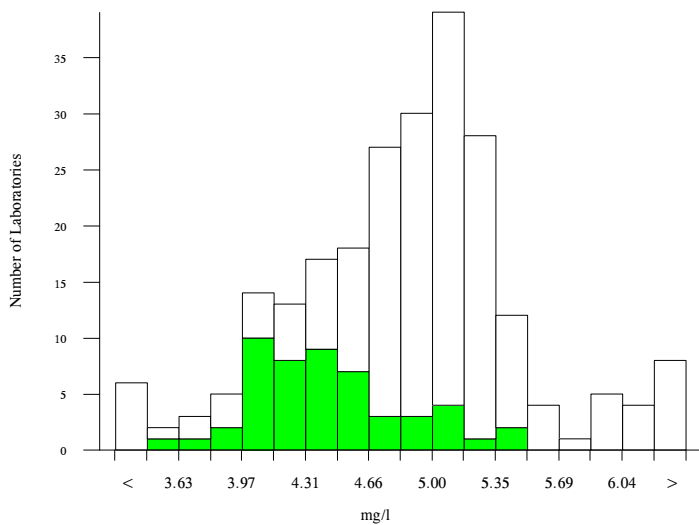


Beta-2-Microglobulin, mg/l

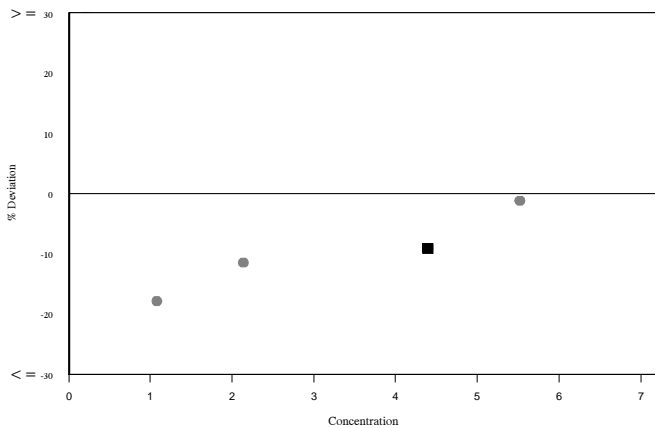
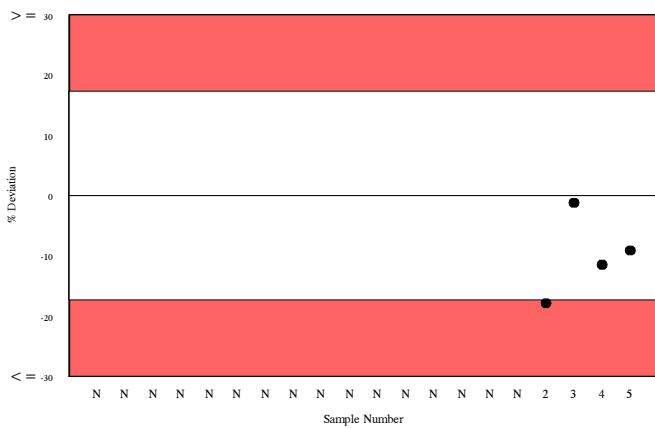
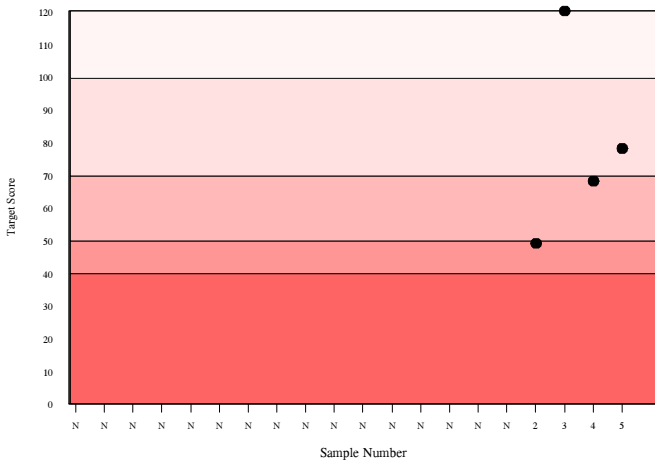
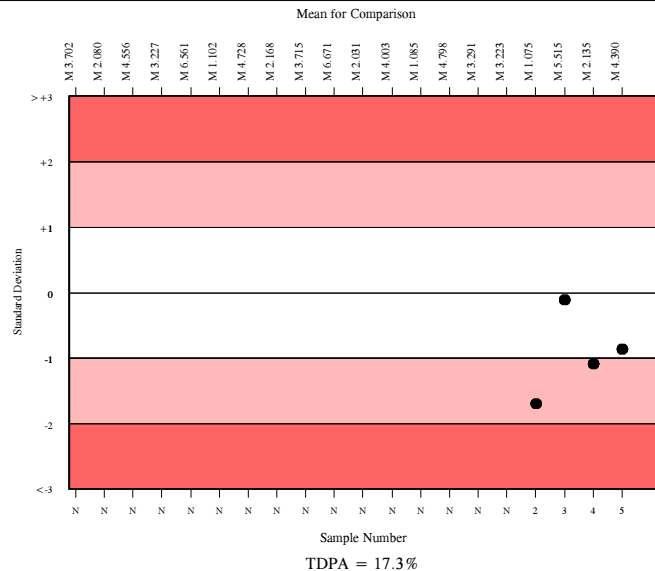
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	214	4.837	9.5	0.04	0.51	26
Siemens/DPC Immulite 2000/2500	48	4.390	8.4	0.07	0.46	3

▲ Your Result	3.990	SDI	-0.87
		RMSDI	Too Few
■ Mean for Comparison	4.390	TS	78
		RMTS	Too Few
		%DEV	-9.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	9%
Acceptable limits of performance for RIQAS	17.30%



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	48	4.390	8.4	0.07
Roche Cobas 6000/8000	37	5.006	4.7	0.05
bioMerieux, VIDAS	25	4.761	12.3	0.15
Abbott Architect	21	5.049	2.5	0.03
Siemens/Behring Nephelometer	10	4.980	3.7	0.07
SNIBE Maglumi analysers	10	4.707	0.9	0.02
Diasorin Liaison	12	4.408	12.3	0.20
Beckman AU400/600/640/2700/5400	8	5.602	10.3	0.25
Siemens/DPC Immulite 1000	7	4.660	9.9	0.22
Roche Tinaquant	5	5.209	4.8	0.14
Beckman Immage	4	5.818	6.9	0.25
Fujirebio Lumipulse G Series	4	4.218	10.0	0.26
Roche Cobas 4000/c311	4	5.155	4.1	0.13
Siemens Advia 1200/1650/1800/2400	3	6.020	23.3	1.01
Siemens Dimension	3	5.432	8.2	0.32
Roche Modular P	3	4.977	11.6	0.42
Biolatex Immunoassay	2	3.700	26.8	0.87
DakoCytomation PET kit	2	6.135	1.3	0.07
ELISA	2	5.915	0.4	0.02
Immunotech RIA	2	5.675	8.1	0.41
TOSOH	2	5.325	8.6	0.41

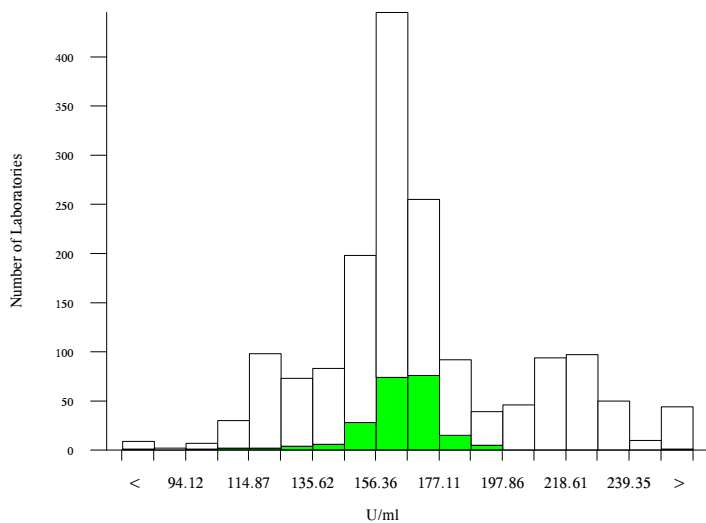


CA 125, U/ml

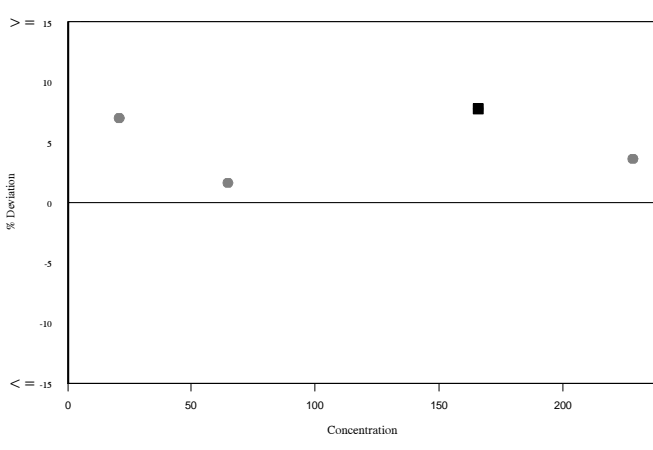
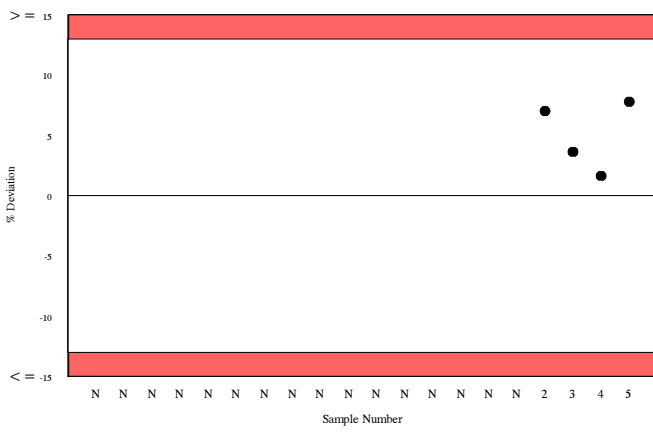
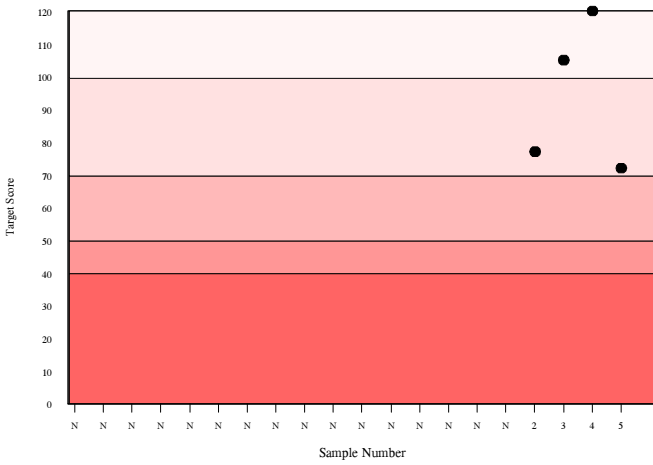
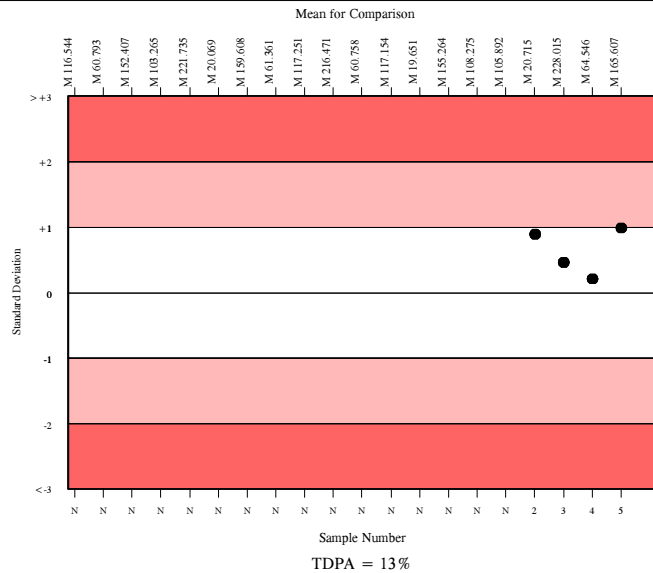
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1558	166.743	16.6	0.88	13.18	114
Roche Cobas 4000/e411	196	165.607	5.5	0.82	13.09	19

▲ Your Result	178.500	SDI	0.99
		RMSDI	Too Few
■ Mean for Comparison	165.607	TS	72
		RMTS	Too Few
		%DEV	7.8
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	35.4%
Acceptable limits of performance for RIQAS	13.00%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	340	162.540	4.0	0.44
Abbott Architect	297	217.512	5.7	0.91
Roche Cobas 4000/e411	196	165.607	5.5	0.82
Beckman DxI 600 / 800	135	123.596	5.7	0.76
Centaur XP/XPT/Classic, CA125 II Kit	121	156.492	6.0	1.08
bioMerieux, VIDAS	80	171.094	7.1	1.69
Roche Elecsys	51	163.909	5.9	1.69
Siemens Centaur XP/XPT/Classic OV Kit	43	158.481	5.3	1.61
Ortho Vitros 3600/5600/ECi	35	161.840	2.8	0.95
Siemens/DPC Immulite 2000/2500	32	151.131	5.2	1.73
Beckman Access/LXi725	30	120.497	6.7	1.84
Diasorin Liaison	35	225.399	18.0	8.57
SNIBE Maglumi analysers	25	143.580	3.9	1.39
TOSOH	21	315.390	3.8	3.24
Siemens Centaur CP CA125 II Kit	20	160.775	7.9	3.56
Roche Modular E170	21	163.424	3.8	1.69
Siemens/DPC Immulite 1000	15	164.243	8.6	4.56
Fujirebio Lumipulse G Series	14	159.016	7.3	3.88
CIS, IRMA	12	118.972	6.4	2.74
Siemens Dimension	6	286.883	1.2	1.80
Siemens Centaur CP OV Kit	3	154.033	7.5	8.36

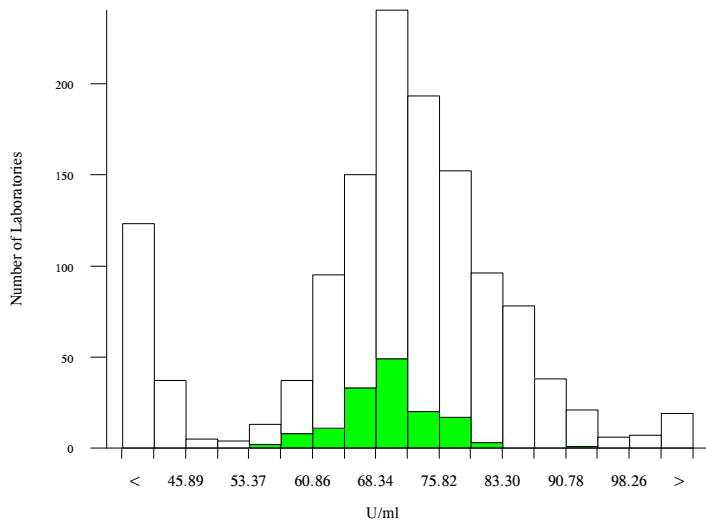


CA 15-3, U/ml

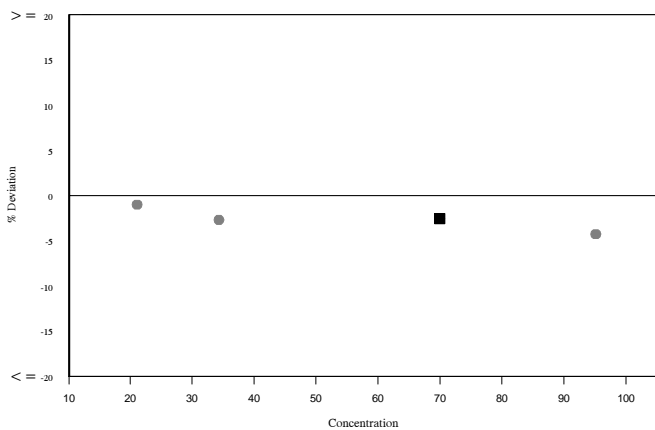
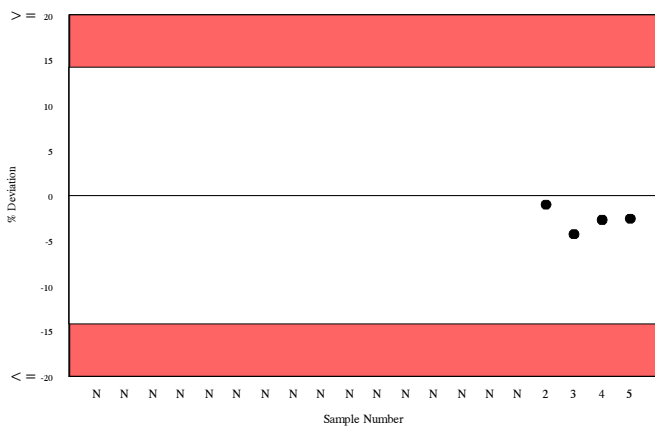
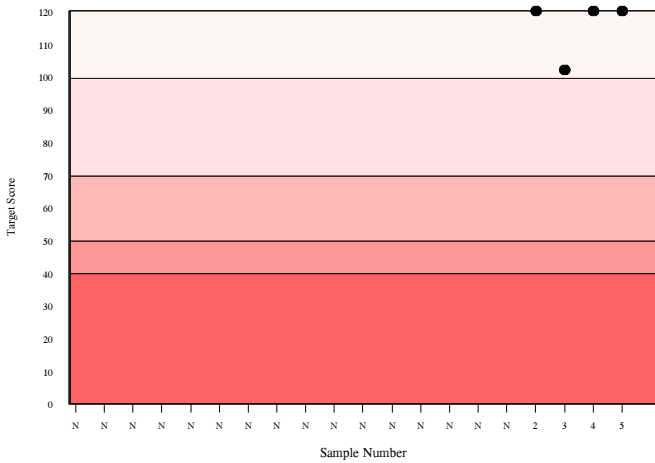
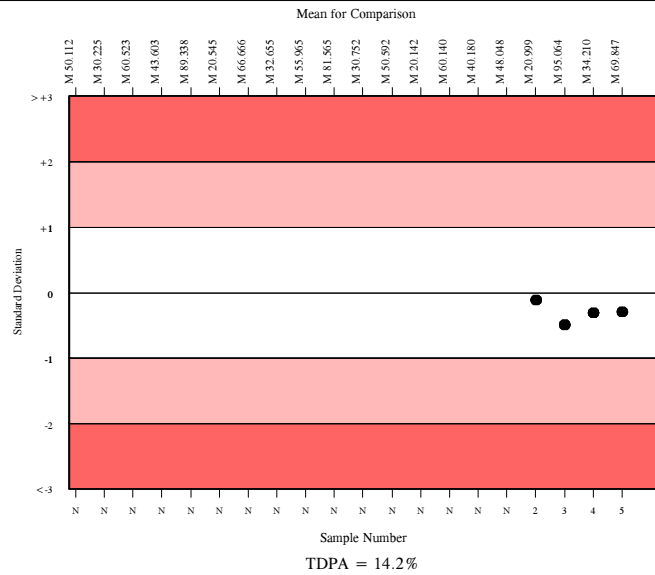
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1173	72.084	13.8	0.36	6.22	142
Roche Cobas 4000/e411	135	69.847	6.5	0.49	6.03	9

▲ Your Result	68.060	SDI	-0.30
		RMSDI	Too Few
■ Mean for Comparison	69.847	TS	120
		RMTS	Too Few
		%DEV	-2.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	20.8%
Acceptable limits of performance for RIQAS	14.20%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	273	72.278	5.3	0.29
Abbott Architect	238	80.731	6.5	0.43
Siemens Centaur XP/XPT/Classic	143	70.232	7.8	0.58
Roche Cobas 4000/e411	135	69.847	6.5	0.49
Beckman DxI 600 / 800	115	40.043	6.5	0.30
BioMerieux VIDAS	57	62.962	4.7	0.49
Roche Elecsys	37	72.456	5.8	0.87
Siemens/DPC Immulite 2000/2500	31	91.085	8.3	1.70
Diasorin Liaison	24	68.700	7.9	1.38
Beckman Access/LXi725	24	40.668	4.8	0.50
SNIBE Maglumi analysers	22	86.835	6.1	1.42
TOSOH	17	76.788	9.5	2.20
Ortho Vitros 3600/5600/ECi	18	66.249	4.6	0.90
Roche Modular E170	15	73.816	3.5	0.84
Fujirebio Lumipulse G Series	10	86.832	3.1	1.05
CIS, IRMA	11	65.259	6.7	1.64
Siemens Centaur CP	9	69.256	5.0	1.44
Siemens/DPC Immulite 1000	9	105.200	8.9	3.91
Siemens Dimension	6	67.450	5.6	1.93
Brahms Kryptor	3	75.783	3.9	2.12
ELISA	1	37.700	0.0	0.00

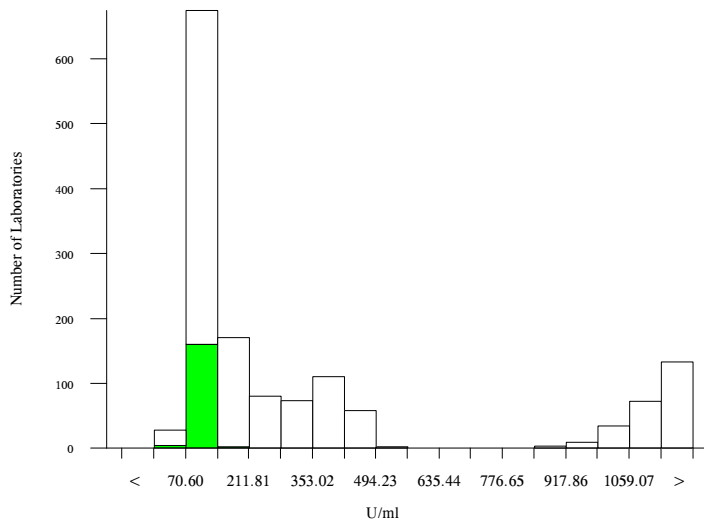


CA 19-9, U/ml

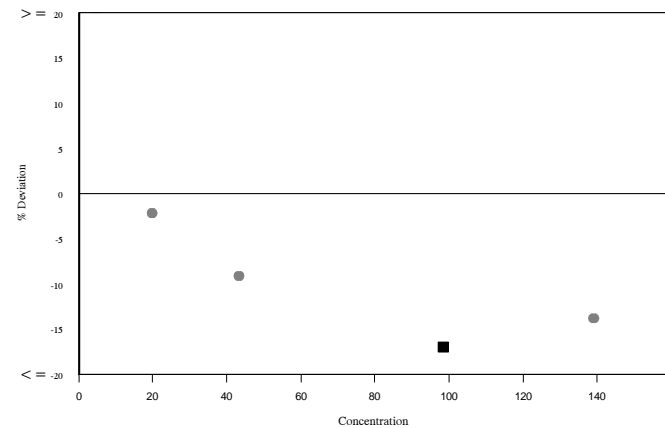
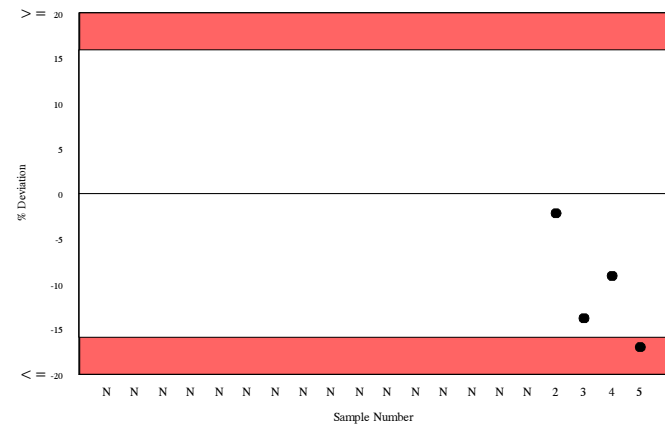
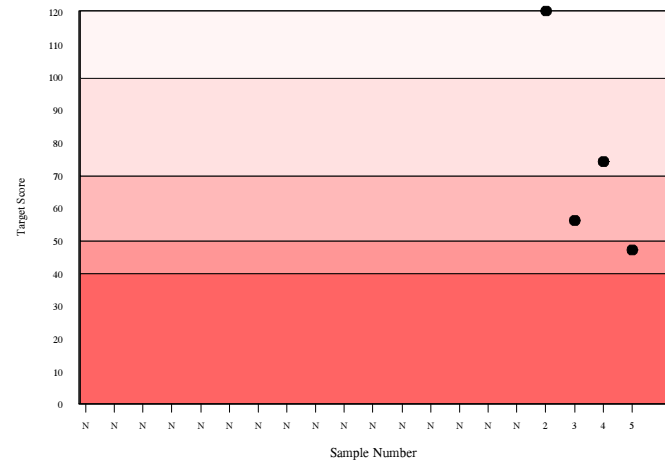
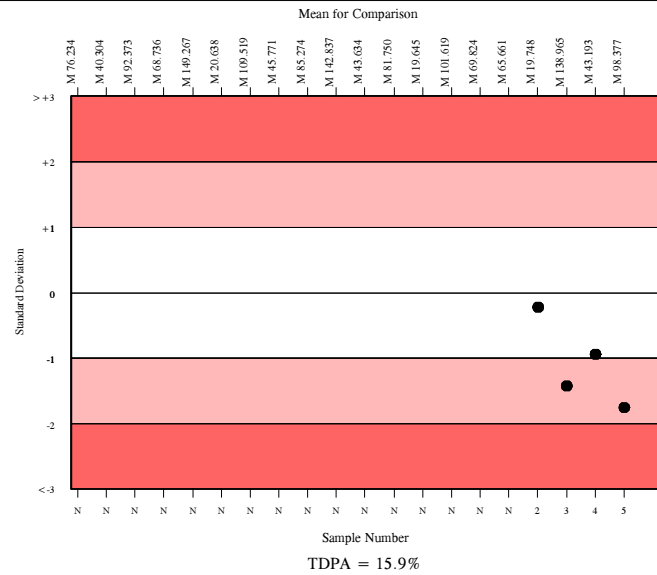
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1326	263.107	109.8	9.92	27.30a	125
Roche Cobas 4000/e411	148	98.377	7.5	0.76	9.51	18

▲ Your Result	81.670	SDI	-1.76
		RMSDI	Too Few
■ Mean for Comparison	98.377	TS	47
		RMTS	Too Few
		%DEV	-17.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	46.03%
Acceptable limits of performance for RIQAS	15.90%
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	316	95.788	4.5	0.30
Abbott Architect	152	1135.607	9.5	10.90
Roche Cobas 4000/e411	148	98.377	7.5	0.76
Siemens Centaur XP/XPT/Classic	146	412.509	6.0	2.55
Beckman DxI 600 / 800	128	144.086	7.2	1.14
Abbott Architect XR/ XR2 kit	83	1189.078	12.0	19.61
bioMerieux, VIDAS	69	298.440	6.5	2.90
Roche Elecsys	38	100.901	6.6	1.35
Siemens/DPC Immulite 2000/2500	33	157.818	6.9	2.38
Diasorin Liaison	26	228.858	15.2	8.50
SNIBE Maglumi analysers	22	143.386	3.7	1.42
Beckman Access/LXi725	25	158.314	11.0	4.34
TOSOH	22	74.056	5.1	1.01
Ortho Vitros 3600/5600/ECi	19	269.095	2.6	2.04
Roche Modular E170	21	95.134	4.6	1.18
Siemens Centaur CP	19	388.222	11.3	12.60
CIS, IRMA	15	65.333	15.2	3.20
Fujirebio Lumipulse G Series	11	232.945	3.2	2.83
Siemens/DPC Immulite 1000	10	148.040	31.6	18.48
Siemens Dimension	7	228.864	3.5	3.79
Brahms Kryptor	2	118.650	11.1	11.69

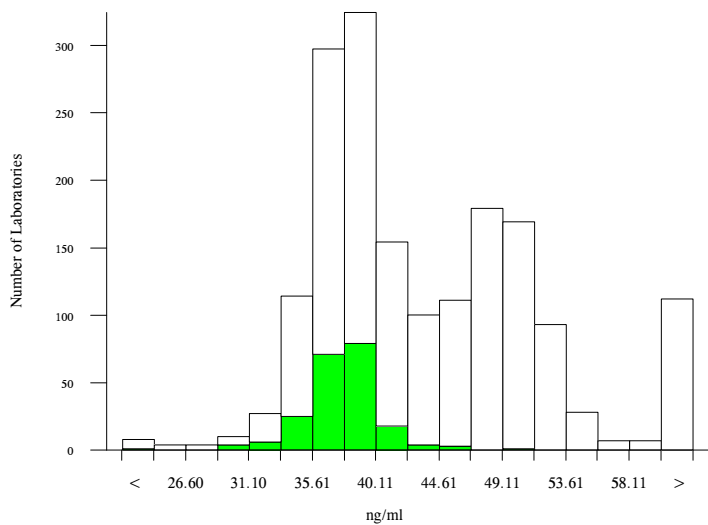


CEA, ng/ml

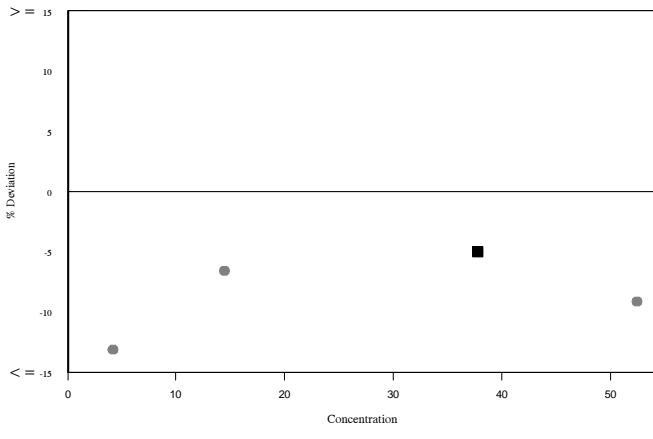
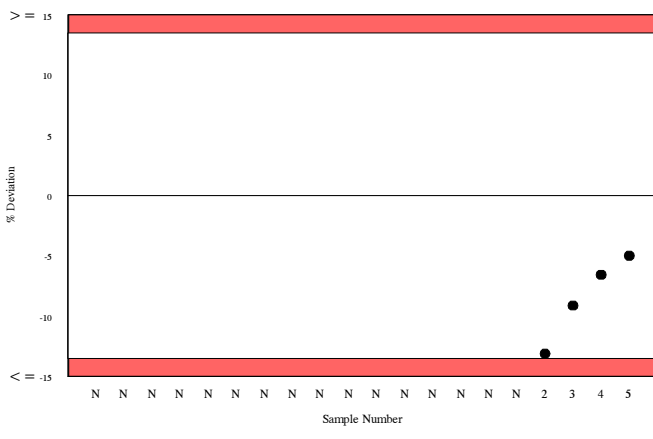
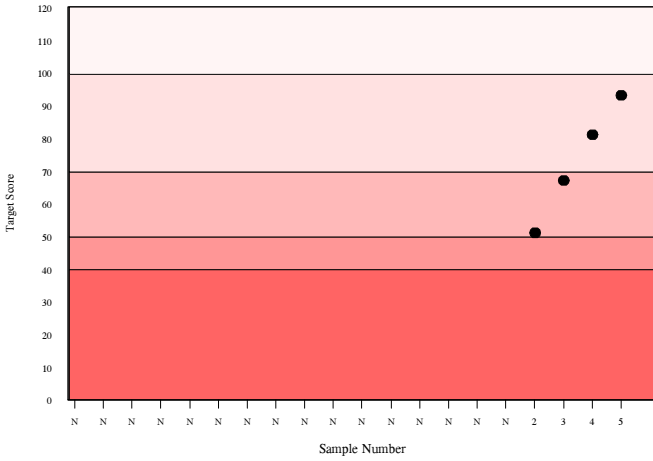
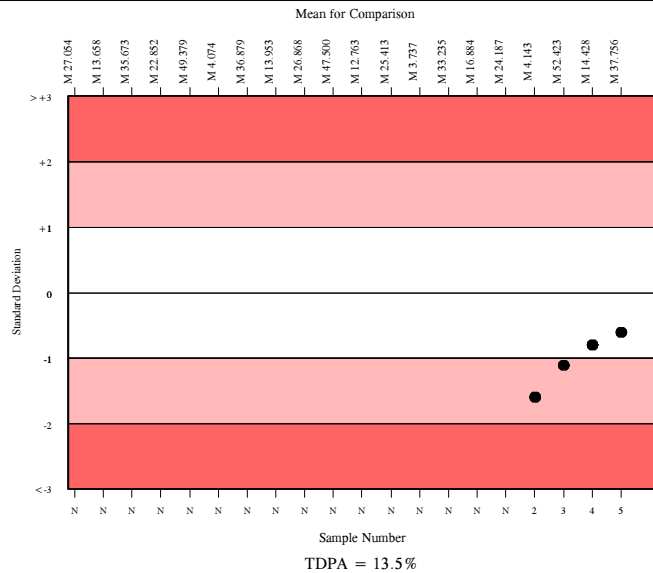
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1620	42.363	14.2	0.19	3.48	129
Roche Cobas 4000/e411	194	37.756	5.0	0.17	3.10	18

▲ Your Result	35.870	SDI	-0.61
		RMSDI	Too Few
■ Mean for Comparison	37.756	TS	93
		RMTS	Too Few
		%DEV	-5.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	24.7%
Acceptable limits of performance for RIQAS	13.50%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	371	37.709	4.3	0.10
Abbott Architect	311	49.320	4.8	0.17
Roche Cobas 4000/e411	194	37.756	5.0	0.17
Siemens Centaur XP/XPT/Classic	173	49.163	5.6	0.26
Beckman DxI 600 / 800	153	40.241	5.6	0.23
bioMerieux, VIDAS	61	43.794	6.6	0.46
Siemens/DPC Immulite 2000/2500	45	64.728	4.9	0.59
Roche Elecsys	45	37.848	5.5	0.39
Beckman Access/LXi725	40	42.805	7.2	0.61
Ortho Vitros 3600/5600/ECi	36	47.583	4.8	0.47
Diasorin Liaison	33	38.563	8.9	0.75
Tosoh	30	65.024	4.8	0.71
SNIBE Maglumi analysers	24	35.649	4.7	0.43
Roche Modular E170	23	36.274	3.7	0.35
Siemens Centaur CP	21	48.368	7.3	0.96
CIS, RIA Coated tube	18	33.236	5.5	0.54
Siemens/DPC Immulite 1000	17	63.771	6.8	1.31
Fujirebio Lumipulse G Series	16	67.588	5.1	1.07
Siemens Dimension	7	43.029	3.2	0.66
Abbott AxSYM	2	45.325	7.3	2.91

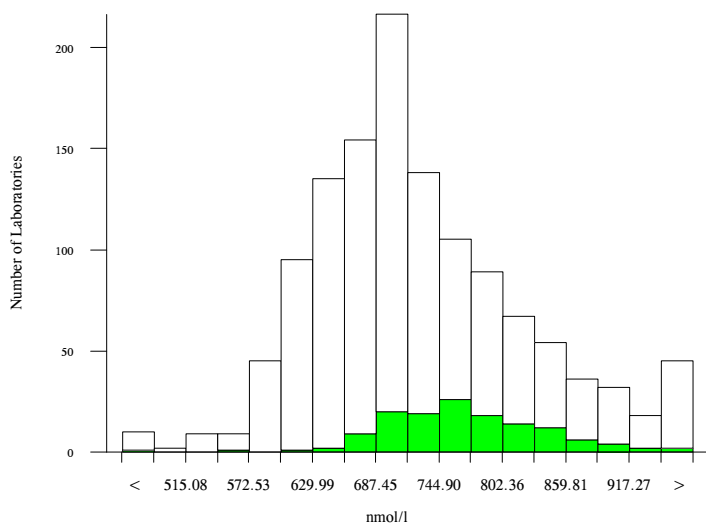


Cortisol, nmol/l

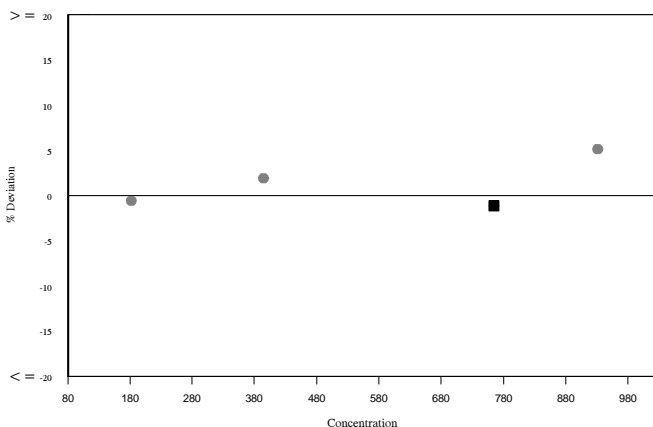
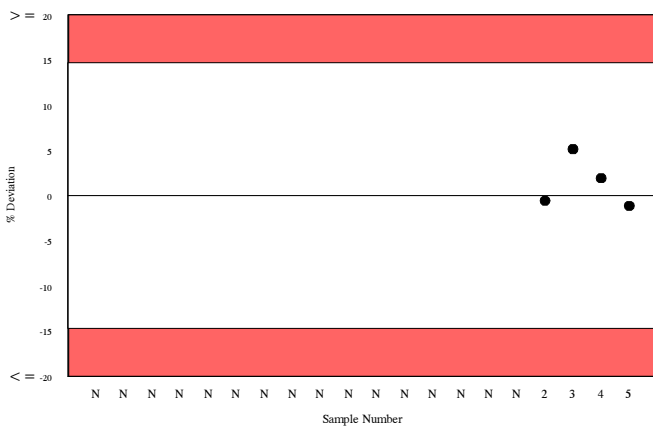
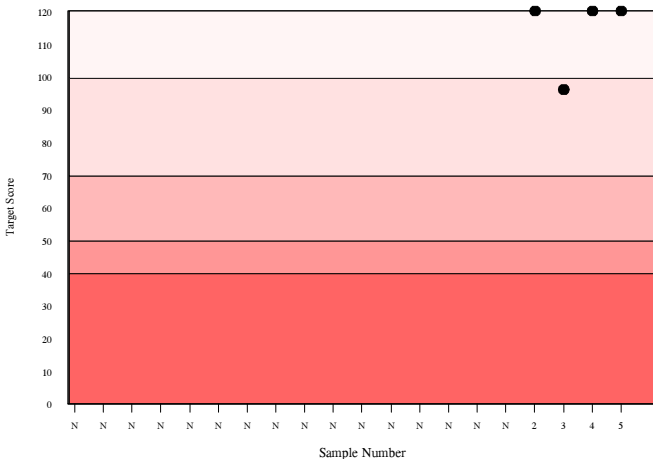
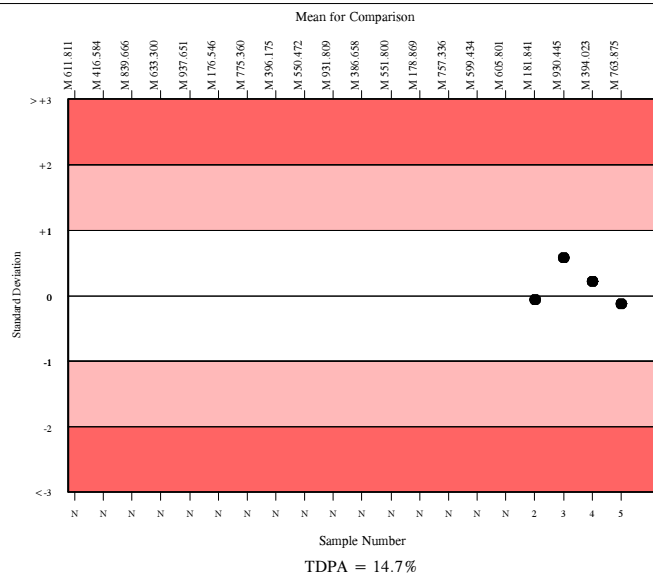
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1166	716.178	10.7	2.80	64.00	94
Roche Cobas 4000/e411	126	763.875	7.4	6.26	68.27	11

▲ Your Result	755.200	SDI	-0.13
		RMSDI	Too Few
■ Mean for Comparison	763.875	TS	120
		RMTS	Too Few
		%DEV	-1.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	22.8%
Acceptable limits of performance for RIQAS	14.70%



Method	N	Mean	CV%	U _m
Abbott Architect	211	628.992	4.5	2.46
Roche Cobas 6000/8000	165	729.325	7.9	5.60
Siemens Centaur XP/XPT/Classic	127	868.033	7.9	7.58
Roche Cobas 4000/e411	126	763.875	7.4	6.26
Roche Cobas 6000/8000 Gen II	103	691.378	3.7	3.16
Beckman Dxl 600 / 800	102	695.900	5.6	4.83
Siemens/DPC Immulite 2000/2500	66	727.448	7.1	7.96
Roche Elecsys	28	736.103	7.1	12.32
Roche Cobas 4000/e411 Gen II	28	750.351	4.1	7.24
Beckman Access/LXi725	25	701.257	6.5	11.35
Ortho Vitros 3600/5600/ECi	27	696.067	5.5	9.24
bioMerieux, VIDAS	23	660.954	8.1	14.02
Siemens/DPC Immulite 1000	19	771.510	8.2	18.05
SNIBE Maglumi analysers	16	756.874	4.0	9.53
Tosoh	17	743.794	6.0	13.48
Diasorin Liaison	13	812.645	8.2	23.24
Roche Modular E170	13	707.678	8.3	20.45
CIS, RIA	13	611.123	7.6	16.13
Roche Modular E170 Gen II	7	702.075	1.6	5.27
Siemens Centaur CP	6	916.614	8.8	41.12
Roche Elecsys Gen II	2	721.430	9.5	60.84

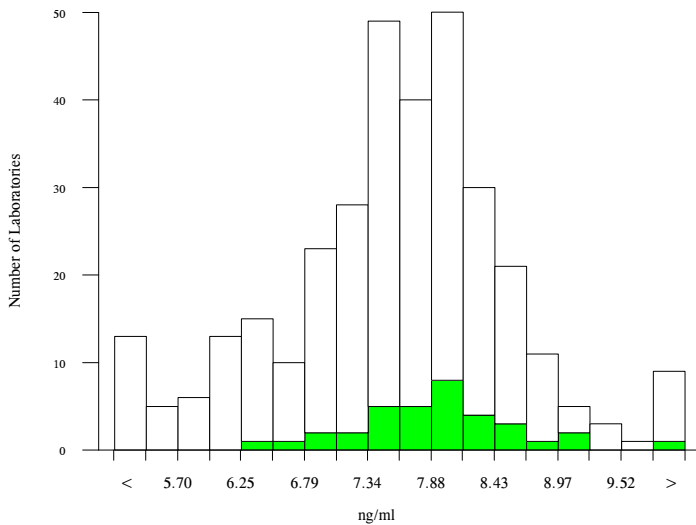


C-Peptide, ng/ml

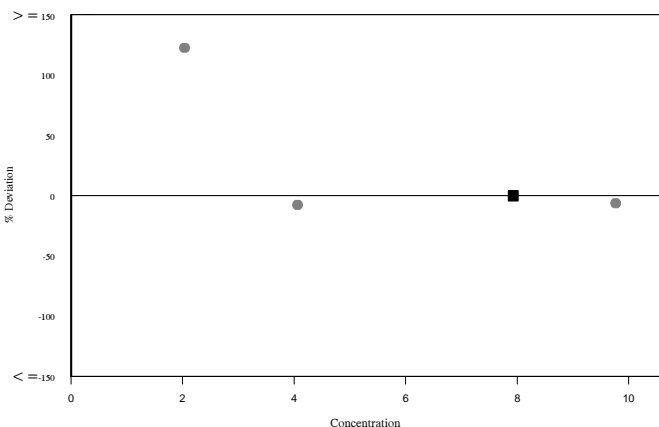
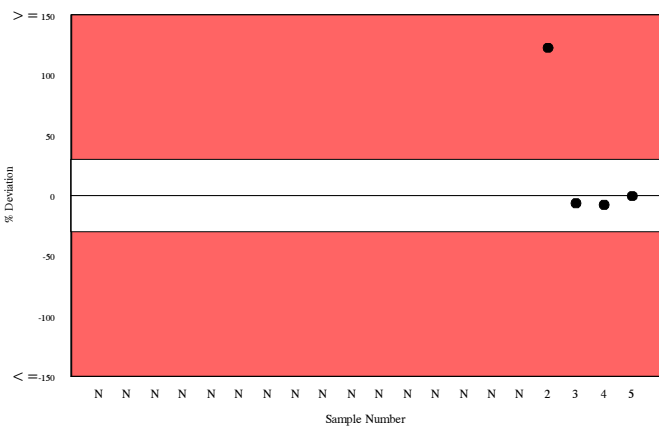
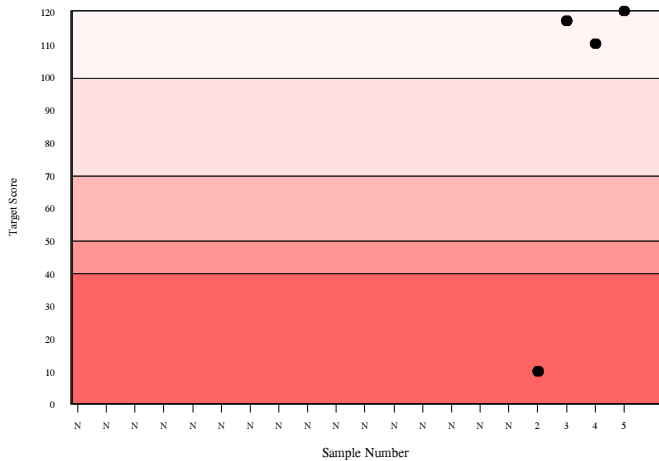
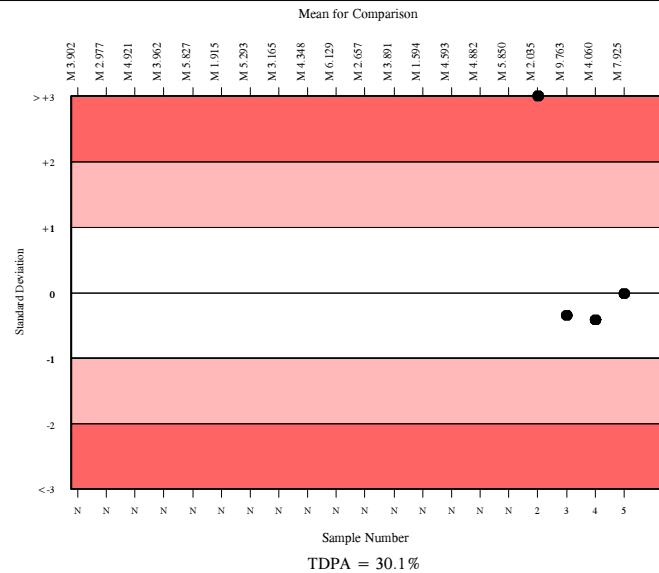
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	300	7.614	9.5	0.05	1.39	32
Roche Cobas 4000/e411	33	7.925	7.0	0.12	1.45	2

▲ Your Result	7.900	SDI	-0.02
		RMSDI	Too Few
■ Mean for Comparison	7.925	TS	120
		RMTS	Too Few
		%DEV	-0.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	20.8%
Acceptable limits of performance for RIQAS	30.10%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	62	7.906	5.4	0.07
Abbott Architect	44	7.273	4.7	0.06
Siemens/DPC Immulite 2000/2500	43	7.623	6.6	0.10
Siemens Centaur XP/XPT/Classic	33	6.147	7.5	0.10
Roche Cobas 4000/e411	33	7.925	7.0	0.12
SNIBE Maglumi analysers	19	8.288	4.7	0.11
TOSOH	16	7.764	6.2	0.15
Roche Elecsys	11	8.073	6.2	0.19
Diasorin Liaison	11	8.912	7.9	0.27
Siemens/DPC Immulite 1000	6	8.082	4.6	0.19
Roche Modular E170	6	7.773	1.8	0.07
DIAsource, RIA	3	5.057	12.4	0.45
ELISA	3	6.327	19.0	0.87
Fujirebio Lumipulse G Series	3	7.873	1.0	0.05
DRG ELISA	2	10.405	28.2	2.59
Monobind Inc. ELISA / CLIA	2	5.825	61.1	3.14

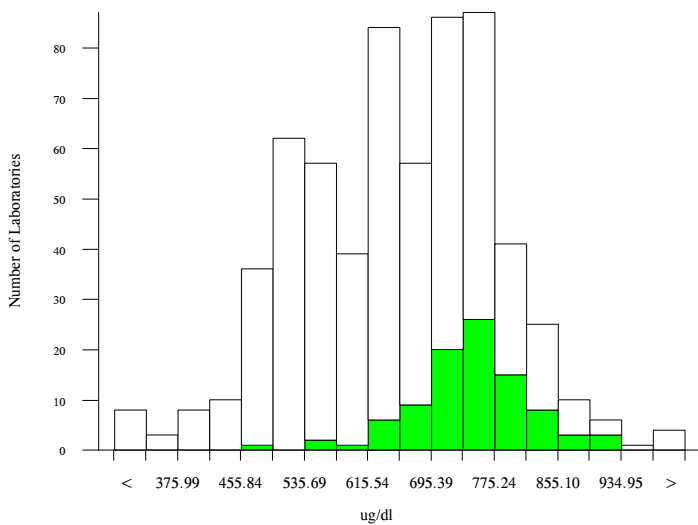


DHEA-S, ug/dl

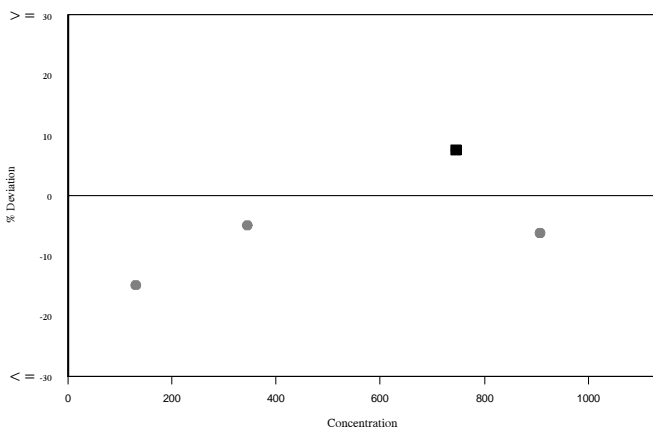
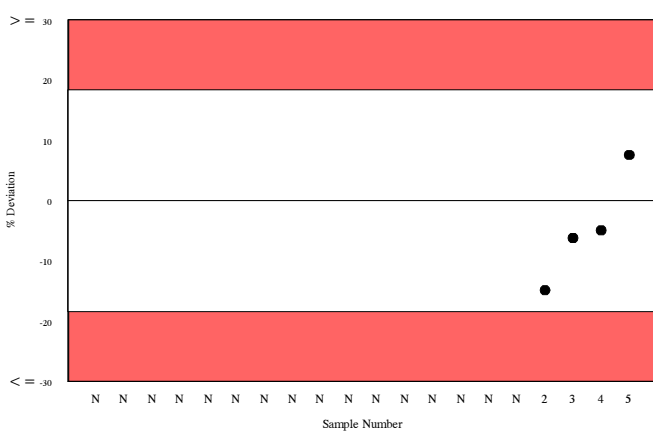
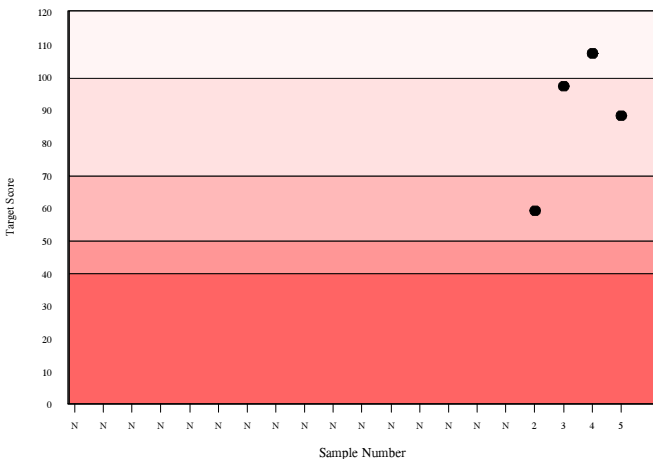
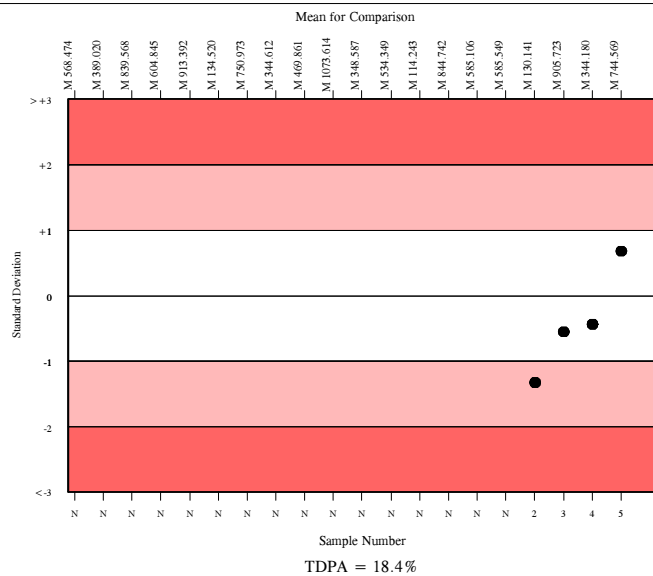
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	592	655.472	16.2	5.47	73.32	32
Roche Cobas 4000/e411	85	744.569	7.3	7.38	83.29	9

▲ Your Result	801.000	SDI	0.68
		RMSDI	Too Few
■ Mean for Comparison	744.569	TS	88
		RMTS	Too Few
		%DEV	7.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	10.9%
Acceptable limits of performance for RIQAS	18.40%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	130	747.851	5.4	4.45
Abbott Architect	98	647.756	5.7	4.68
Roche Cobas 4000/e411	85	744.569	7.3	7.38
Siemens/DPC Immulite 2000/2500	74	548.919	8.4	6.66
Beckman DxI 600 / 800	36	515.480	5.3	5.72
Siemens Centaur XP/XPT/Classic	25	495.983	5.5	6.79
Roche Elecsys	24	734.945	10.0	18.74
Siemens/DPC Immulite 1000	21	534.546	9.6	13.94
TOSOH	14	648.872	7.1	15.40
SNIBE Maglumi analysers	11	656.850	2.4	5.97
Diasorin Liaison	12	476.353	17.2	29.56
Roche Modular E170	13	751.302	6.9	18.08
Beckman Access/LXi725	8	523.784	8.6	19.95
Immunotech RIA	6	558.920	25.3	72.22
ELISA	5	858.121	15.5	74.34
Siemens Centaur CP	3	430.970	31.3	97.24

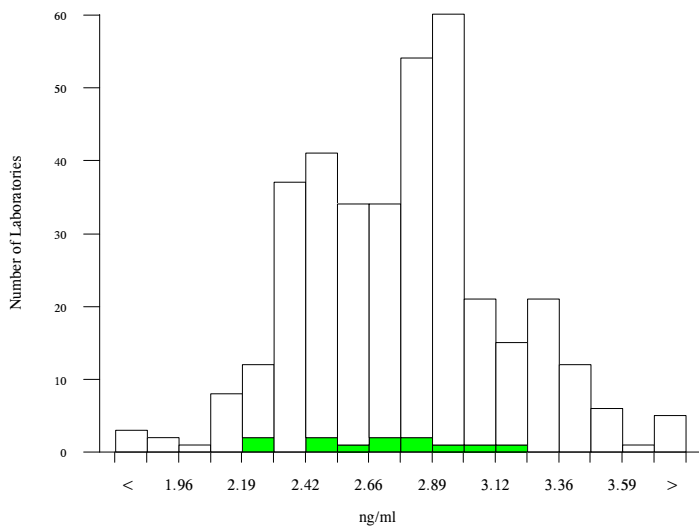


Digoxin, ng/ml

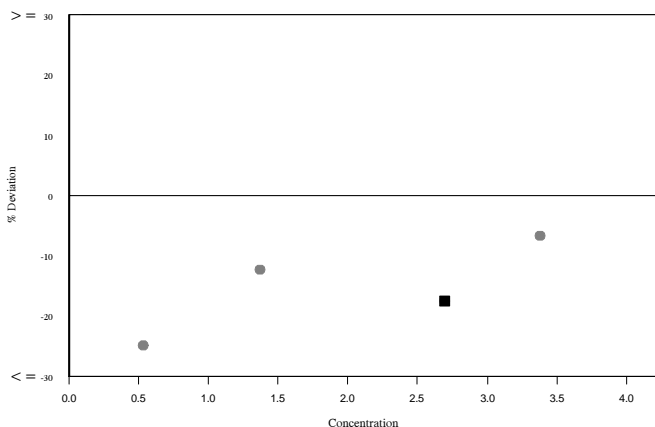
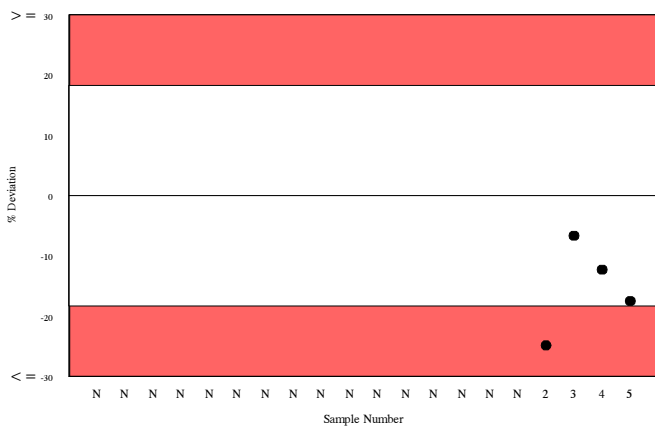
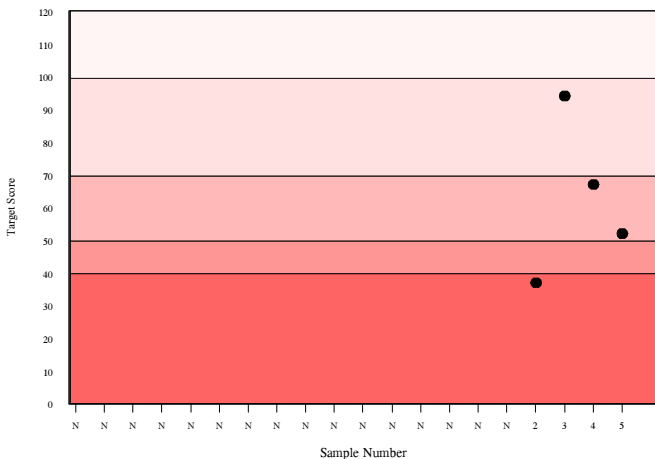
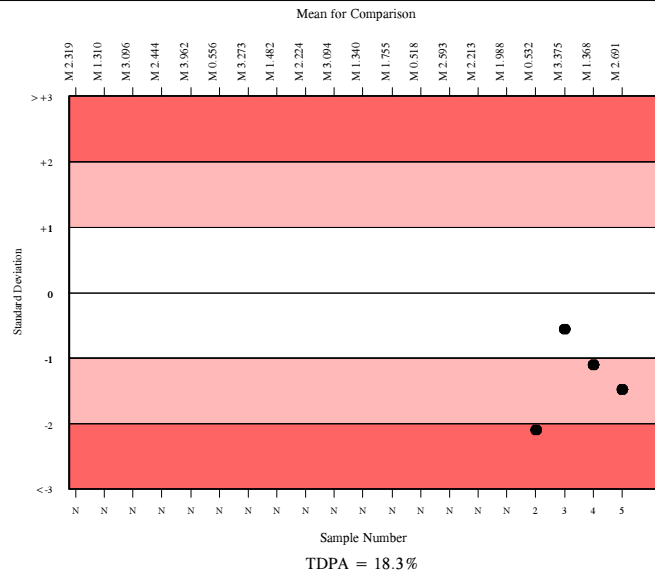
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	346	2.779	11.2	0.02	0.31	21
bioMerieux, VIDAS	12	2.691	11.0	0.11	0.32a	0

▲ Your Result	2.220	SDI	-1.48
		RMSDI	Too Few
■ Mean for Comparison	2.691	TS	52
		RMTS	Too Few
		%DEV	-17.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	18.30%



Method	N	Mean	CV%	U _m
Abbott Architect (CMIA)	83	2.440	4.3	0.01
Roche Cobas E601/602	33	2.887	7.5	0.05
Siemens Centaur XP/XPT/Classic	29	3.132	5.7	0.04
Roche Cobas C501/502/701	29	2.787	4.4	0.03
Abbott Architect (PETINIA)	17	2.598	13.0	0.10
Siemens Dimension	14	2.899	3.5	0.03
Beckman Dxi 600 / 800	16	2.831	8.4	0.07
Beckman AU400/600/640/2700/5400	11	2.876	2.8	0.03
bioMerieux, VIDAS	12	2.691	11.0	0.11
Roche Integra	11	2.835	3.8	0.04
Roche Cobas 4000/e411	11	3.106	6.8	0.08
SNIBE Maglumi analysers	10	3.334	1.7	0.02
Beckman DxC	8	2.576	7.2	0.08
Roche Elecsys	7	2.890	6.0	0.08
Vitros	8	2.682	7.2	0.09
Siemens ADVIA 1200/1650/1800/2400	7	2.854	7.8	0.11
Siemens/DPC Immulite 2000/2500	7	3.237	5.8	0.09
Roche Cobas 4000/c311	6	2.800	8.7	0.12
Siemens/DPC Immulite 1000	4	3.758	19.0	0.45
Siemens Centaur CP	3	3.097	2.4	0.05
Beckman Access/LXi725	3	2.857	2.0	0.04



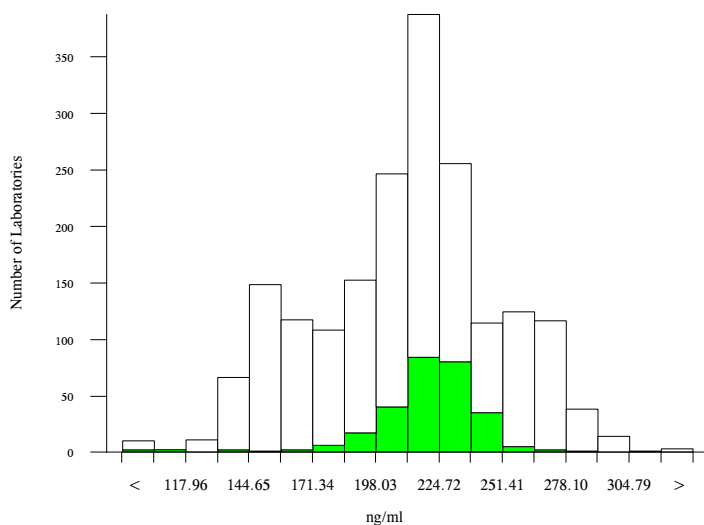
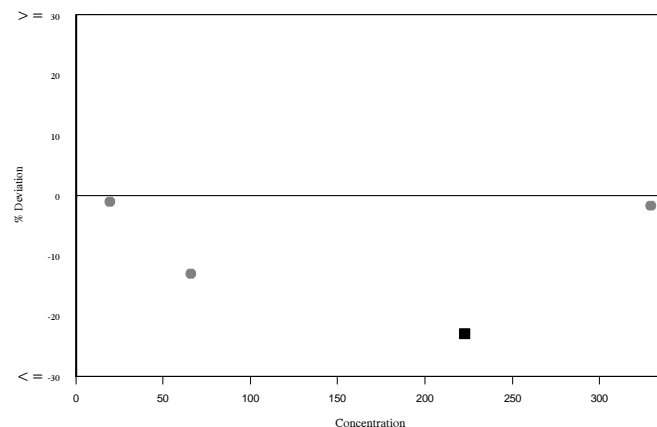
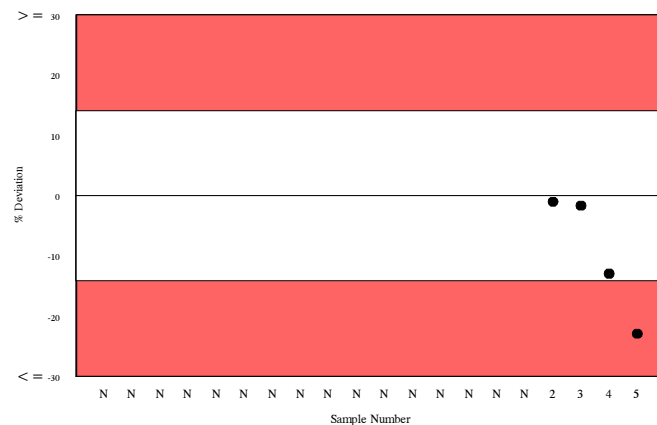
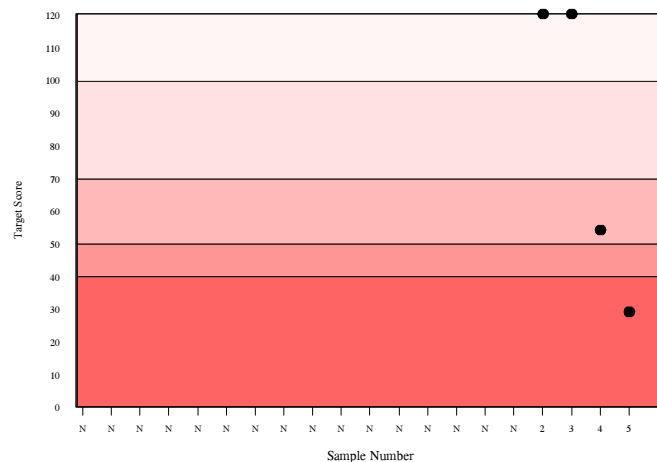
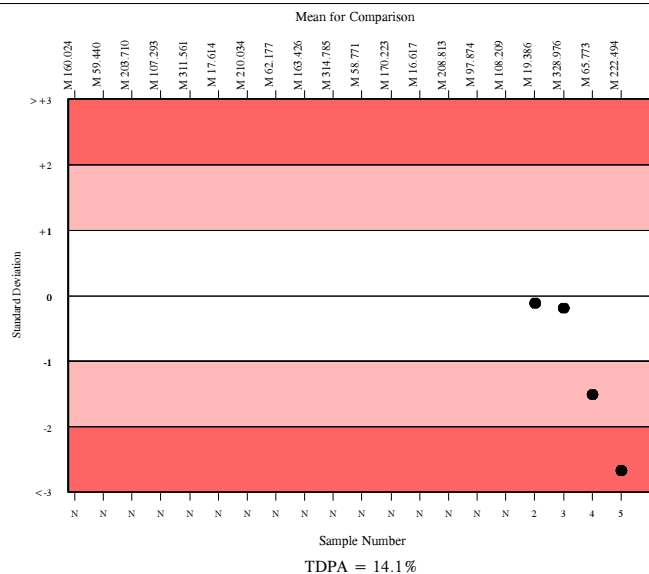
RIQAS

Ferritin, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1850	211.382	16.8	1.03	18.12	64
Roche Elecsys / Cobas e411	254	222.494	6.3	1.10	19.07	25

▲ Your Result	171.500	SDI	-2.67
		RMSDI	Too Few
■ Mean for Comparison	222.494	TS	29
		RMTS	Too Few
		%DEV	-22.9
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	16.9%
Acceptable limits of performance for RIQAS	14.10%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Roche Modular E170 / Cobas e601/e602	378	220.130	4.0	0.56
Abbott Architect Chemiluminescence	297	265.420	4.6	0.88
Roche Elecsys / Cobas e411	254	222.494	6.3	1.10
Siemens Centaur XP/XPT/Classic	191	213.421	5.9	1.15
Beckman DxI 600 / 800	155	153.978	5.8	0.90
Beckman Access/LXi725	52	155.968	5.8	1.57
bioMerieux, VIDAS	53	183.487	10.3	3.26
Roche Cobas C501/502/701	50	197.707	11.1	3.90
Siemens/DPC Immulite 2000/2500	42	197.627	4.6	1.75
Ortho Vitros 3600/5600/ECi	41	142.358	4.5	1.24
Diasorin Liaison	38	223.141	7.6	3.46
Tosoh	29	155.814	6.5	2.34
Siemens Centaur CP	25	194.742	4.1	2.01
Beckman AU400/600/640/2700/5400	23	185.942	3.0	1.47
Roche Cobas 4000/c311	24	217.763	12.7	7.08
Siemens Dimension	22	199.853	4.1	2.19
SNIBE Maglumi analysers	19	183.091	5.1	2.69
Siemens/DPC Immulite 1000	18	179.301	4.5	2.39
Roche Integra	12	215.656	5.4	4.24
Fujirebio Lumipulse G Series	9	128.922	3.1	1.69
Abbott Architect Quantia	6	208.522	19.7	20.95



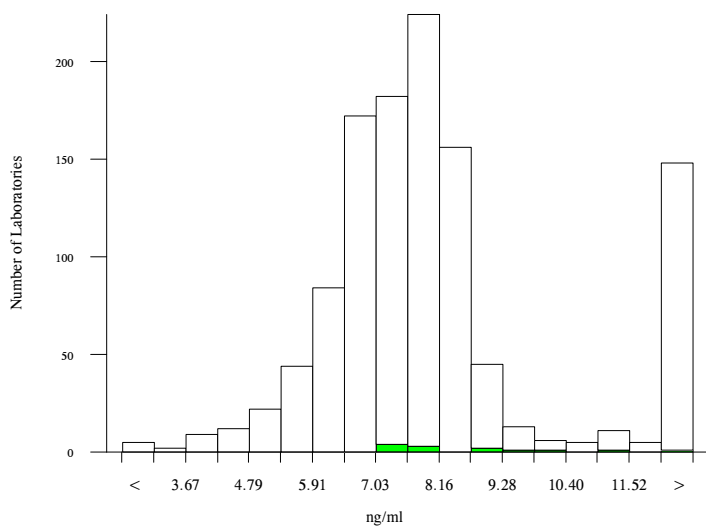
RIQAS

Folate, ng/ml

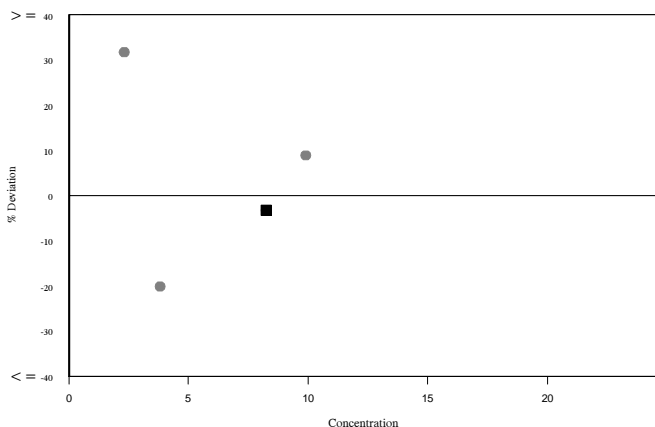
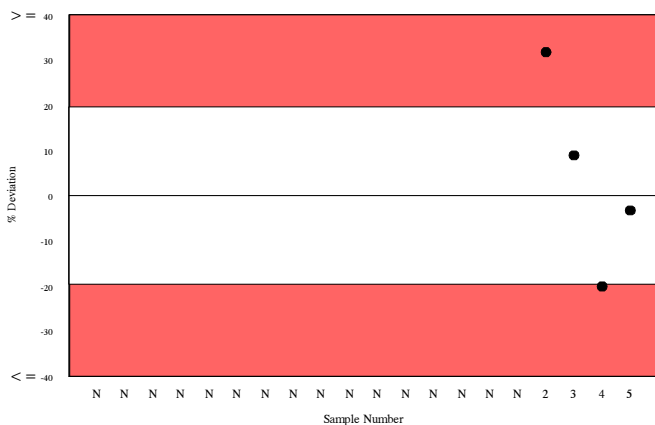
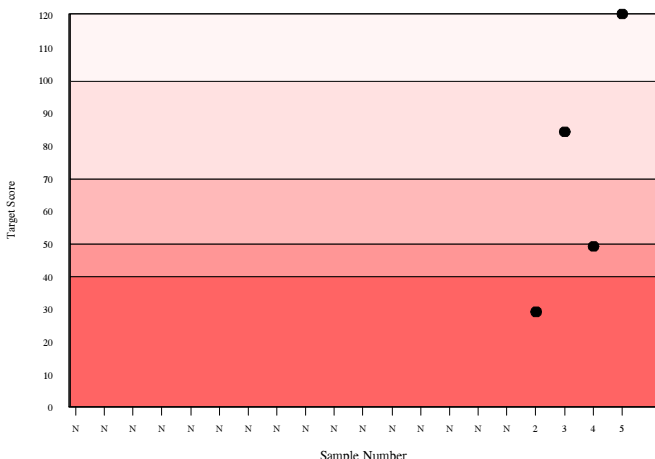
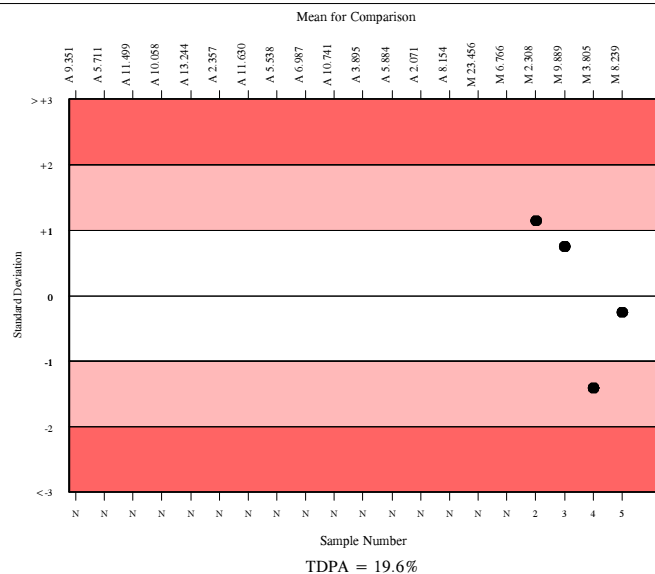
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1023	7.600	19.7	0.06	0.91	123
Roche Folate III - 04476433	11	8.239	12.0	0.37	1.05a	2

▲ Your Result	7.970	SDI	-0.26
		RMSDI	Too Few
■ Mean for Comparison	8.239	TS	120
		RMTS	Too Few
		%DEV	-3.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	39%
Acceptable limits of performance for RIQAS	19.60%



Method	N	Mean	CV%	U _m
Abbott Architect	217	6.634	6.7	0.04
Siemens Centaur XP/XPT/Classic(enhanced)	135	14.684	12.5	0.20
Roche Cobas 6000/8000	112	7.906	6.8	0.06
Roche Cobas 6000/8000 Folate III	102	7.766	5.6	0.05
Roche Cobas 4000/e411	82	7.548	13.4	0.14
Beckman DxI 600 / 800 - A98032	73	8.076	4.4	0.05
Roche Folate III - 07559992	62	7.826	7.1	0.09
Beckman DxI 600 / 800 - A14208	60	8.024	5.6	0.07
Siemens/DPC Immulite 2000	37	5.810	10.8	0.13
Roche cobas 4000/e411 Folate III	37	7.547	8.6	0.13
Beckman Access/LXi725	29	8.122	6.2	0.12
Ortho Vitros 3600/5600/ECi	18	4.954	8.1	0.12
Roche Elecsys	16	7.419	8.7	0.20
Roche Folate III - 04476433	11	8.239	12.0	0.37
SNIBE Maglumi Analyser	10	8.264	1.7	0.05
Roche Modular E170	8	7.486	4.2	0.14
TOSOH	8	10.860	8.8	0.42
Siemens Dimension	6	4.270	4.7	0.10
Roche Modular E170 Folate III	8	7.508	5.5	0.18
Siemens Centaur CP (enhanced kit)	7	17.064	16.8	1.35
MP Biomedicals RIA	6	5.957	5.8	0.18

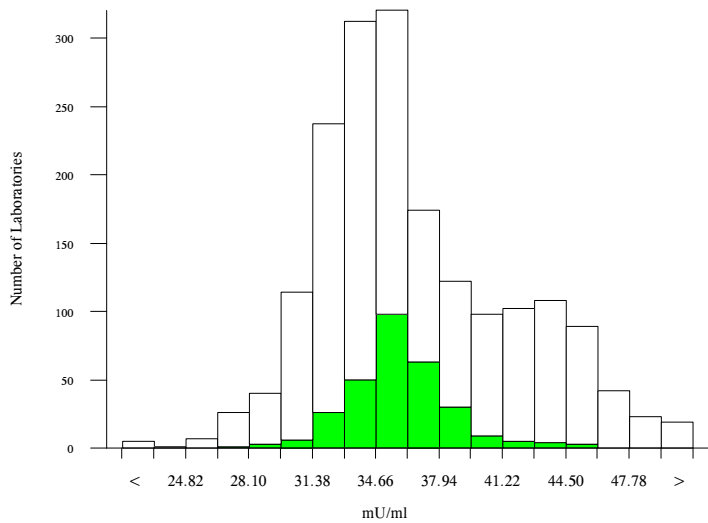


FSH, mU/ml

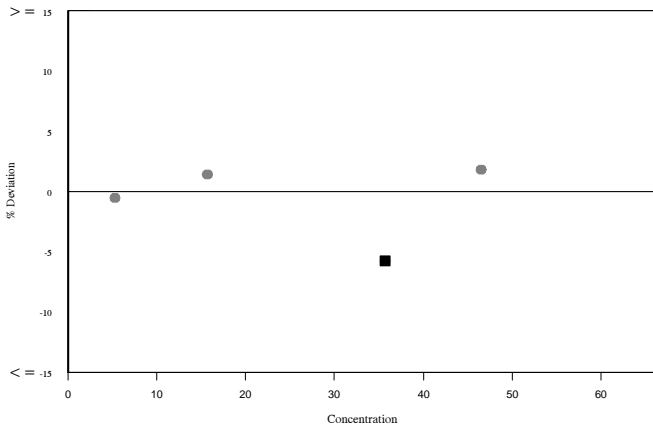
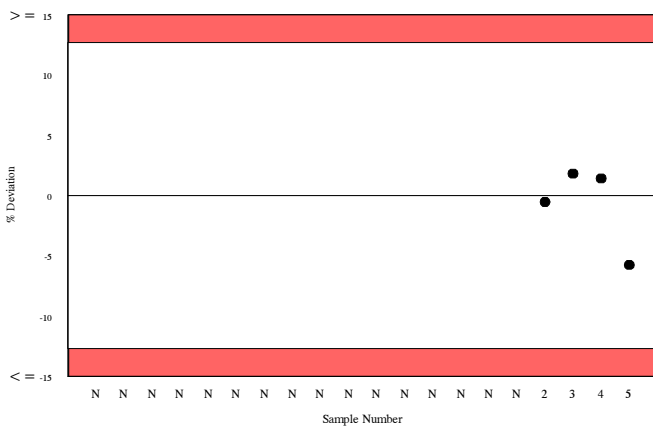
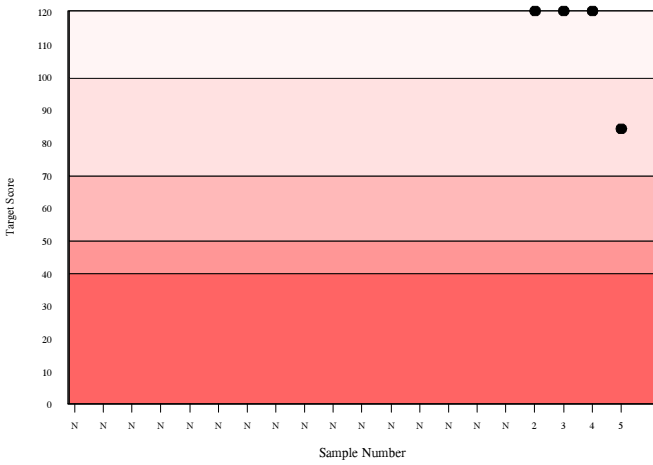
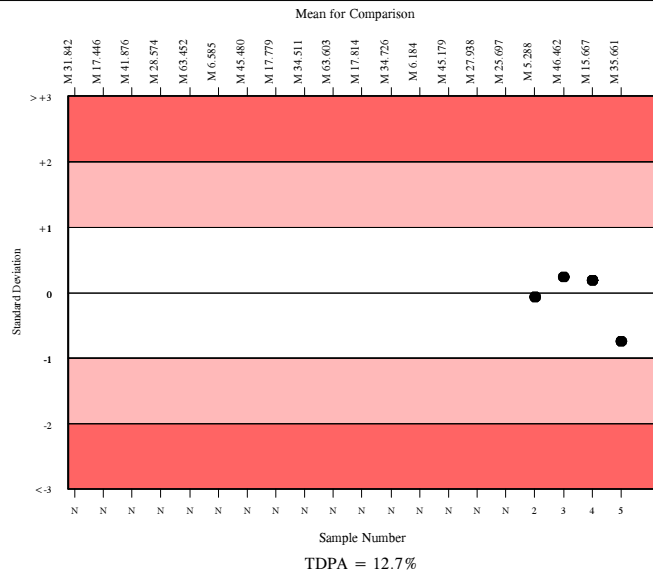
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1745	36.304	12.0	0.13	2.80	94
Roche Cobas 4000/e411	275	35.661	5.5	0.15	2.75	23

▲ Your Result	33.610	SDI RMSDI	-0.74 Too Few
■ Mean for Comparison	35.661	TS RMTS	84 Too Few
		%DEV RM%DEV	-5.8 Too Few

Acceptable limits derived from Biological Variation	21.19%
Acceptable limits of performance for RIQAS	12.70%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	356	34.589	4.1	0.09
Abbott Architect	286	32.194	4.2	0.10
Roche Cobas 4000/e411	275	35.661	5.5	0.15
Siemens Centaur XP/XPT/Classic	171	44.372	4.7	0.20
Beckman DxI 600/800	144	40.141	6.7	0.28
bioMerieux, VIDAS	87	43.492	6.5	0.38
Siemens/DPC Immulite 2000/2500	56	34.688	5.6	0.33
Roche Elecsys	56	35.876	7.0	0.42
Beckman Access/LXi725	47	39.030	7.1	0.51
Ortho Vitros 3600/5600/ECi	40	27.730	4.0	0.22
Tosoh	38	39.289	7.5	0.59
Diasorin Liaison	30	46.641	9.7	1.04
Siemens/DPC Immulite 1000	25	33.484	4.3	0.36
SNIBE Maglumi analysers	24	41.187	6.1	0.64
Siemens Centaur CP	23	37.758	5.4	0.53
Roche Modular E170	22	33.797	3.7	0.33
Fujirebio Lumipulse G Series	10	30.700	2.6	0.31
DIAsource, IRMA	4	33.198	9.1	1.88
Immunotech IRMA	3	30.533	9.4	2.07
Siemens Dimension	2	32.935	2.6	0.77



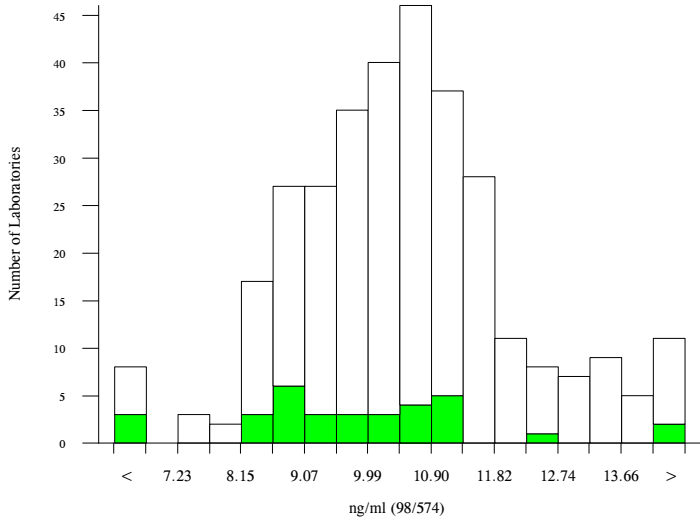
RIQAS

GH, ng/ml (98/574)

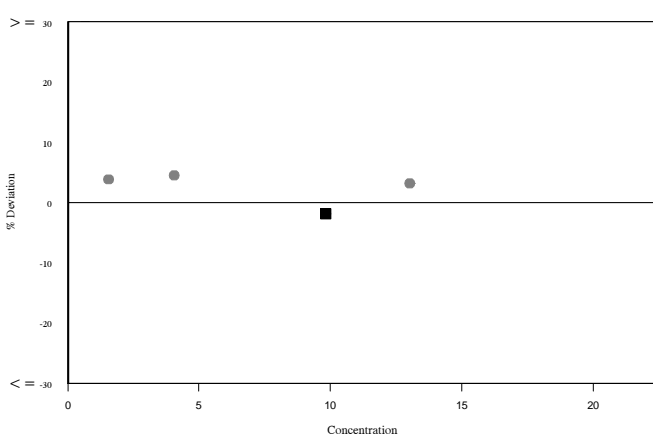
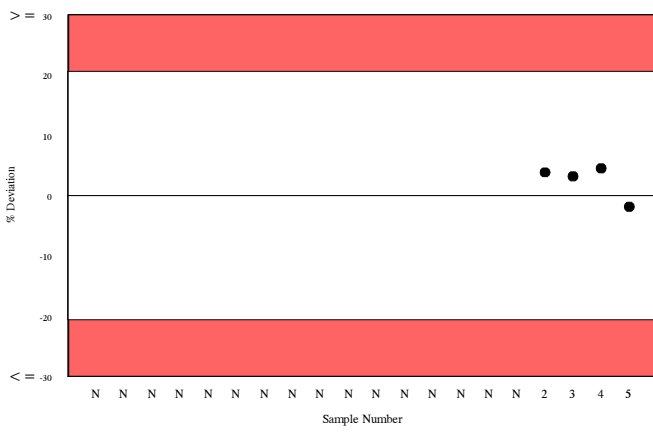
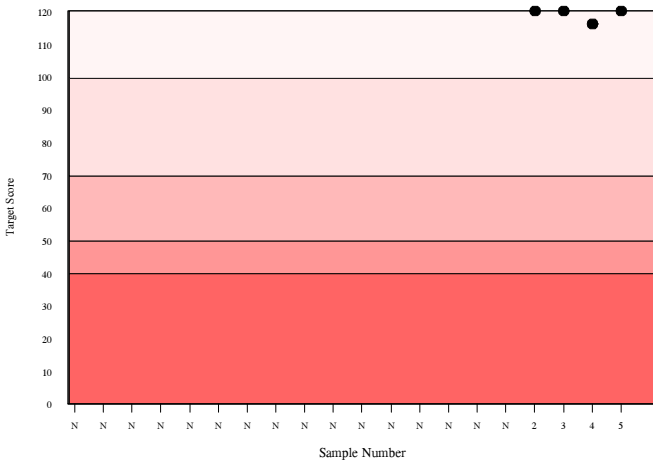
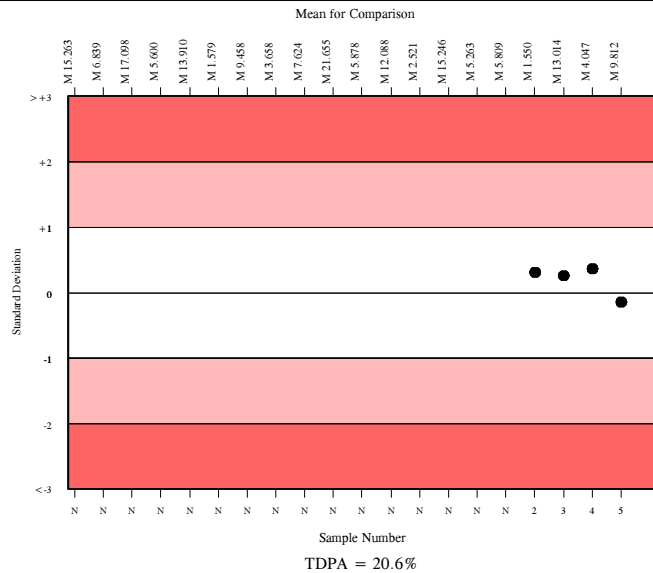
	N	Mean	CV%	U _m	SDPA	Exc.
□ All Methods	293	10.451	11.7	0.09	1.31	28
■ Roche Cobas 4000/e411	27	9.812	9.8	0.23	1.23	6

▲ Your Result	9.630	SDI RMSDI	-0.15 Too Few
■ Mean for Comparison	9.812	TS RMTS	120 Too Few
		%DEV RM%DEV	-1.9 Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	20.60%



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	97	11.104	5.7	0.08
Roche Cobas 6000/8000	35	9.583	7.4	0.15
Roche Cobas 4000/e411	27	9.812	9.8	0.23
Siemens/DPC Immulite 1000	27	10.286	6.0	0.15
Diasorin Liaison	22	9.490	7.8	0.20
Beckman Dxi 600 / 800	20	9.052	6.2	0.16
SNIBE Maglumi analysers	15	13.613	5.9	0.26
Beckman Access/LXi725	13	9.373	7.2	0.23
Tosoh	9	12.076	7.9	0.40
IDS iSYS	7	10.615	4.8	0.24
CIS, IRMA	4	10.774	4.5	0.30
ELISA	2	11.300	17.5	1.75
Roche Elecsys	3	9.373	15.2	1.03
Roche Modular E170	2	9.715	11.4	0.98

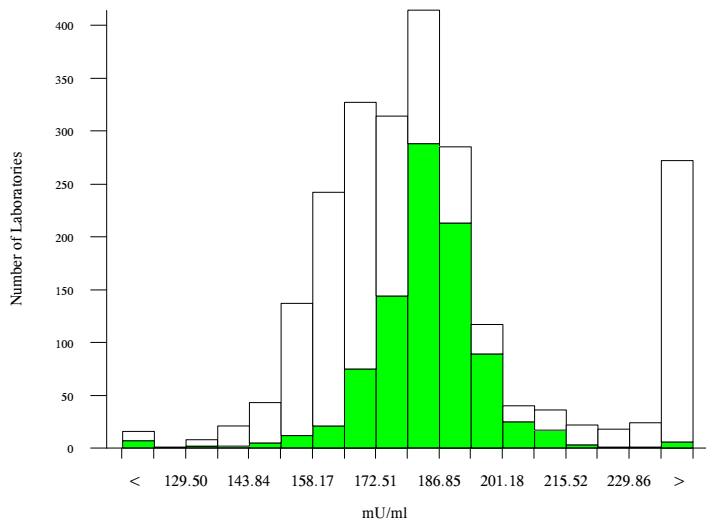


hCG, mU/ml

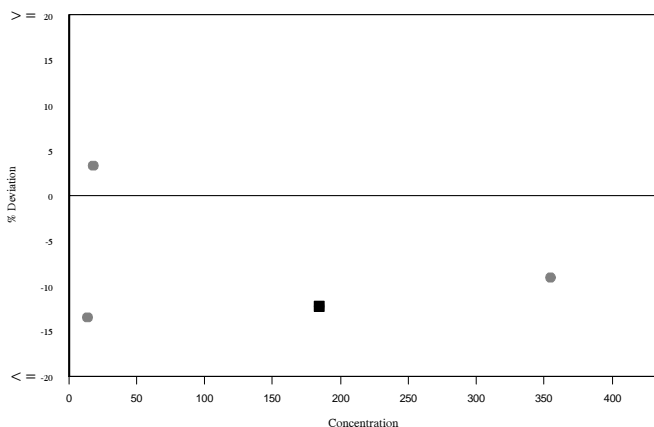
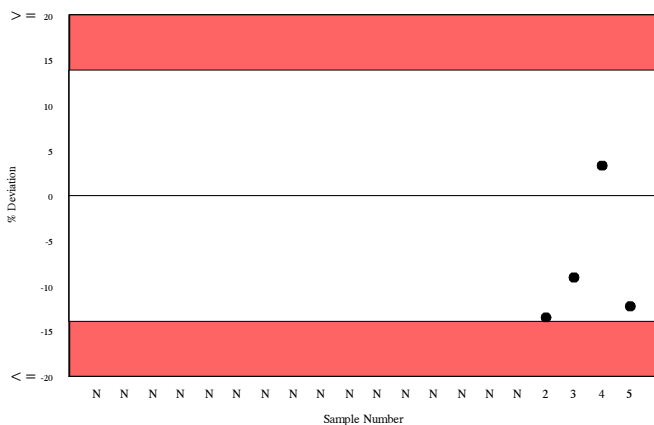
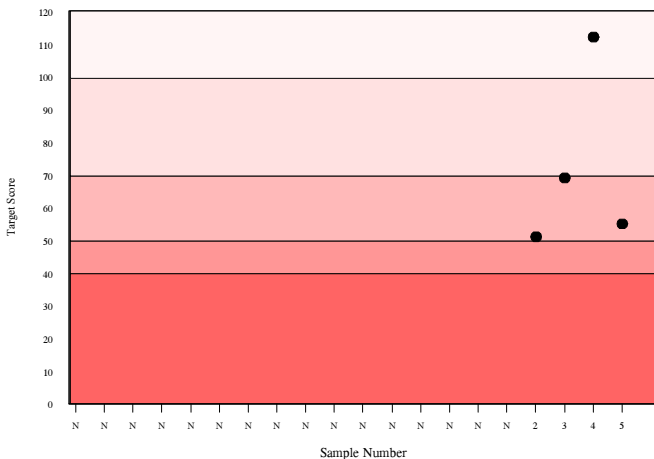
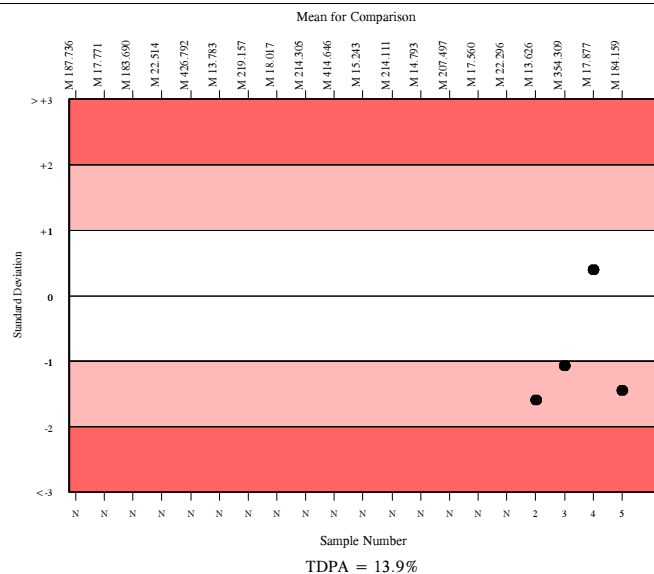
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2100	179.684	10.6	0.52	15.18	238
Roche hCG + Beta	838	184.159	4.7	0.37	15.56	73

▲ Your Result	161.600	SDI	-1.45
		RMSDI	Too Few
■ Mean for Comparison	184.159	TS	55
		RMTS	Too Few
		%DEV	-12.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.90%



Method	N	Mean	CV%	U _m
Roche hCG+Beta	838	184.159	4.7	0.37
Abbott Architect	378	162.227	4.3	0.45
Siemens Centaur XP/XPT/Classic	195	170.781	4.1	0.62
Beckman DxI 600 / 800	119	179.215	5.0	1.02
bioMerieux, VIDAS	105	245.935	9.3	2.79
Siemens/DPC Immulite 2000	61	296.345	5.6	2.64
Roche hCG STAT(Intact)	60	184.028	3.9	1.17
Ortho Vitros 3600/5600/ECi	54	250.104	3.9	1.64
Beckman Access/LX1725	50	172.356	6.9	2.09
Siemens Centaur CP	47	169.901	5.2	1.62
Beckman Access Total BhCG (5th IS)	38	174.483	5.4	1.91
Beckman DXI Total BhCG (5th IS)	34	184.849	5.7	2.25
Siemens/DPC Immulite 1000	28	289.411	9.3	6.38
Diasorin Liaison	29	159.417	10.3	3.81
SNIBE Maglumi analysers	22	214.487	5.4	3.08
Tosoh	19	251.411	3.3	2.39
Siemens Dimension	17	239.315	2.9	2.13
Roche Cobas Core EIA	15	192.100	7.1	4.43
Fujirebio Lumipulse G Series	13	153.092	6.3	3.32
Radiometer AQT90 Flex	8	166.125	6.7	4.92
Siemens Stratus CS	3	217.467	1.6	2.53



RIQAS



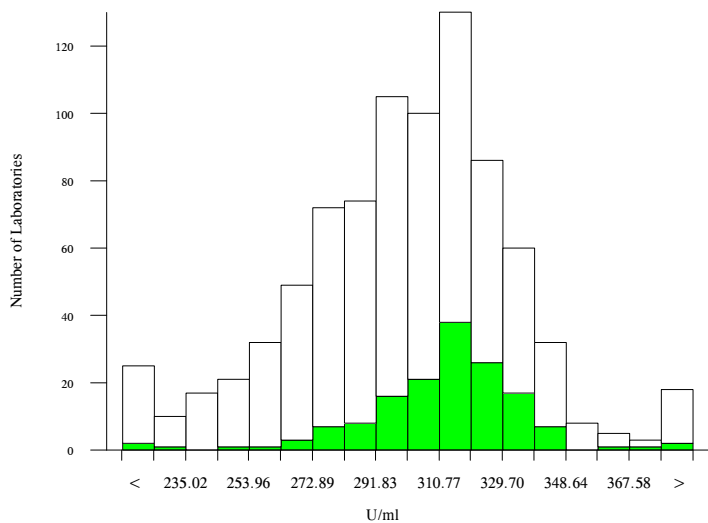
0010

IgE, U/ml

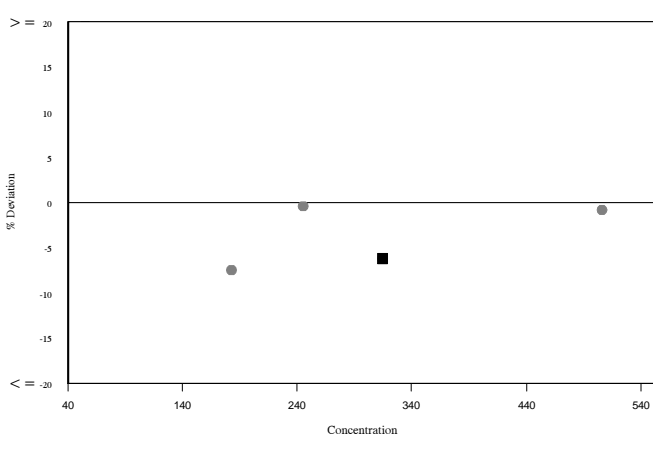
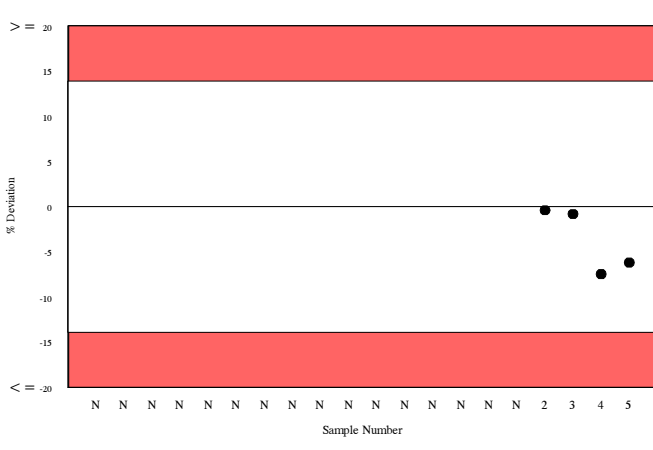
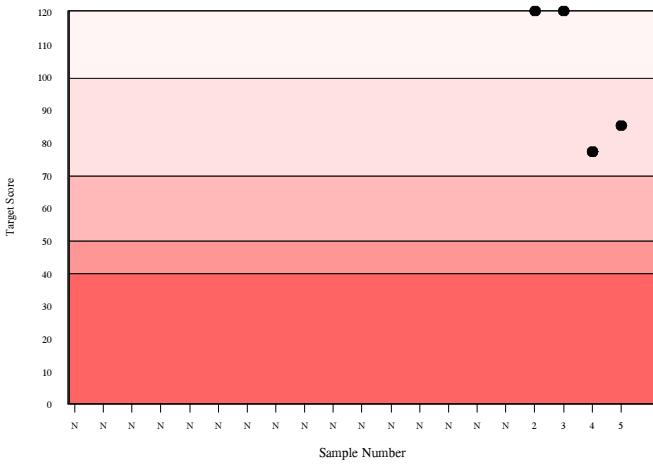
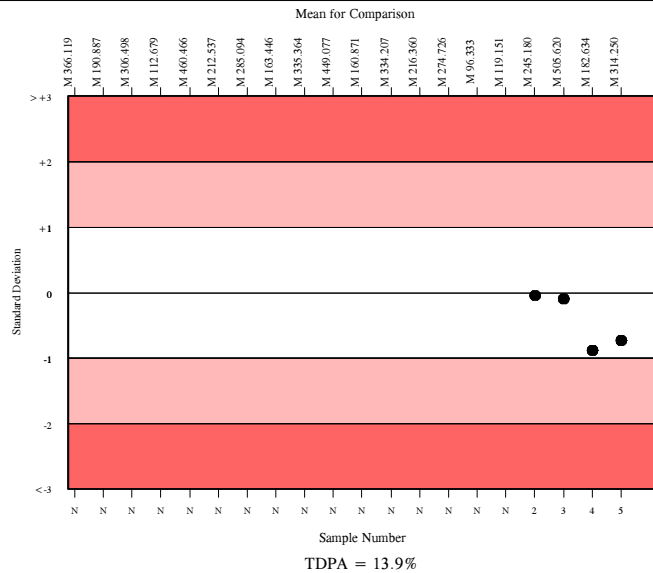
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	783	301.303	8.4	1.13	25.46	64
Roche Cobas 4000/e411	139	314.250	5.0	1.68	26.56	13

▲ Your Result	294.800	SDI	-0.73
		RMSDI	Too Few
■ Mean for Comparison	314.250	TS	85
		RMTS	Too Few
		%DEV	-6.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.90%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	166	318.999	4.1	1.28
Roche Cobas 4000/e411	139	314.250	5.0	1.68
Siemens/DPC Immulite 2000/2500	89	305.398	8.1	3.28
Siemens Centaur XP/XPT/Classic	81	287.404	5.7	2.27
bioMérieux, VIDAS	48	267.439	9.0	4.35
Abbott Architect	43	292.021	4.7	2.62
Beckman Dxi 600 / 800	29	279.342	6.1	3.98
TOSOH	27	288.362	5.4	3.72
Siemens/DPC Immulite 1000	20	317.825	8.3	7.33
Roche Elecsys	21	316.671	5.7	4.92
Phadia ImmunoCAP instruments	20	272.350	5.9	4.51
Roche Modular E170	13	310.296	4.1	4.42
SNIBE Maglumi analysers	14	233.444	9.8	7.67
Siemens Centaur CP	13	299.269	7.8	8.10
Fujirebio Lumipulse G Series	7	255.149	5.3	6.45
Beckman Access/LXi725	8	272.589	15.5	18.67
Biomed	5	295.724	9.2	15.16
Siemens/Dade Behring Nephelometer	4	306.750	7.3	13.93
Randox RX series Instruments	5	269.200	10.3	15.50
Monobind Inc. ELISA / CLIA	5	268.356	21.4	32.03
Beckman Immage	3	256.667	14.2	26.32



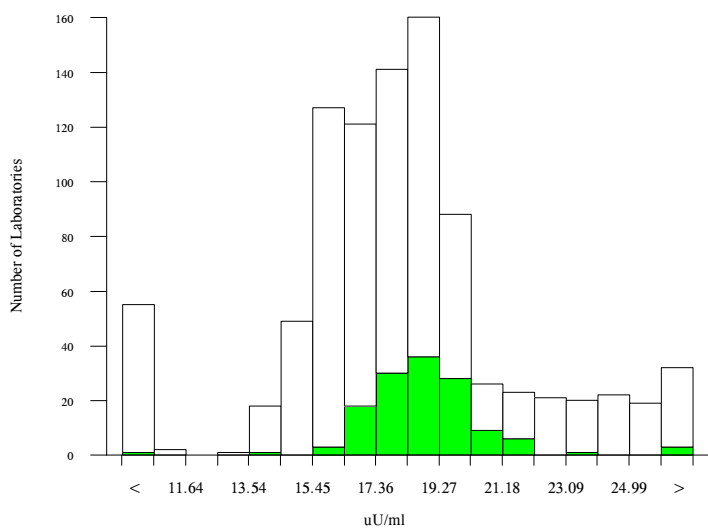
RIQAS

Insulin, uU/ml

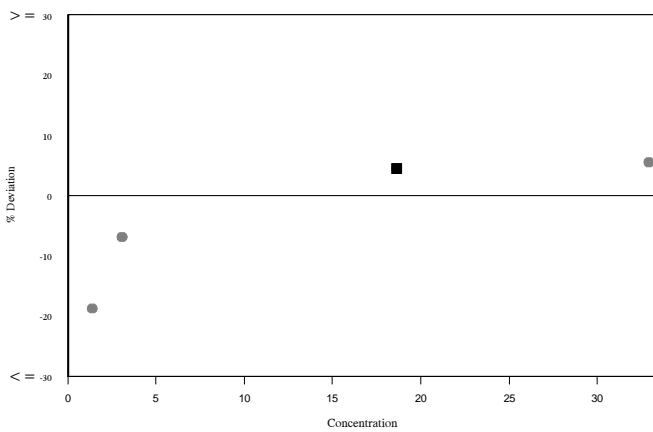
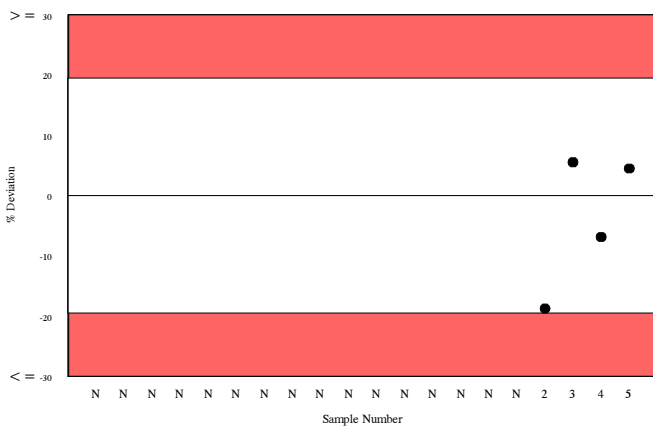
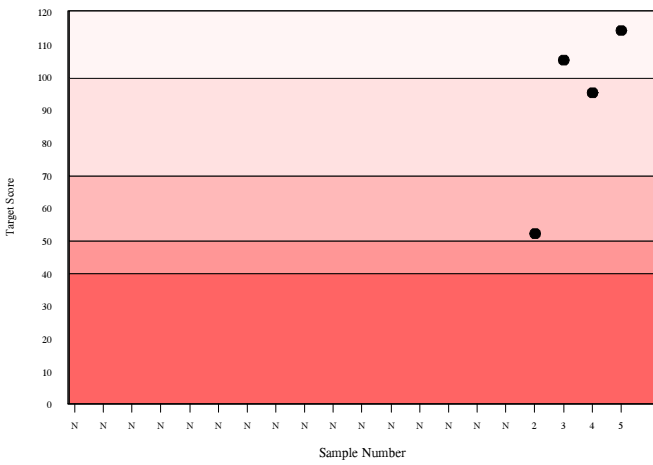
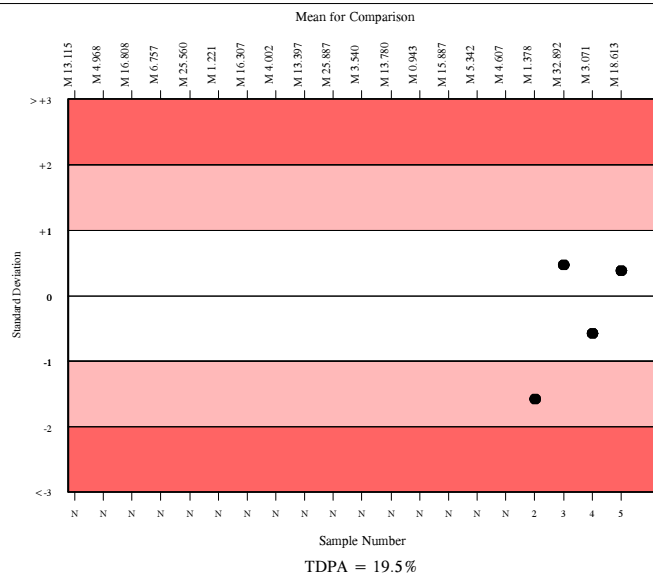
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	839	18.320	13.9	0.11	2.17	87
Roche Cobas 4000/e411	122	18.613	5.9	0.12	2.21	14

▲ Your Result	19.450	SDI	0.38
		RMSDI	Too Few
■ Mean for Comparison	18.613	TS	114
		RMTS	Too Few
		%DEV	4.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	32.9%
Acceptable limits of performance for RIQAS	19.50%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	195	18.546	4.4	0.07
Abbott Architect	157	15.865	4.2	0.07
Roche Cobas 4000/e411	122	18.613	5.9	0.12
Beckman DxI 600 / 800	89	17.194	7.1	0.16
Siemens Centaur XP/XPT/Classic	80	24.492	8.0	0.28
Siemens/DPC Immulite 2000	33	5.555	20.1	0.24
Tosoh	23	20.577	11.2	0.60
SNIBE Maglumi analysers	23	16.697	4.4	0.19
Roche Elecsys	22	18.700	6.3	0.32
DiaSorin, Liaison	17	20.898	11.0	0.70
Roche Modular E170	15	18.555	3.4	0.21
Beckman Access/LXi725	17	16.930	10.7	0.55
Siemens/DPC Immulite 1000	14	6.535	26.4	0.58
Siemens Centaur CP	13	24.312	5.1	0.43
Fujirebio Lumipulse G Series	6	16.667	1.5	0.13
CIS, RIA coated tube	3	19.667	6.4	0.91
Diasource IRMA	3	20.090	11.2	1.62
Monobind Inc. ELISA	2	17.650	16.4	2.56

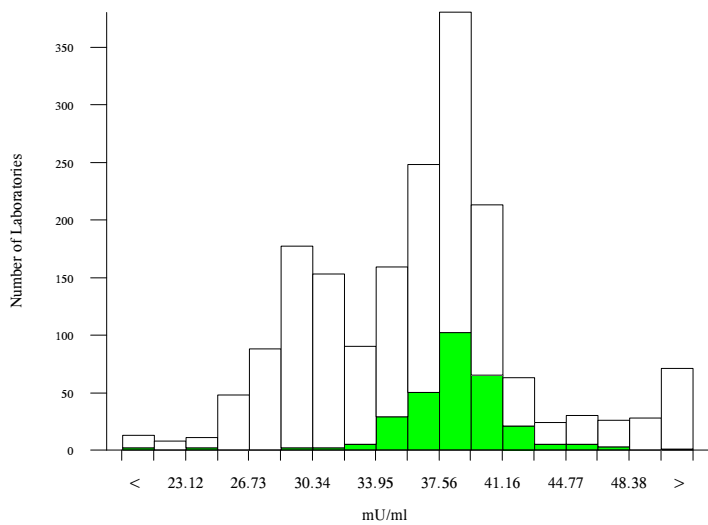


LH, mU/ml

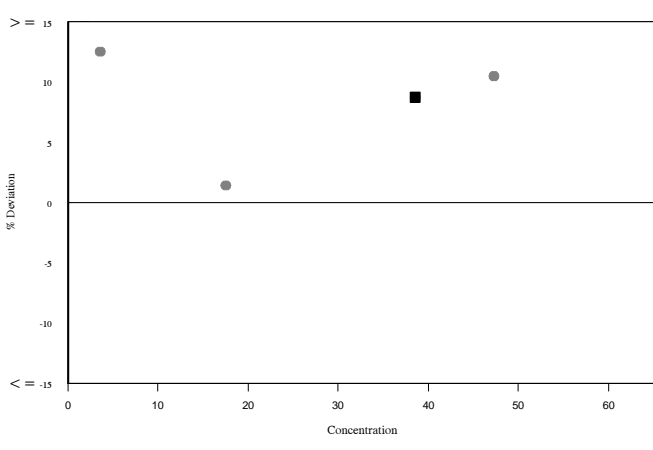
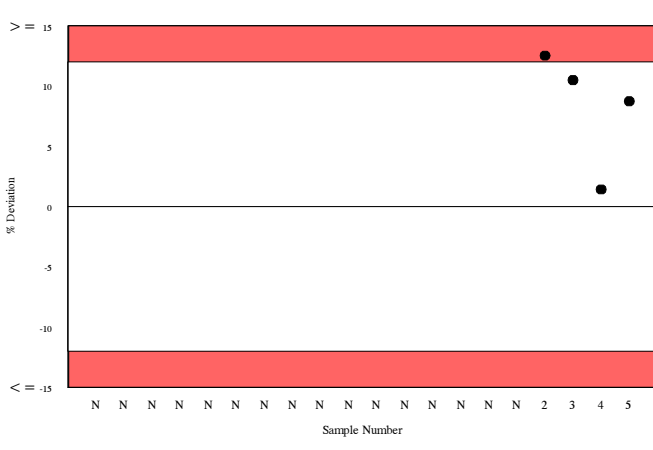
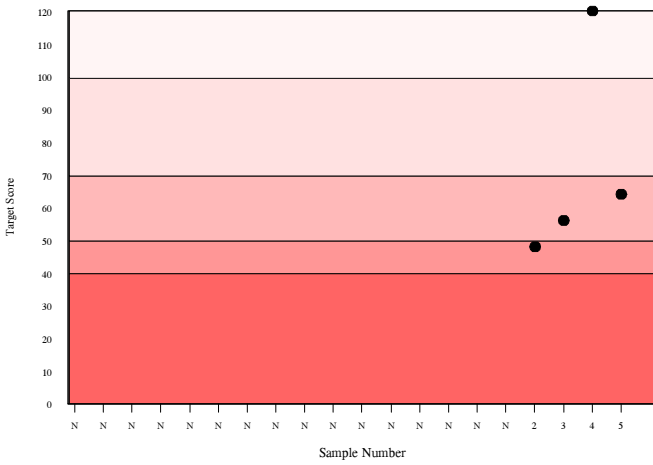
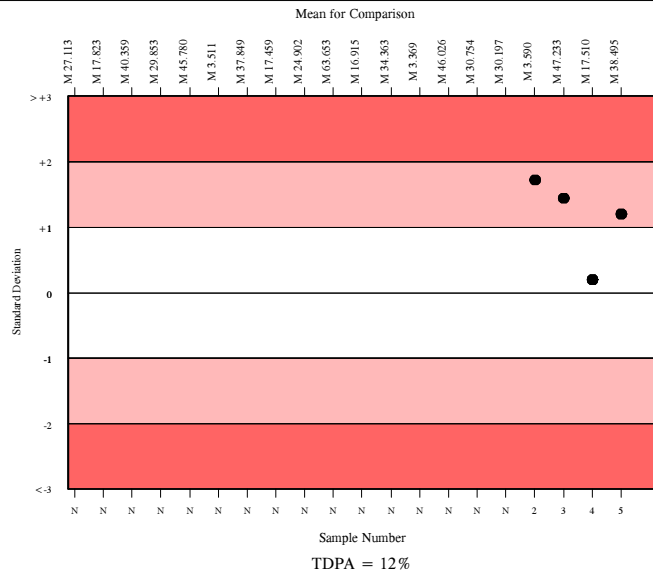
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1701	35.756	13.5	0.15	2.61	129
Roche Cobas 4000/e411	267	38.495	4.9	0.15	2.81	27

▲ Your Result	41.860	SDI	1.20
		RMSDI	Too Few
■ Mean for Comparison	38.495	TS	64
		RMTS	Too Few
		%DEV	8.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	27.92%
Acceptable limits of performance for RIQAS	12.00%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	350	38.713	3.4	0.09
Abbott Architect	287	29.903	7.3	0.16
Roche Cobas 4000/e411	267	38.495	4.9	0.15
Siemens Centaur XP/XPT/Classic	172	36.611	5.5	0.19
Beckman DxI 600 / 800	138	29.385	5.2	0.16
bioMerieux, VIDAS	74	34.988	4.1	0.21
Siemens/DPC Immulite 2000	55	51.843	7.1	0.62
Roche Elecsys	48	37.889	4.7	0.32
Beckman Access/LXi725	45	29.549	4.7	0.26
Ortho Vitros 3600/5600/ECi	37	46.617	4.9	0.47
Tosoh	34	35.417	6.5	0.49
Diasorin Liaison	36	46.119	8.3	0.80
Siemens/DPC Immulite 1000	28	51.675	7.7	0.94
Roche Modular E170	28	38.475	3.4	0.31
Siemens Centaur CP	24	38.040	5.0	0.48
SNIBE Maglumi analysers	24	37.084	7.0	0.66
Fujirebio Lumipulse G Series	10	33.670	4.6	0.61
DIAsource, IRMA	4	24.183	16.6	2.51
Siemens Dimension	3	40.207	6.3	1.84
Immunotech IRMA	3	45.587	10.4	3.43

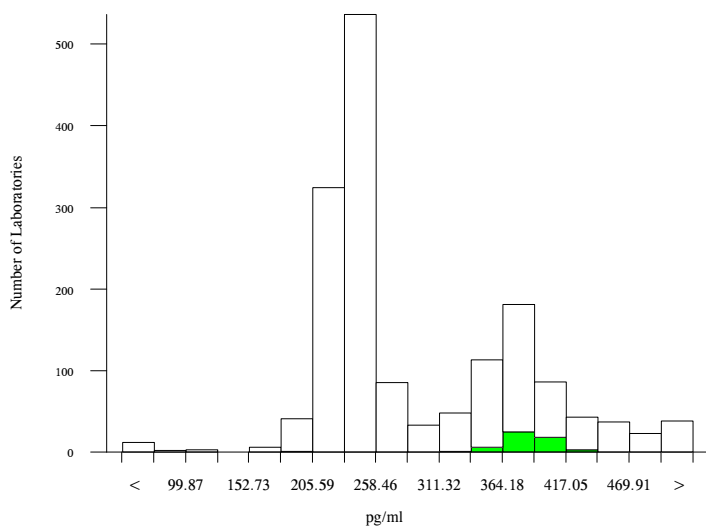
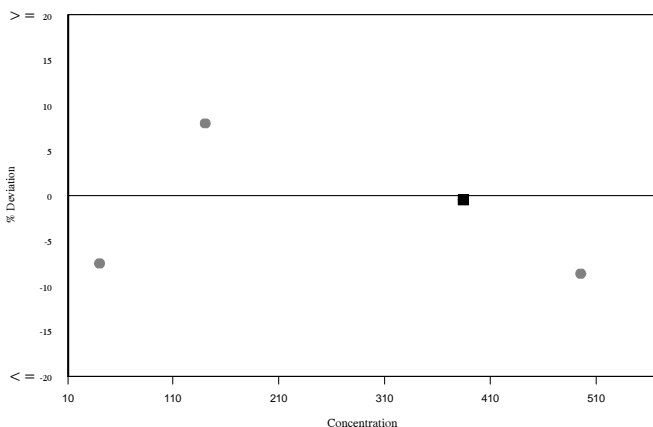
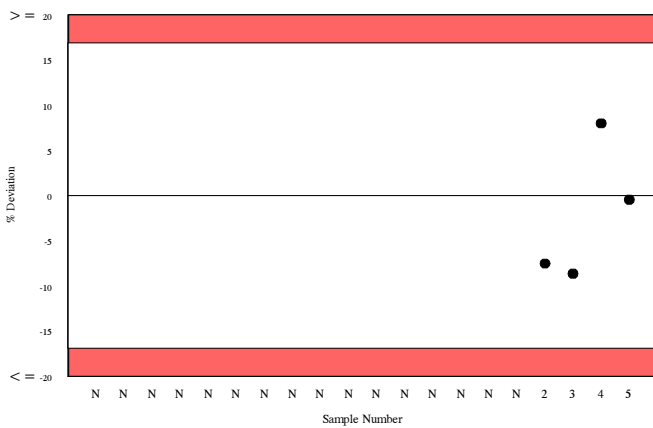
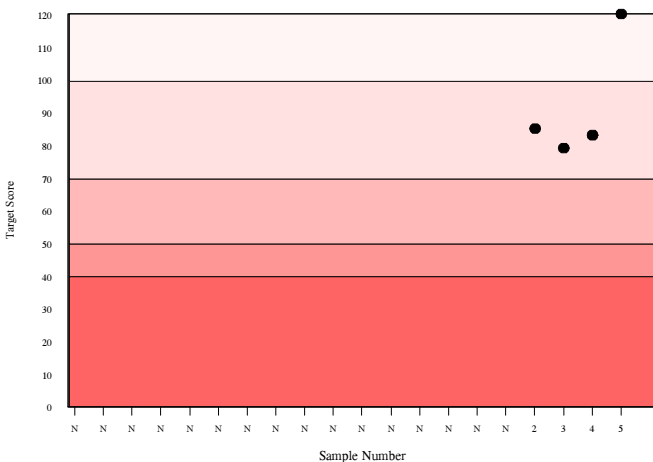
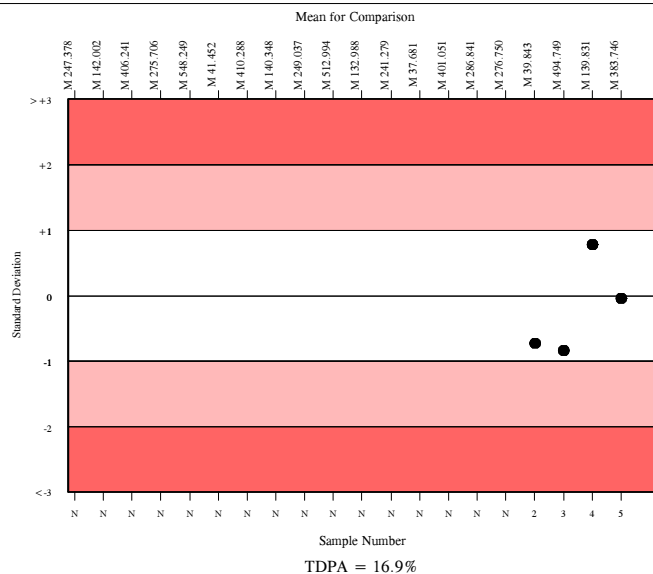


Oestradiol, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1525	284.894	24.7	2.26	29.27	87
Siemens/DPC Immulite 2000/2500	50	383.746	4.6	3.12	39.43	4

▲ Your Result	382.000	SDI	-0.04
		RMSDI	Too Few
■ Mean for Comparison	383.746	TS	120
		RMTS	Too Few
		%DEV	-0.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	26.86%
Acceptable limits of performance for RIQAS	16.90%



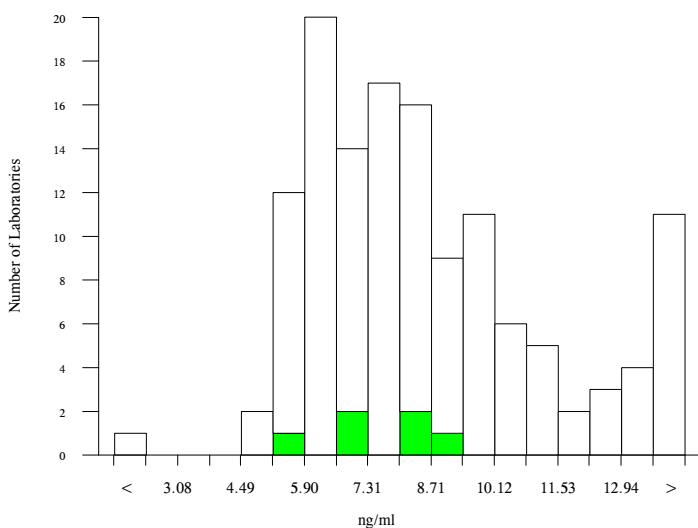
Method	N	Mean	CV%	U _m
Abbott Architect	248	224.111	3.5	0.62
Roche Cobas 6000/8000 (Estradiol III)	195	245.288	3.7	0.81
Beckman DxI 600 / 800	136	353.937	8.7	3.29
Roche Cobas 4000/e411 (Estradiol II)	118	241.017	6.1	1.70
Roche Cobas 6000/8000 (Estradiol II)	116	245.553	4.0	1.15
Roche Cobas 4000/e411 (Estradiol III)	115	244.770	4.3	1.23
Siemens Centaur XP/XPT/Classic (eE2)	97	376.579	5.2	2.50
bioMerieux, VIDAS	71	467.896	5.6	3.91
Siemens Centaur XP/XPT/Classic	49	375.272	4.3	2.86
Siemens/DPC Immulite 2000/2500	50	383.746	4.6	3.12
Beckman Access/LXi725	36	355.418	8.5	6.28
Roche Elecsys (Estradiol II)	34	239.280	8.2	4.19
Ortho Vitros 3600/5600/ECi	26	388.272	5.5	5.25
Siemens/DPC Immulite 1000	25	389.773	7.7	7.47
Diasorin Liaison	20	194.575	5.4	2.95
SNIBE Maglumi analysers	20	534.824	2.7	4.10
Tosoh (E2)	19	266.062	8.5	6.47
Roche Modular E170 (Estradiol III)	16	238.957	4.1	3.06
Roche Elecsys (Estradiol III)	14	246.326	3.3	2.74
Tosoh (iE2-hsE2)	13	262.185	5.8	5.25
Siemens Centaur CP	11	408.277	8.1	12.51

17-OH-Progesterone, ng/ml

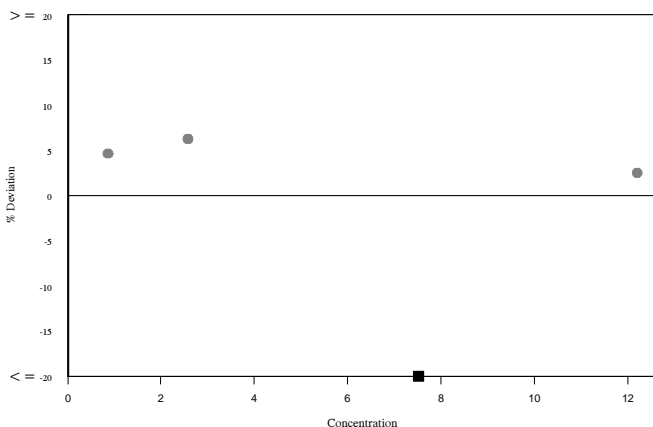
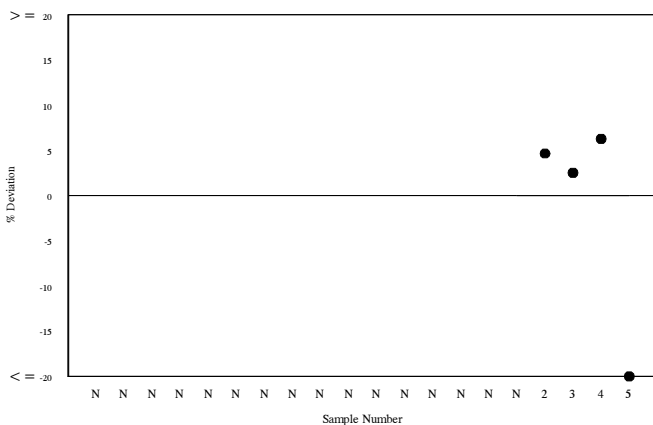
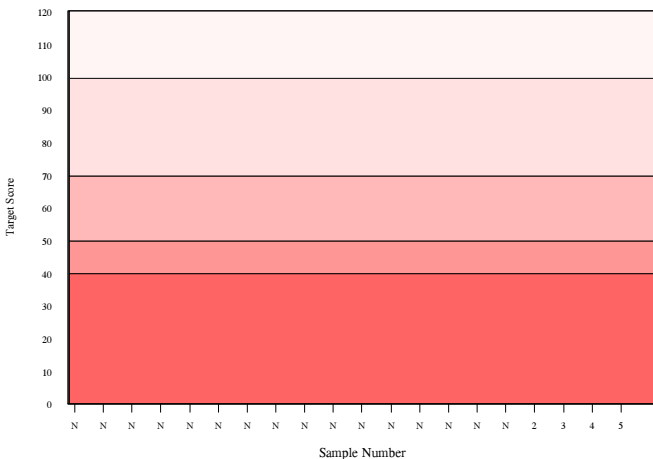
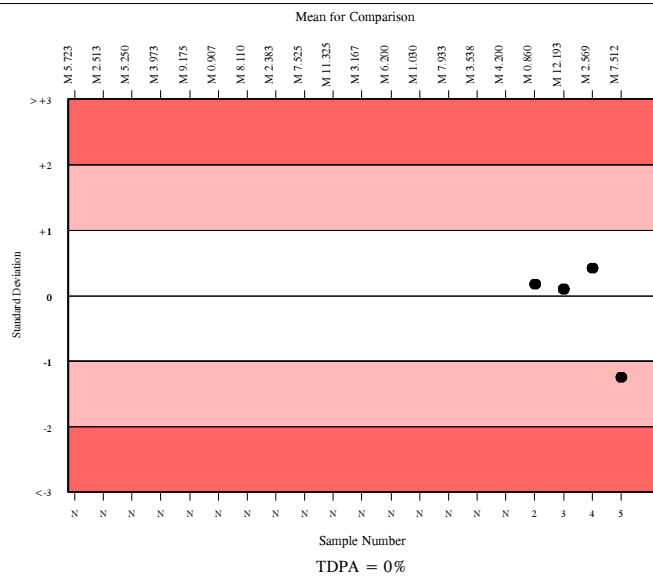
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	118	8.015	23.4	0.22	1.88	16
DiaMetra ELISA	6	7.512	15.9	0.61	1.34a	0

▲ Your Result	5.840	SDI	-1.25
		RMSDI	Too Few
■ Mean for Comparison	7.512	TS	N/A
		RMTS	Too Few
		%DEV	-22.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	29.7%
Acceptable limits of performance for RIQAS	N/A



Method	N	Mean	CV%	U _m
DRG ELISA	23	9.489	14.8	0.37
ELISA	18	9.378	29.3	0.81
SNIBE Maglumi analysers	11	6.469	2.6	0.06
Immunotech RIA	12	6.000	10.2	0.22
DIASource ELISA	10	9.520	15.7	0.59
DIASource RIA	10	7.790	10.0	0.31
IBL ELISA	9	12.537	40.3	2.11
DiaMetra ELISA	6	7.512	15.9	0.61
Novatec ELISA	6	7.667	25.2	0.99
Monobind Inc. ELISA / CLIA	4	8.595	11.6	0.62
Beckman Coulter RIA	3	5.883	3.3	0.14
Labor Diagnostike Nord ELISA	3	12.167	19.0	1.67
MP Biomedicals RIA	2	6.400	6.6	0.37

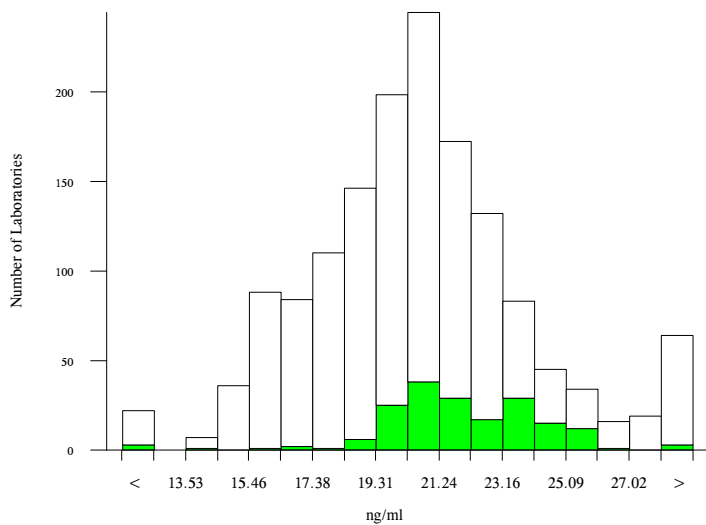


Progesterone, ng/ml

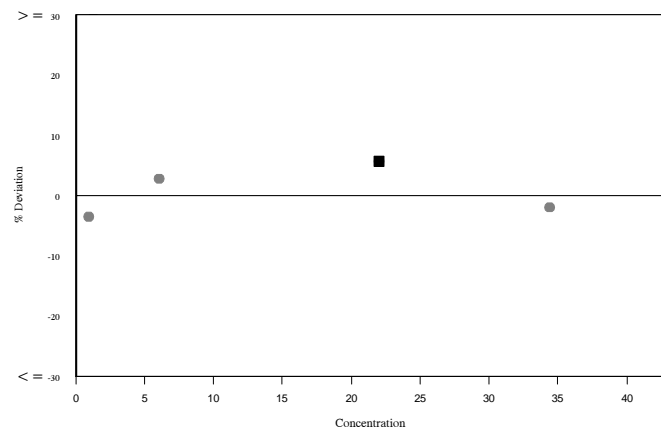
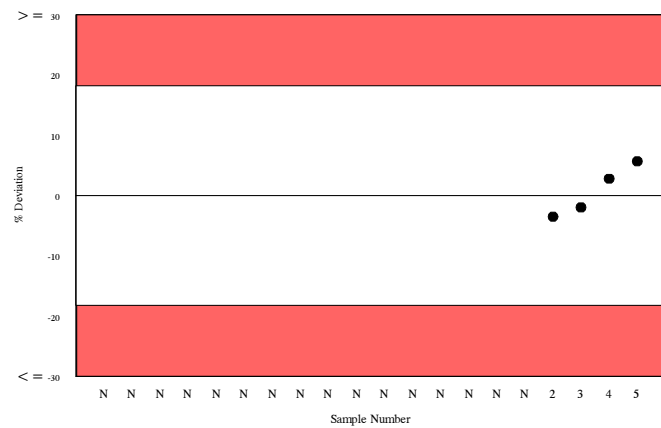
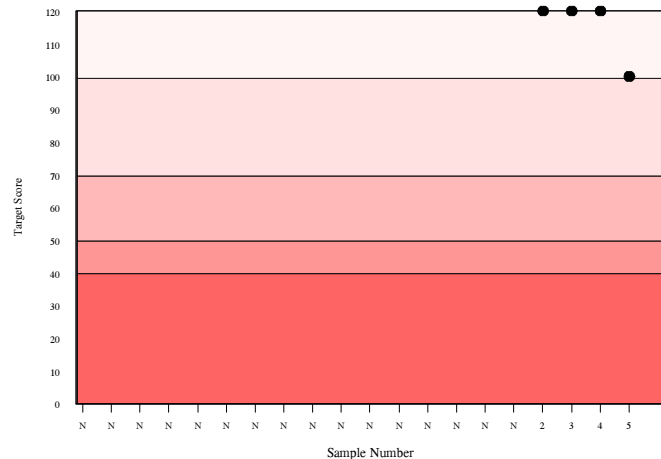
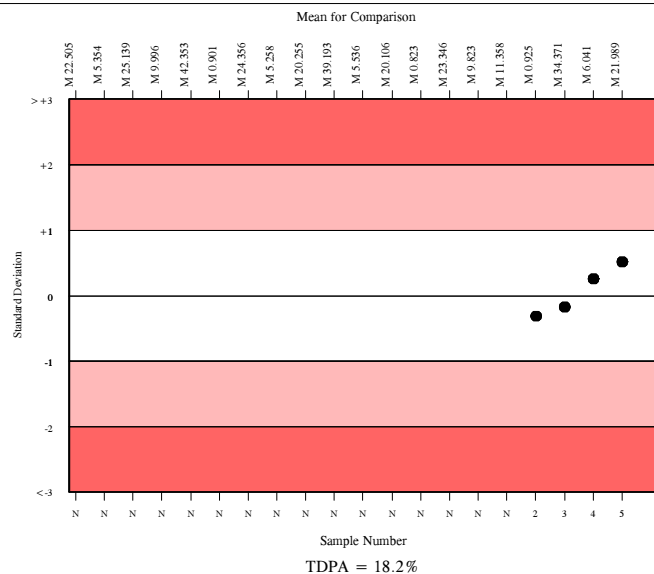
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1389	20.280	12.7	0.09	2.24	111
Roche Cobas 4000/e411 (Prog. II)	170	21.989	8.3	0.17	2.43	13

▲ Your Result	23.240	SDI	0.51
		RMSDI	Too Few
■ Mean for Comparison	21.989	TS	100
		RMTS	Too Few
		%DEV	5.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	18.20%



Method	N	Mean	CV%	U _m
Abbott Architect	231	19.227	7.7	0.12
Roche Cobas 6000/8000 (Prog. II)	208	21.478	6.5	0.12
Roche Cobas 4000/e411 (Prog. II)	170	21.989	8.3	0.17
Siemens Centaur XP/XPT/Classic	142	16.665	6.6	0.12
Beckman DXI Prog. Cal 33555	94	21.408	7.6	0.21
Roche Cobas 6000/8000 (Prog. III)	90	20.487	5.7	0.15
bioMerieux, VIDAS	76	28.802	6.3	0.26
Siemens/DPC Immulite 2000/2500	56	16.557	6.1	0.17
Roche Cobas 4000/e411 (Prog. III)	50	20.921	4.2	0.15
Beckman Access Prog. Cal 33555	40	21.286	8.2	0.35
Roche Elecsys (Prog. II)	38	21.662	8.2	0.36
Tosoh	28	23.054	11.7	0.64
Siemens/DPC Immulite 1000	26	18.452	8.4	0.38
Ortho Vitros 3600/5600/ECi	24	22.801	5.0	0.29
SNIBE Maglumi analysers	19	20.874	4.7	0.28
Beckman DXI Prog.DE Cal. A80773	22	19.780	11.3	0.59
Diasorin Liaison	15	17.135	12.0	0.66
Roche Modular E170 (Prog. III)	14	20.635	6.1	0.42
Siemens Centaur CP	12	16.796	6.9	0.42
Roche Modular E170 (Prog. II)	12	22.157	6.4	0.51
Fujirebio Lumipulse G Series	4	24.551	31.8	4.88

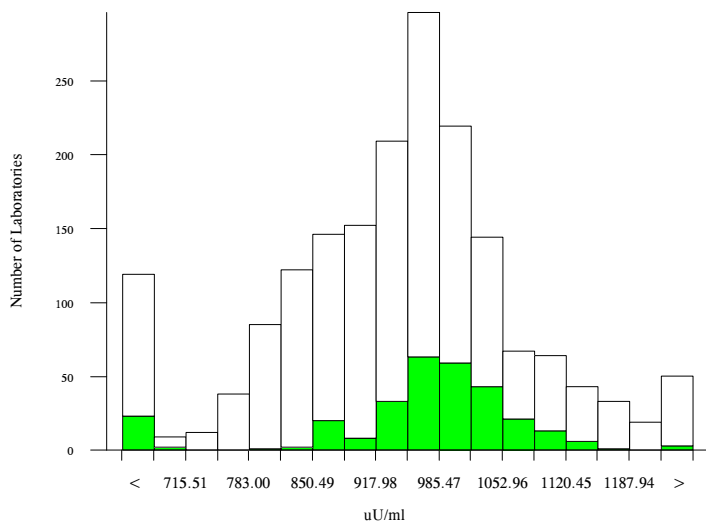


Prolactin, uU/ml

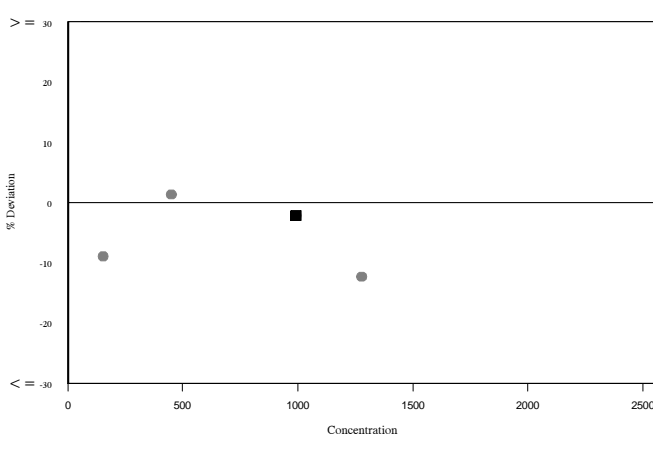
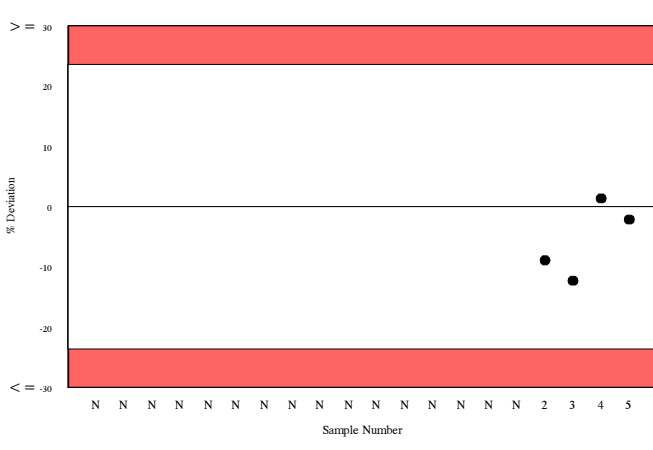
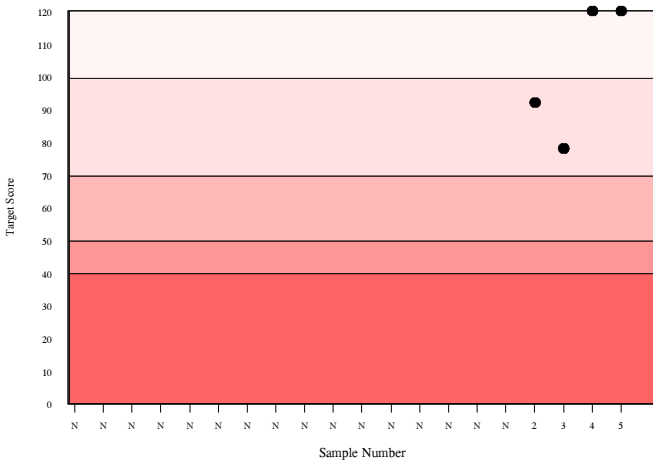
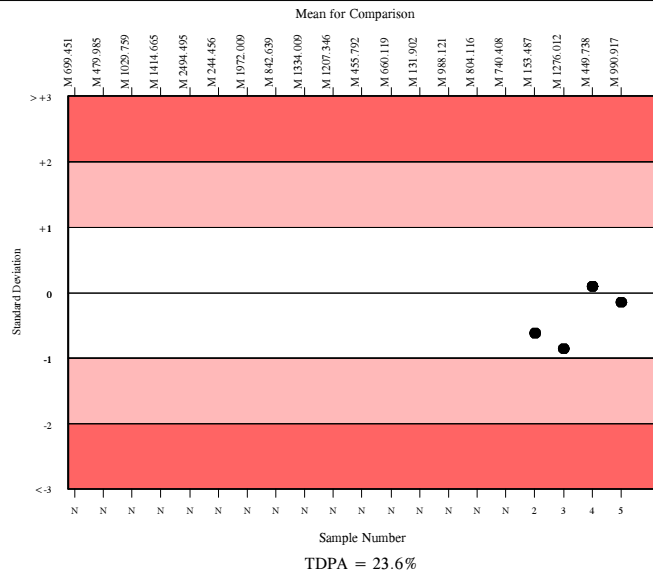
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1610	951.730	9.5	2.80	136.55	217
Roche Cobas 4000/e411	255	990.917	5.6	4.37	142.17	43

▲ Your Result	969.600	SDI	-0.15
		RMSDI	Too Few
■ Mean for Comparison	990.917	TS	120
		RMTS	Too Few
		%DEV	-2.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	29.4%
Acceptable limits of performance for RIQAS	23.60%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	293	960.765	3.6	2.52
Roche Cobas 4000/e411	255	990.917	5.6	4.37
Abbott Architect	235	1010.450	6.9	5.71
Siemens Centaur XP/XPT/Classic	169	841.190	5.5	4.44
Beckman DxI 600 / 800	127	843.966	5.9	5.53
bioMerieux, VIDAS	73	1139.767	7.7	12.78
Siemens/DPC Immulite 2000/2500	53	893.553	6.5	9.93
Roche Elecsys/E170/Cobas 6000/8000 PRLII	43	944.370	4.6	8.33
Beckman Access/LXi725	42	864.216	8.0	13.30
Roche Elecsys	41	986.265	6.0	11.60
Abbott Architect (Re-standardised)	39	982.127	5.1	10.01
Ortho Vitros 3600/5600/ECi	38	852.946	5.2	9.08
Tosoh	28	1048.991	11.0	27.36
Diasorin Liaison	27	1038.207	6.1	15.33
Siemens/DPC Immulite 1000	26	919.747	10.0	22.66
Siemens Centaur CP	22	868.578	9.4	21.74
SNIBE Maglumi analysers	21	1014.327	8.1	22.32
Roche Modular E170	18	946.484	2.3	6.43
Fujirebio Lumipulse G Series	8	1201.779	4.4	23.47
Immunotech IRMA	8	1093.731	3.1	14.99
Siemens Dimension	4	1078.035	3.8	25.88

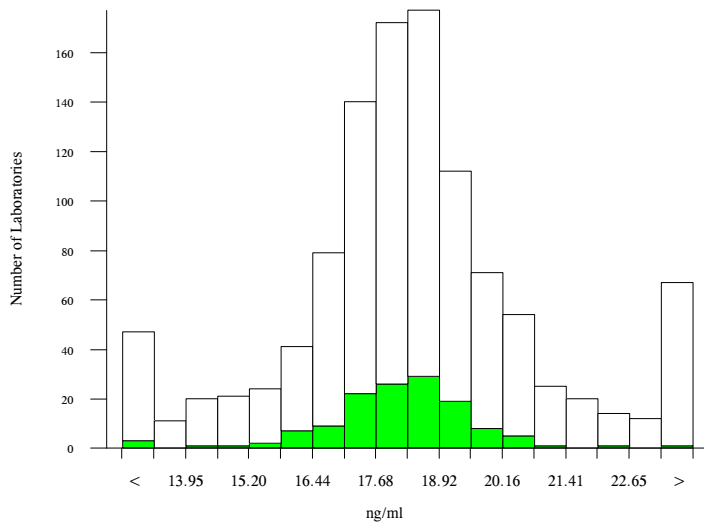


PSA, Free, ng/ml

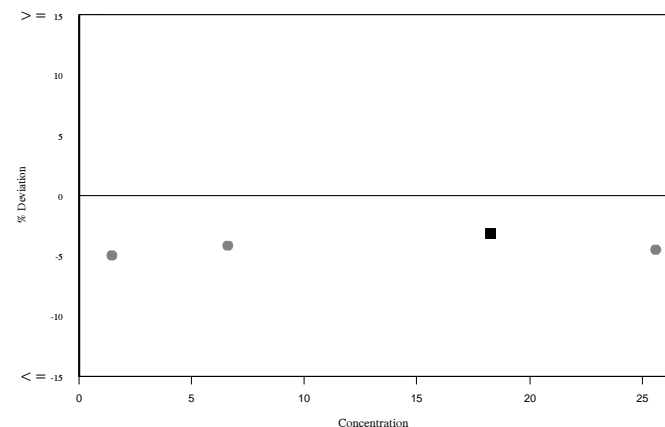
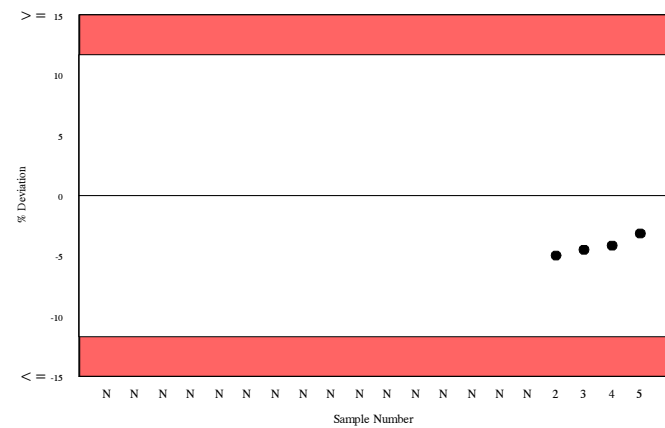
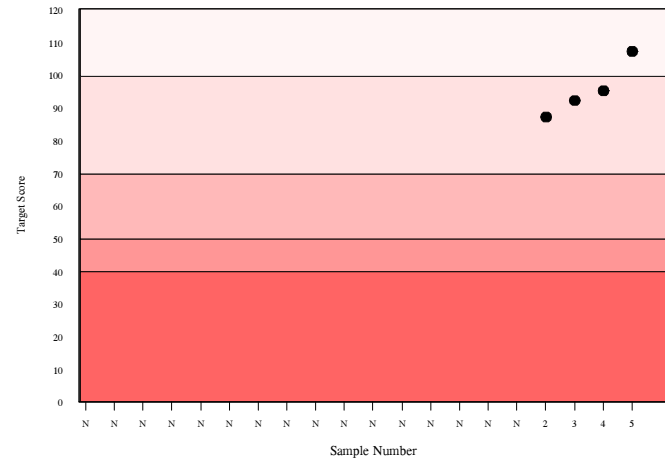
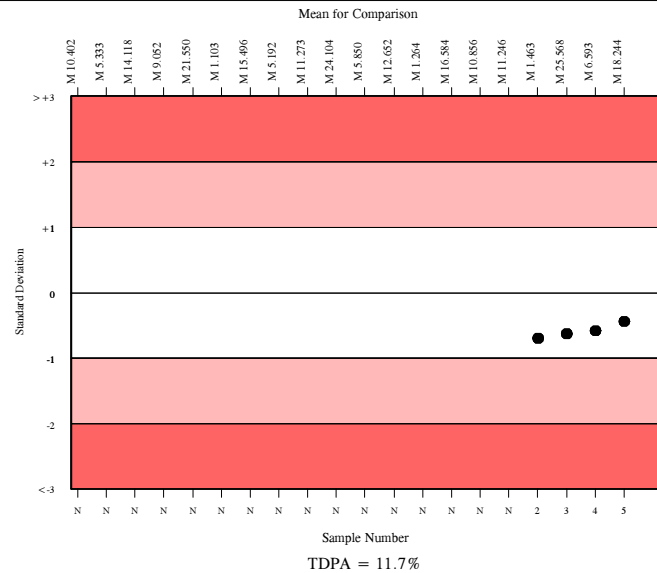
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	983	18.306	9.0	0.07	1.30	181
Roche Cobas 4000/e411	118	18.244	5.0	0.10	1.30	17

▲ Your Result	17.670	SDI	-0.44
		RMSDI	Too Few
■ Mean for Comparison	18.244	TS	107
		RMTS	Too Few
		%DEV	-3.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.70%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	253	17.955	4.3	0.06
Abbott Architect	222	19.232	7.2	0.12
Roche Cobas 4000/e411	118	18.244	5.0	0.10
Siemens Centaur XP/XPT/Classic	121	18.542	5.0	0.10
Beckman DXI standardised to Hybritech	69	21.995	9.1	0.30
Siemens/DPC Immulite 2000/2500	34	15.362	8.1	0.27
BioMerieux VIDAS	21	25.663	9.4	0.66
Roche Elecsys	26	17.738	3.8	0.17
Beckman Access standardised to Hybritech	19	22.953	9.9	0.65
Diasorin Liaison	24	7.860	5.9	0.12
SNIBE Maglumi analysers	18	17.784	3.2	0.17
Roche Modular E170	19	17.689	3.4	0.17
TOSOH	17	16.551	4.8	0.24
Siemens/DPC Immulite 1000	14	14.339	7.7	0.37
Fujirebio Lumipulse G Series	13	13.848	4.7	0.23
Ortho Vitros 3600/5600/ECi PSA II	7	16.006	1.7	0.13
Beckman DXI standard to WHO IRP96/670	5	18.164	17.2	1.75
Ortho Vitros 3600/5600/ECi	7	15.700	8.2	0.61
Siemens Dimension	5	15.090	1.3	0.11
CIS, RIA coated tube	4	14.844	10.1	0.93
Beckman Access standard to WHO IRP96/670	1	20.400	0.0	0.00



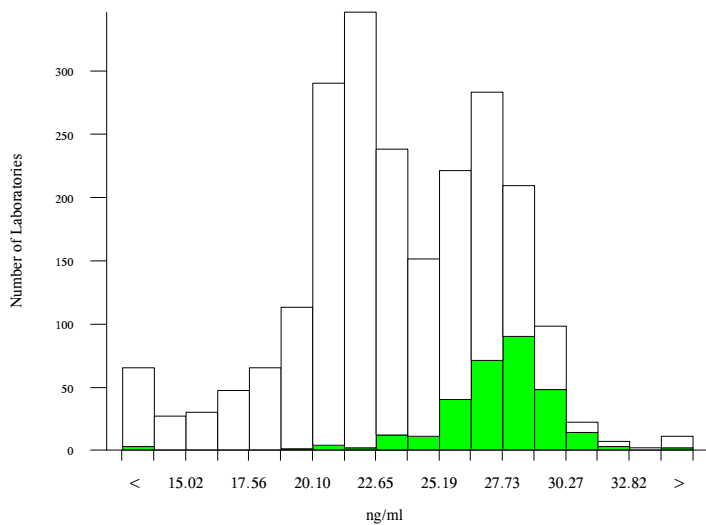
RIQAS

PSA, Total, ng/ml

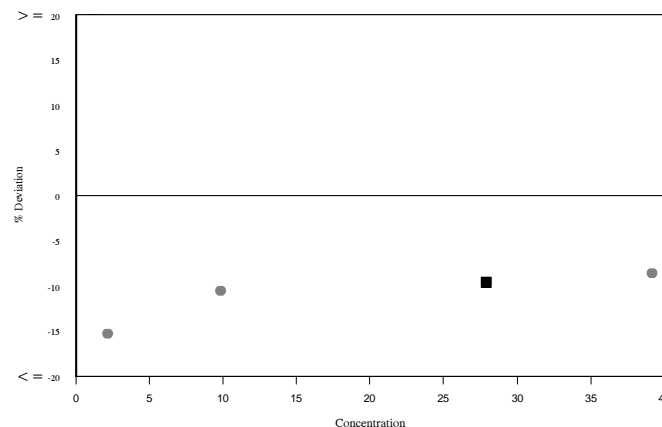
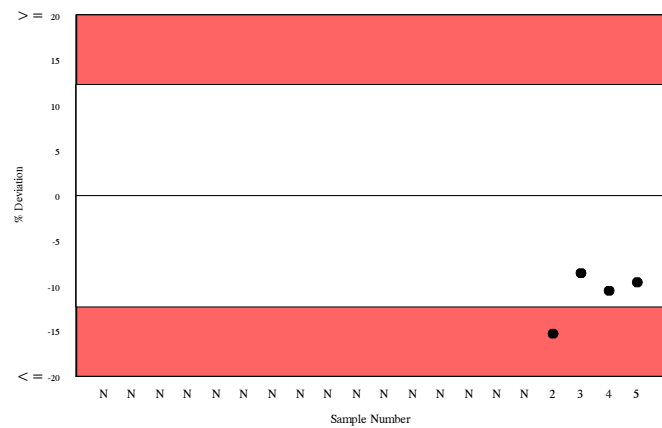
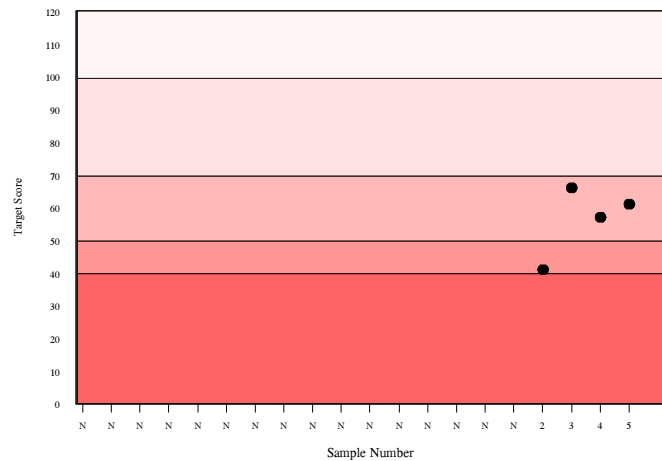
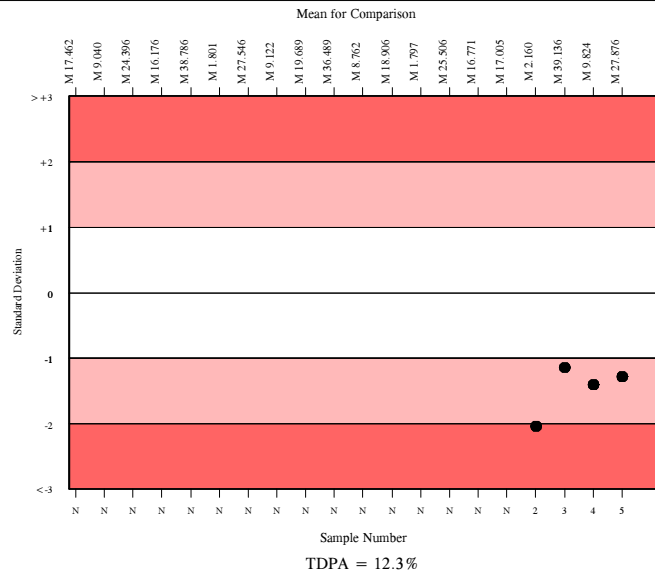
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2100	23.923	14.2	0.09	1.79	125
Roche Cobas 4000/e411	274	27.876	5.5	0.12	2.08	27

▲ Your Result	25.200	SDI	-1.28
		RMSDI	Too Few
■ Mean for Comparison	27.876	TS	61
		RMTS	Too Few
		%DEV	-9.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	33.6%
Acceptable limits of performance for RIQAS	12.30%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	441	26.818	4.5	0.07
Abbott Architect	388	21.749	5.2	0.07
Roche Cobas 4000/e411	274	27.876	5.5	0.12
Siemens Centaur XP/XPT/Classic	224	21.057	5.6	0.10
Beckman DXI standardised to Hybritech	145	22.391	5.7	0.13
Beckman Access standardised to Hybritech	68	22.859	4.4	0.15
Roche Elecsys	56	27.458	6.4	0.29
bioMerieux, Vidas TPSA	45	22.962	6.8	0.29
Siemens Immulite 2000/2500, Total PSA	46	17.929	7.3	0.24
Diasorin Liaison	40	10.507	8.5	0.18
Tosoh	37	14.380	8.4	0.25
Ortho Vitros 3600/5600/ECi PSA II	40	26.101	3.0	0.16
Siemens Centaur CP	40	21.138	6.1	0.26
Siemens Immulite 1000, Total PSA	30	16.150	7.6	0.28
SNIBE Maglumi analysers	31	27.357	15.8	0.97
Roche Modular E170	25	26.305	5.0	0.33
Beckman DXI standard to WHO IRP96/670	18	17.711	7.8	0.41
Beckman Access standard to WHO IRP96/670	16	22.719	3.9	0.28
Ortho Vitros 3600/5600/ECi	18	25.972	4.3	0.33
CIS, RIA coated tube	14	20.853	4.3	0.30
bioMerieux, Vidas	13	21.952	9.8	0.74

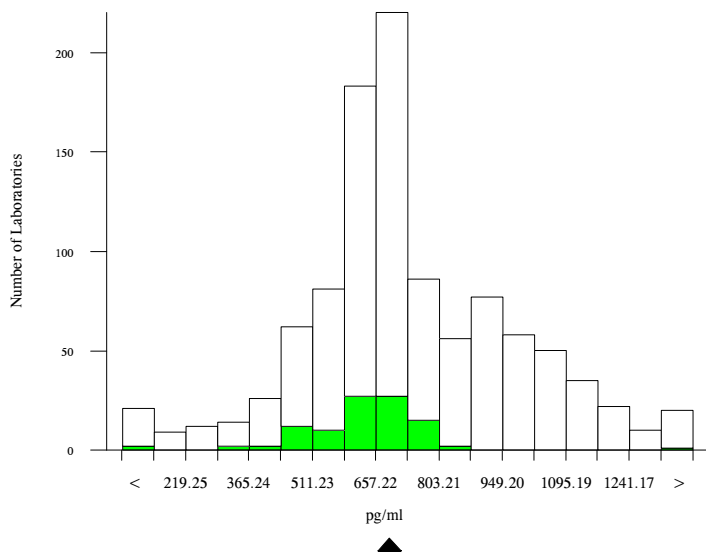


Parathyroid hormone, pg/ml

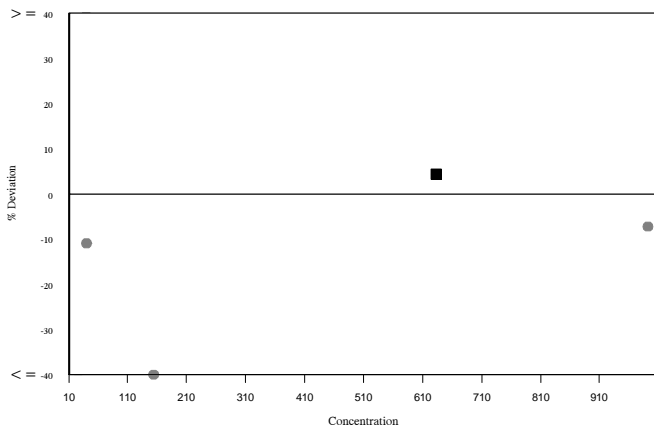
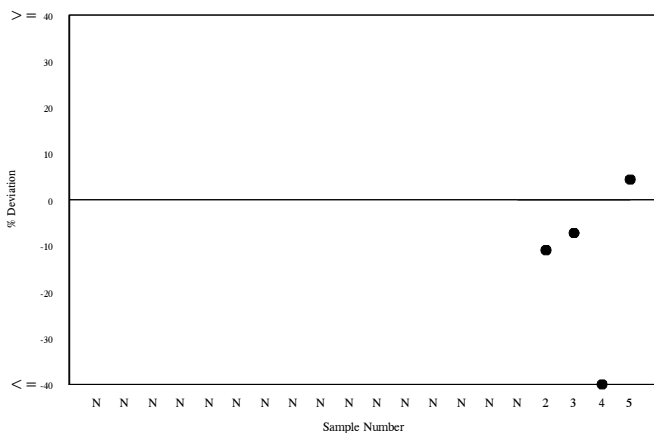
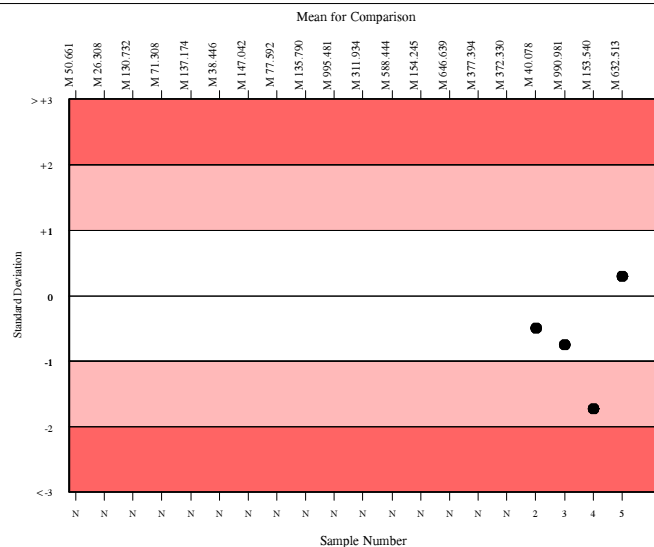
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	967	730.220	26.7	7.82	194.65	75
Roche Cobas 4000/e411 PTH/PTH STAT	92	632.513	14.9	12.28	94.21	8

▲ Your Result	660.200	SDI	0.29
		RMSDI	Too Few
■ Mean for Comparison	632.513	TS	N/A
		RMTS	N/A
		%DEV	4.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	30.2%
Acceptable limits of performance for RIQAS	N/A



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000 PTH/PTH STAT	173	658.669	8.2	5.11
Abbott Architect	128	918.522	9.8	9.94
Siemens Centaur XP/XPT/Classic	97	1022.987	10.8	14.08
Beckman DxI 600 / 800	86	690.024	8.4	7.78
Roche Cobas 4000/e411 PTH/PTH STAT	92	632.513	14.9	12.28
Roche Cobas 6000/8000 PTH (1-84)	63	608.661	16.3	15.59
Roche Cobas 4000/e411 PTH (1-84)	57	612.956	16.3	16.51
Siemens/DPC Immulite 2000	47	1163.542	10.6	22.59
Roche Elecsys PTH/PTH STAT	30	620.002	16.3	23.04
DiaSorin, Liaison 1-84 PTH	23	373.215	31.9	31.05
Beckman Access/LXi725	24	619.511	17.1	26.95
Ortho Vitros 3600/5600/ECi	17	874.762	11.9	31.66
SNIBE Maglumi analysers	15	525.080	18.3	31.05
Tosoh	18	702.339	14.9	30.84
Roche Modular E170 PTH/PTH STAT	14	616.323	8.0	16.51
Siemens/DPC Immulite 1000	10	1017.502	13.3	53.52
DiaSorin, Liaison N-TACT PTH II	11	960.773	39.4	142.82
CIS IRMA	8	508.057	28.0	62.83
Roche Elecsys PTH (1-84)	6	603.697	8.5	26.23
Siemens Centaur CP	6	1003.033	26.1	133.67
Roche Modular E170 PTH (1-84)	4	577.314	20.5	73.92

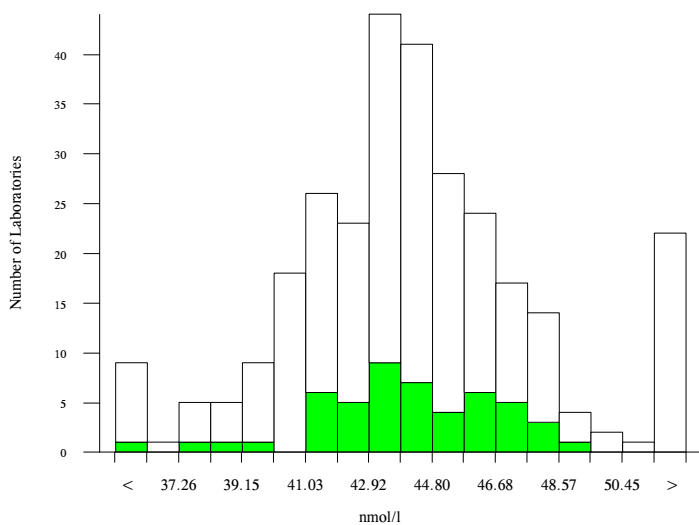


Sex Hormone Binding Globulin, nmol/l

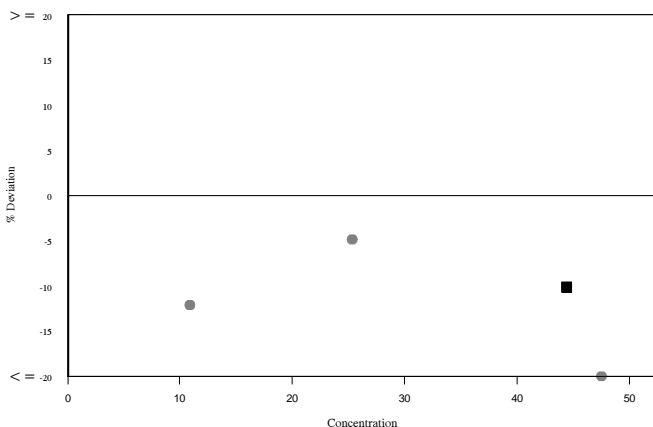
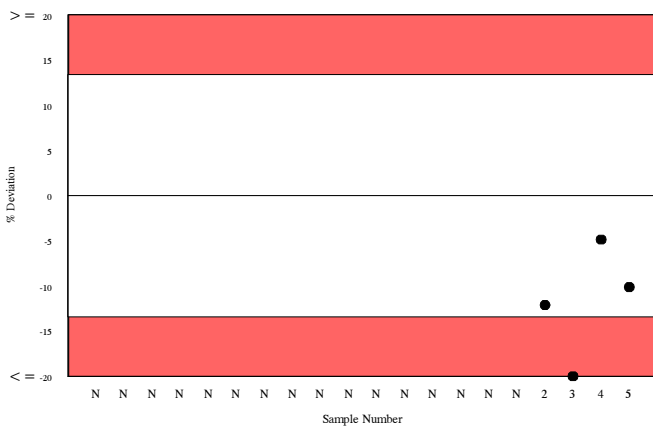
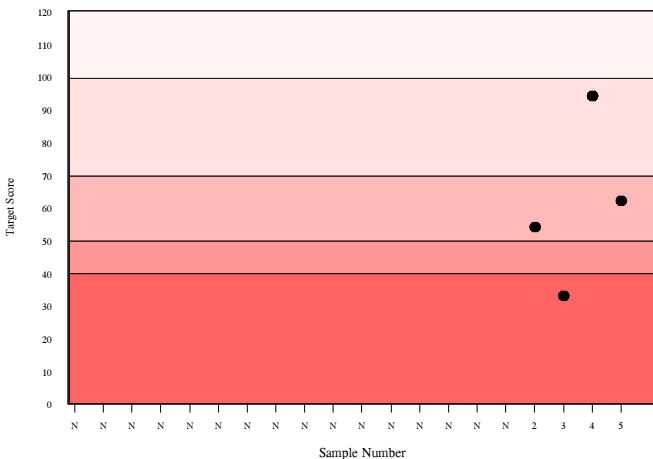
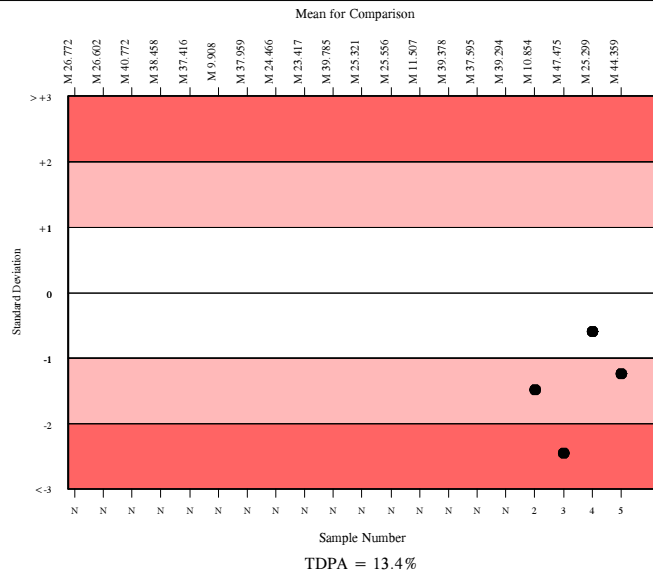
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	259	43.862	5.7	0.20	3.57	34
Roche Cobas 4000/e411	46	44.359	4.7	0.38	3.61	4

▲ Your Result	39.870	SDI	-1.24
		RMSDI	Too Few
■ Mean for Comparison	44.359	TS	62
		RMTS	Too Few
		%DEV	-10.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	20.42%
Acceptable limits of performance for RIQAS	13.40%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	66	43.502	3.3	0.22
Roche Cobas 4000/e411	46	44.359	4.7	0.38
Abbott Architect	43	45.593	4.8	0.42
Siemens/DPC Immulite 2000/2500	41	42.899	5.3	0.44
Beckman DXI 600 / 800	21	44.900	5.3	0.65
Siemens Centaur (Ref 06520781)	13	60.496	11.4	2.40
Roche Modular E170	9	44.434	6.6	1.23
Siemens Centaur (Ref 10997191)	9	41.471	6.1	1.06
Siemens/DPC Immulite 1000	7	39.871	3.5	0.65
Roche Elecsys	6	41.630	14.2	3.01
ELISA	2	37.850	6.9	2.31
Beckman Access	2	38.450	4.2	1.44

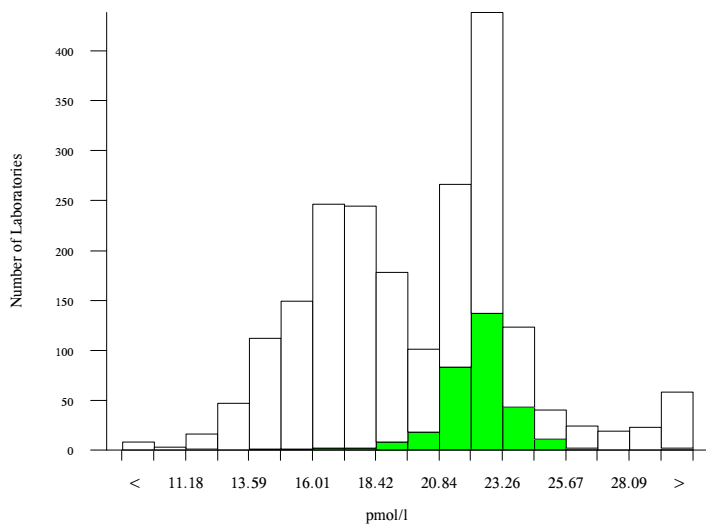


Free T3, pmol/l

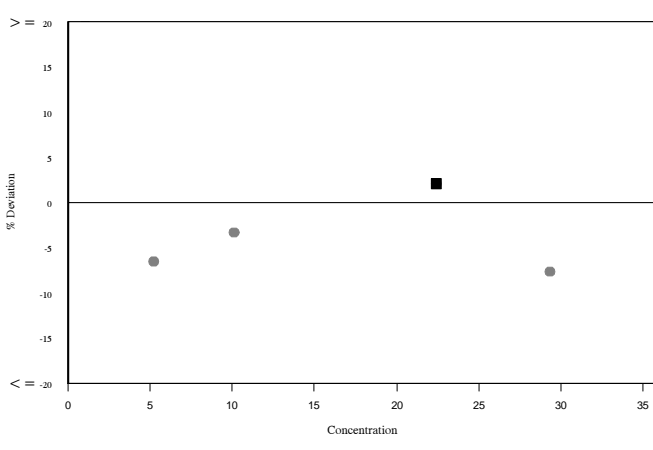
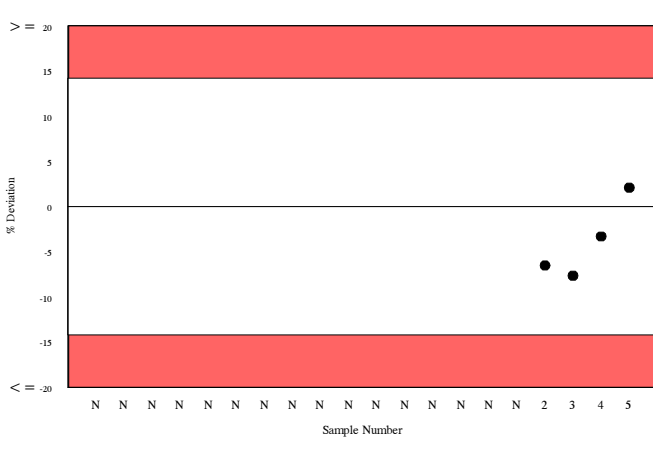
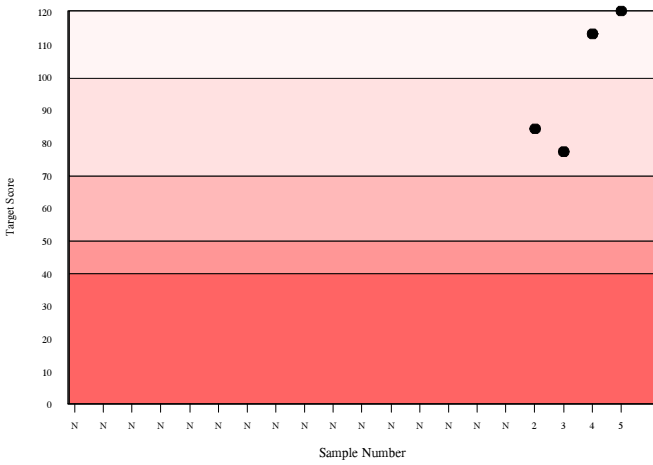
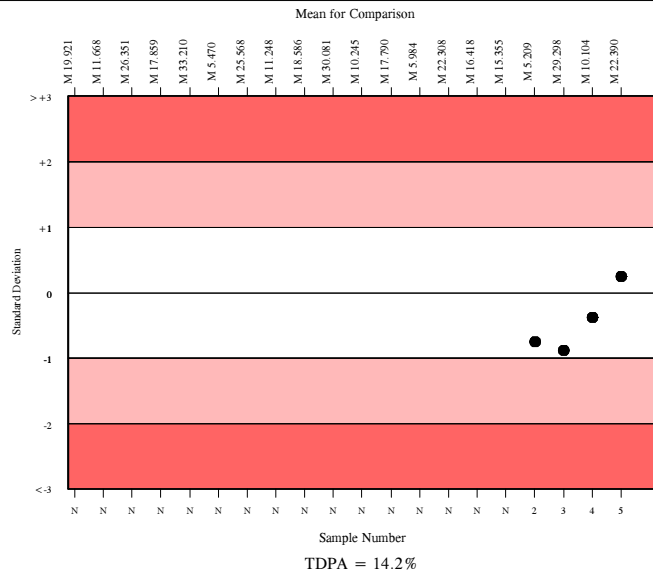
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1971	19.638	16.4	0.09	1.70	139
Roche Cobas 4000/e411	280	22.390	4.0	0.07	1.93	31

▲ Your Result	22.860	SDI RMSDI	0.24 Too Few
■ Mean for Comparison	22.390	TS RMTS	120 Too Few
		%DEV RM%DEV	2.1 Too Few

Acceptable limits derived from Biological Variation	11.3%
Acceptable limits of performance for RIQAS	14.20%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	424	22.438	3.1	0.04
Abbott Architect	355	17.584	8.3	0.10
Roche Cobas 4000/e411	280	22.390	4.0	0.07
Siemens Centaur XP/XPT/Classic	231	17.948	4.8	0.07
Beckman DxI 600 / 800	161	15.081	7.2	0.11
Roche Elecsys	71	22.238	4.7	0.15
Beckman Access/LXi725	63	16.267	6.1	0.16
BioMerieux VIDAS	61	19.462	6.8	0.21
Diasorin Liaison	51	28.232	7.0	0.35
Siemens/DPC Immulite 2000/2500	41	13.482	6.7	0.18
Tosoh	37	27.594	7.8	0.44
Siemens Centaur CP	33	16.759	3.9	0.14
Ortho Vitros 3600/5600/ECi	19	35.008	0.0	0.00
SNIBE Maglumi analysers	27	14.613	4.2	0.15
Roche Modular E170	23	22.122	2.9	0.16
Siemens/DPC Immulite 1000	16	13.352	6.0	0.25
Fujirebio Lumipulse G Series	8	23.276	2.1	0.22
Siemens Dimension Vista LOCI	5	25.190	1.7	0.25
Siemens Dimension	3	24.883	1.8	0.32
Abbott AxSYM	1	16.742	0.0	0.00
Brahms, RIA	1	20.551	0.0	0.00



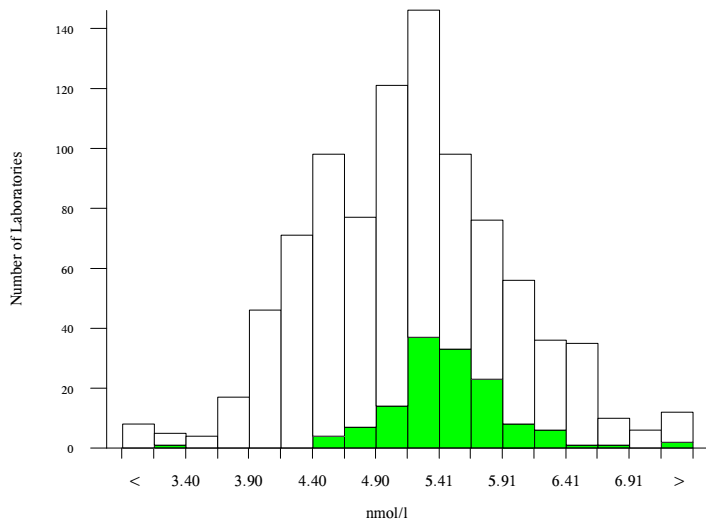
RIQAS

Total T3, nmol/l

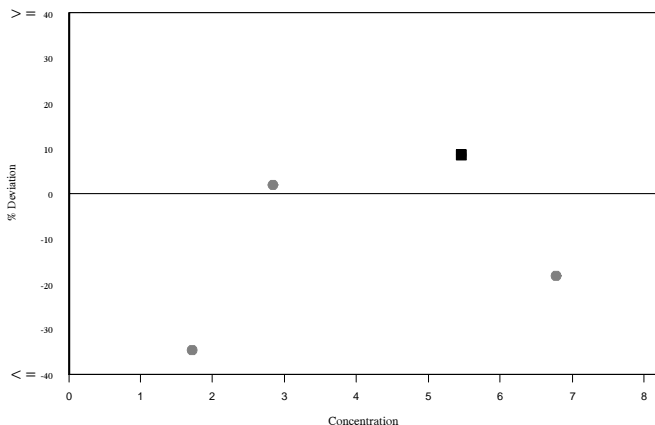
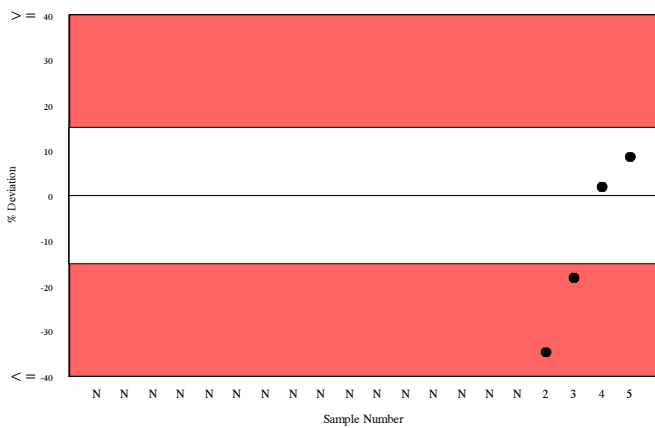
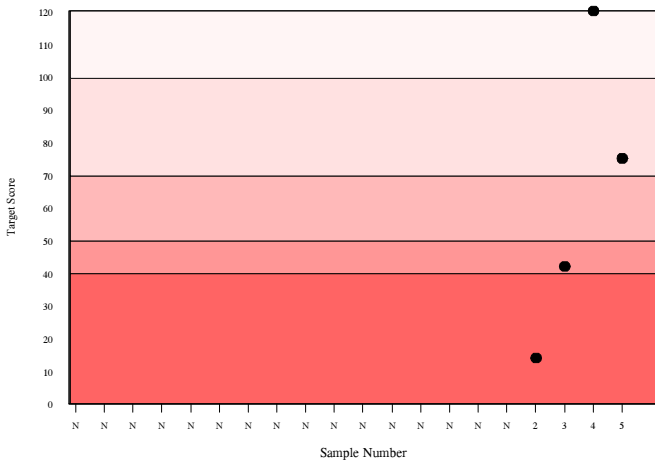
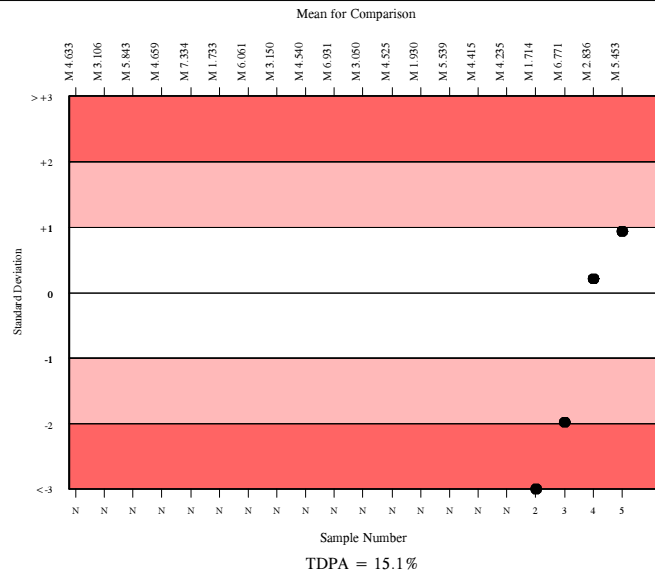
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	875	5.161	13.0	0.03	0.47	47
Roche Cobas 4000/e411	125	5.453	6.1	0.04	0.50	12

▲ Your Result	5.920	SDI	0.93
		RMSDI	Too Few
■ Mean for Comparison	5.453	TS	75
		RMTS	Too Few
		%DEV	8.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	9.22%
Acceptable limits of performance for RIQAS	15.10%



Method	N	Mean	CV%	U _m
Abbott Architect	185	4.457	6.1	0.02
Roche Cobas 6000/8000	168	5.228	4.2	0.02
Roche Cobas 4000/e411	125	5.453	6.1	0.04
Siemens Centaur XP/XPT/Classic	88	6.002	4.7	0.04
Siemens/DPC Immulite 2000/2500	41	5.067	5.3	0.05
Beckman DxI600 / 800	31	4.348	6.1	0.06
Ortho Vitros 3600/5600/ECi	30	5.964	4.2	0.06
bioMerieux, VIDAS	25	5.131	3.1	0.04
Beckman Access/LXi725	25	4.428	5.9	0.07
SNIBE Maglumi analysers	22	6.549	4.2	0.07
Siemens Centaur CP	19	6.334	5.9	0.11
Siemens/DPC Immulite 1000	15	5.524	6.9	0.12
Roche Elecsys	14	5.523	4.9	0.09
Roche Modular E170	12	5.138	4.1	0.08
CIS, RIA coated tube	8	3.544	5.2	0.08
Immunotech RIA	7	3.966	3.5	0.07
Diasorin Liaison	9	4.329	15.1	0.27
Tosoh	6	4.884	7.0	0.17
Monobind Inc. ELISA	6	4.713	8.4	0.20
ELISA	2	5.644	8.3	0.41
Fujirebio Lumipulse G Series	2	6.299	0.7	0.04

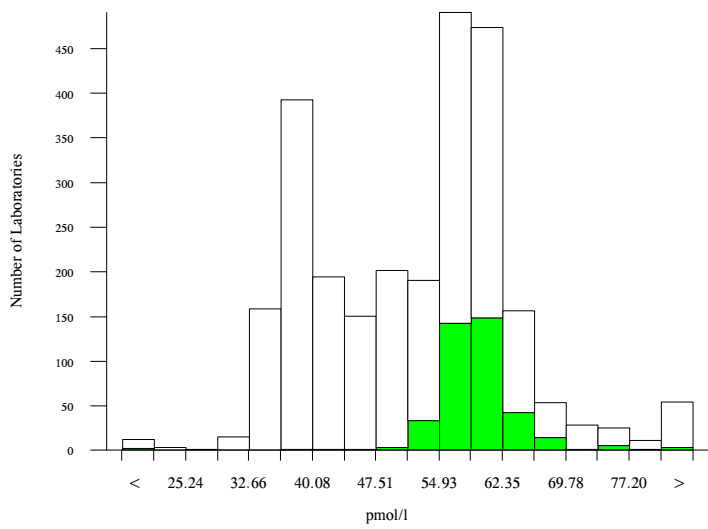
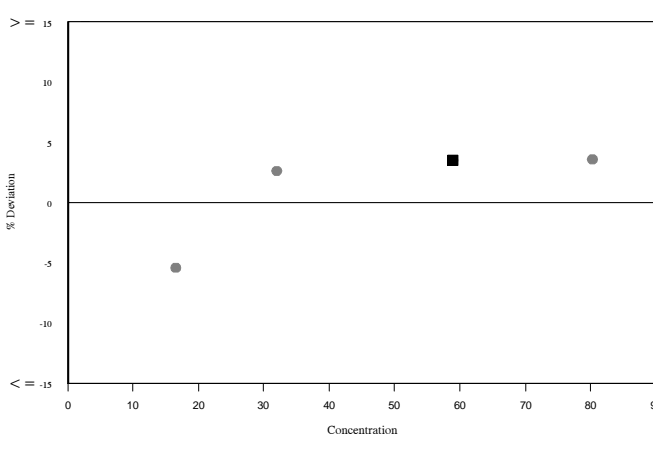
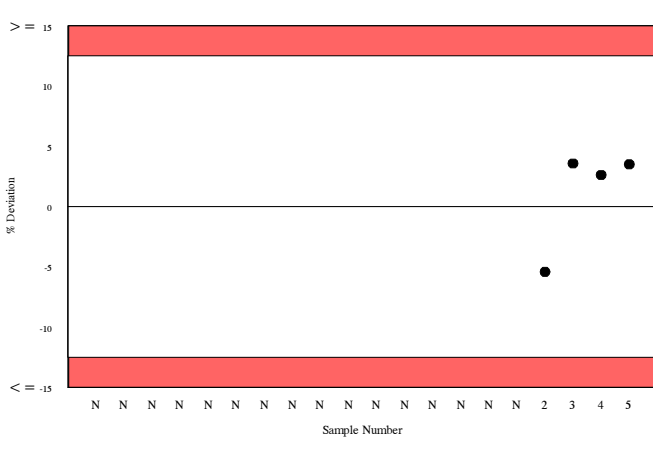
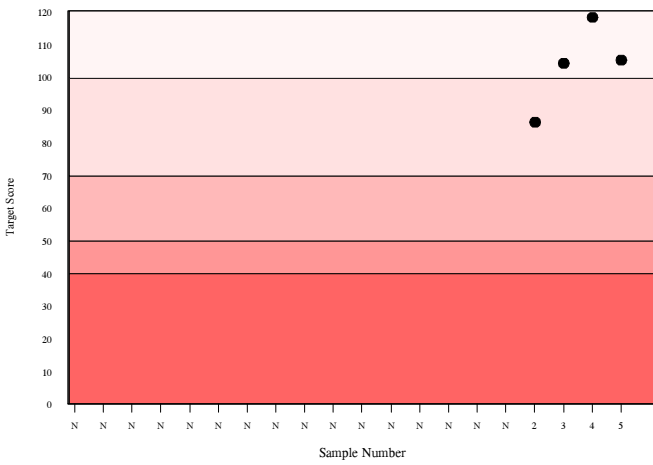
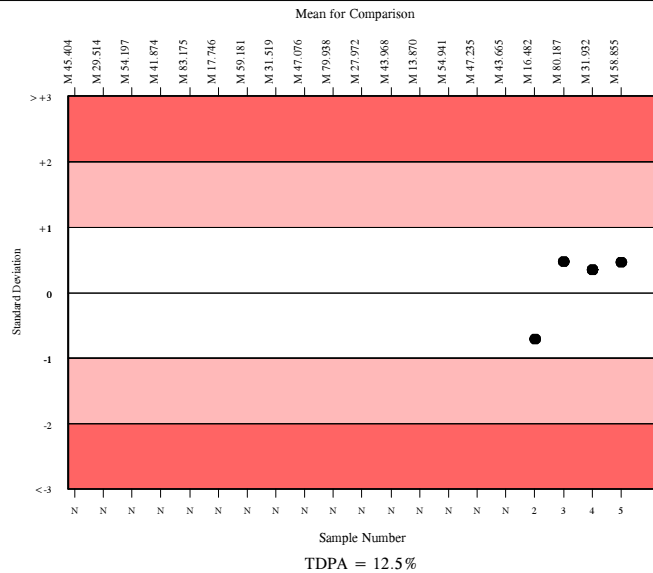


Free T4, pmol/l

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2495	51.223	19.3	0.25	3.89	138
Roche Cobas 4000/e411	362	58.855	4.7	0.18	4.47	35

▲ Your Result	60.920	SDI RMSDI	0.46 Too Few
■ Mean for Comparison	58.855	TS RMTS	105 Too Few
		%DEV RM%DEV	3.5 Too Few

Acceptable limits derived from Biological Variation	8%
Acceptable limits of performance for RIQAS	12.50%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	522	58.499	4.3	0.14
Abbott Architect	429	37.858	6.7	0.15
Roche Cobas 4000/e411	362	58.855	4.7	0.18
Siemens Centaur XP/XPT/Classic	261	38.713	5.4	0.16
Beckman DxI 600 / 800	196	49.814	3.2	0.14
Beckman Access/LXi725	92	46.508	4.4	0.26
Roche Elecsys	72	58.339	4.5	0.39
bioMerieux, VIDAS-FT4N Kit	65	63.364	4.8	0.48
Siemens/DPC Immulite 2000/2500	61	59.534	5.5	0.53
Diasorin Liaison	59	74.718	9.3	1.13
Ortho Vitros 3600/5600/ECi	25	89.865	0.2	0.05
Siemens Centaur CP	48	44.455	6.7	0.54
Tosoh	42	58.306	8.4	0.95
Siemens/DPC Immulite 1000	40	60.741	8.2	0.98
SNIBE Maglumi analysers	30	53.274	3.3	0.41
Roche Modular E170	24	58.652	3.7	0.56
CIS, RIA coated tube	12	47.377	12.7	2.16
Fujirebio Lumipulse G Series	8	47.443	2.8	0.59
Monobind Inc. ELISA / CLIA	8	39.664	21.2	3.71
Immunotech IRMA	7	45.548	6.6	1.42
Siemens Dimension Vista LOCI	6	60.371	2.2	0.67

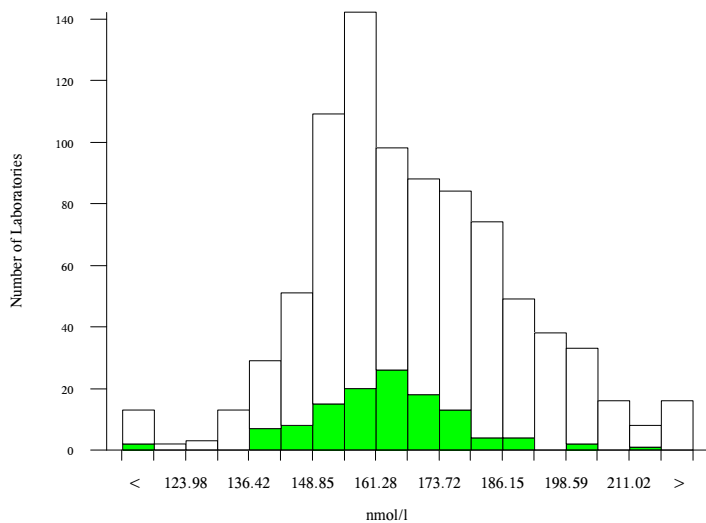


Total T4, nmol/l

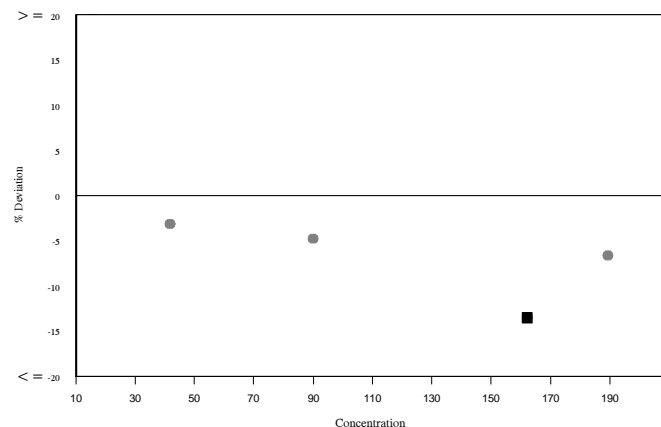
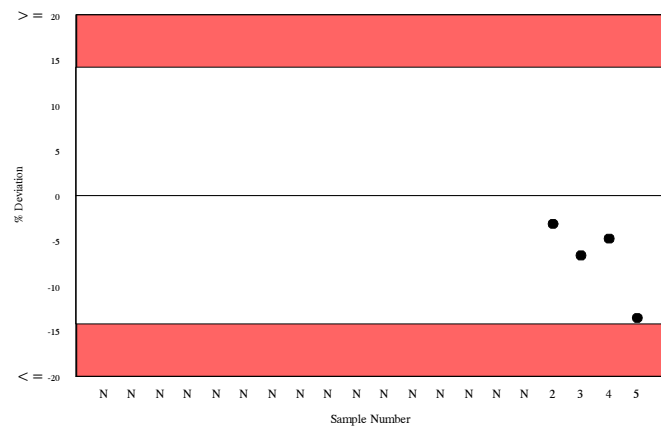
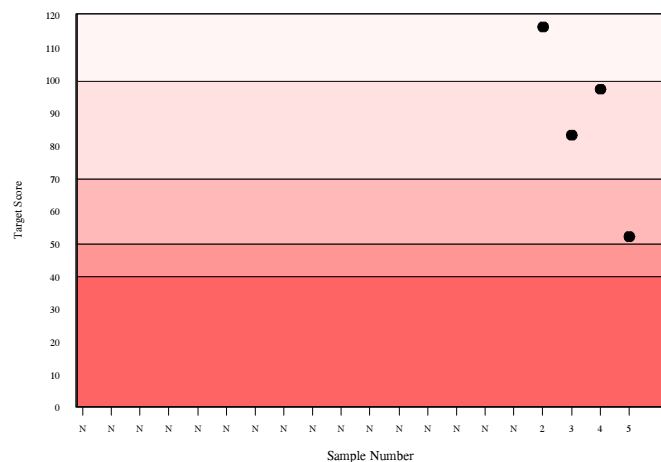
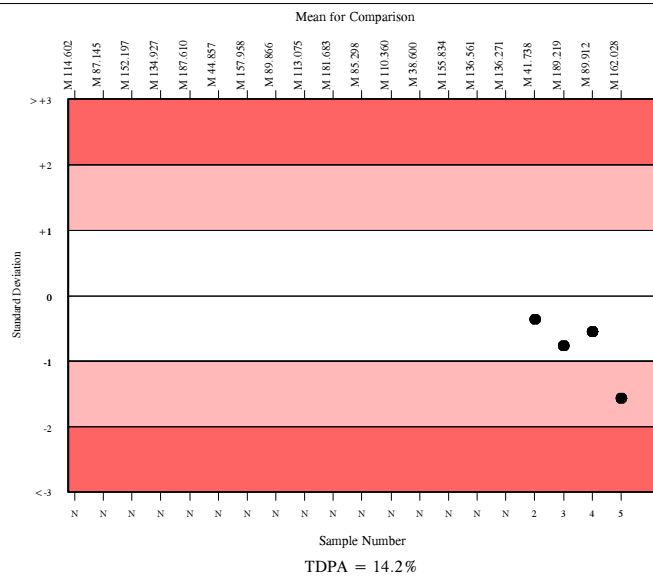
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	811	167.507	9.9	0.73	14.46	55
Roche Cobas 4000/e411	107	162.028	6.2	1.21	13.99	13

▲ Your Result	140.100	SDI	-1.57
		RMSDI	Too Few
■ Mean for Comparison	162.028	TS	52
		RMTS	Too Few
		%DEV	-13.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	7%
Acceptable limits of performance for RIQAS	14.20%



Method	N	Mean	CV%	U _m
Abbott Architect	179	163.858	7.8	1.20
Roche Cobas 6000/8000	150	155.807	3.7	0.59
Roche Cobas 4000/e411	107	162.028	6.2	1.21
Siemens Centaur XP/XPT/Classic	82	182.421	6.4	1.61
Siemens/DPC Immulite 2000/2500	53	176.232	5.8	1.74
Ortho Vitros 3600/5600/ECi	30	184.182	4.9	2.07
bioMerieux, VIDAS	28	197.456	3.8	1.78
Beckman DxI 600 / 800	25	177.036	5.8	2.55
SNIBE Maglumi analysers	20	202.748	3.4	1.94
Beckman Access/LXi725	16	173.723	7.8	4.23
Siemens Centaur CP	18	187.109	5.7	3.15
Siemens/DPC Immulite 1000	15	180.777	12.6	7.35
Roche Elecsys	11	155.271	4.9	2.89
Diasorin Liaison	11	137.046	10.4	5.39
Roche Modular E170	8	150.146	2.3	1.50
CIS, RIA coated tube	8	153.987	4.6	3.11
Tosoh	7	164.719	6.9	5.34
Immunotech RIA	6	134.757	4.2	2.92
Monobind Inc. ELISA / CLIA	4	143.199	3.5	3.12
ELISA	3	171.207	24.7	30.55
Fujirebio Lumipulse G Series	2	216.874	5.0	9.51

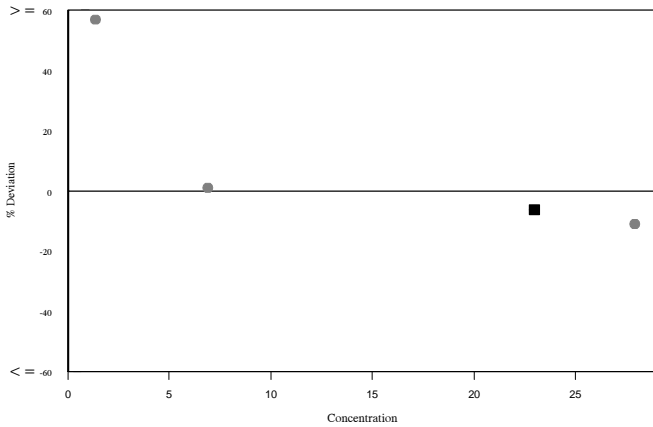
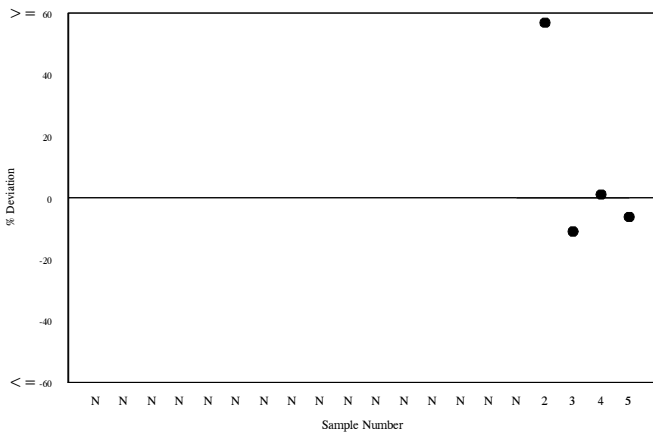
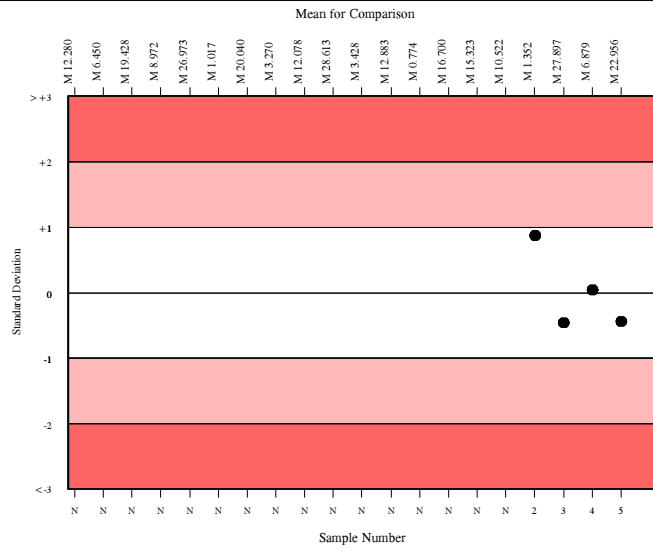
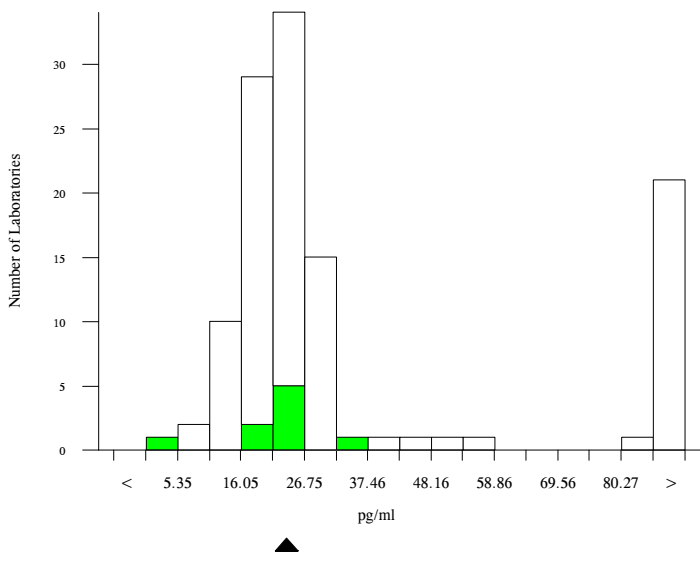


Free Testosterone (Pilot), pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	99	26.705	73.5	2.47	19.64	19
IBL ELISA	7	22.956	12.8	1.39	3.25a	2

▲ Your Result	21.520	SDI RMSDI	-0.44 Too Few
■ Mean for Comparison	22.956	TS RMTS	N/A N/A
		%DEV RM%DEV	-6.3 Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	N/A



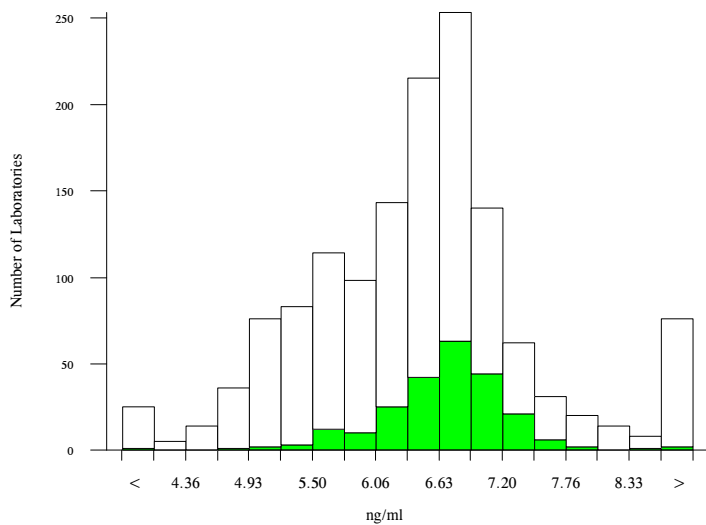
Method	N	Mean	CV%	U _m
SNIBE Maglumi analysers	16	26.462	4.6	0.38
DRG, ELISA	13	21.866	22.5	1.71
Monobind Inc. ELISA / CLIA	14	22.025	22.2	1.63
Calculated	11	128.168	18.6	9.01
IBL ELISA	7	22.956	12.8	1.39
DIAsource, RIA	7	18.315	24.9	2.16
ELISA	5	19.744	28.7	3.17
Roche Cobas 4000/e411	5	127.217	5.8	4.16
Novatec ELISA	5	22.593	3.3	0.42
DSL/Beckman Coulter, RIA	5	19.998	15.4	1.73
Diametra ELISA	4	22.247	18.7	2.59
DBC, ELISA	3	13.187	16.0	1.52
Diasorin, RIA	2	18.700	9.1	1.50
Roche Cobas 6000/8000	2	144.669	9.3	11.89
DIAsource ELISA	2	16.905	22.5	3.37
Immunotech RIA	2	23.254	17.9	3.68
Radim RIA	1	27.360	0.0	0.00

Testosterone, ng/ml

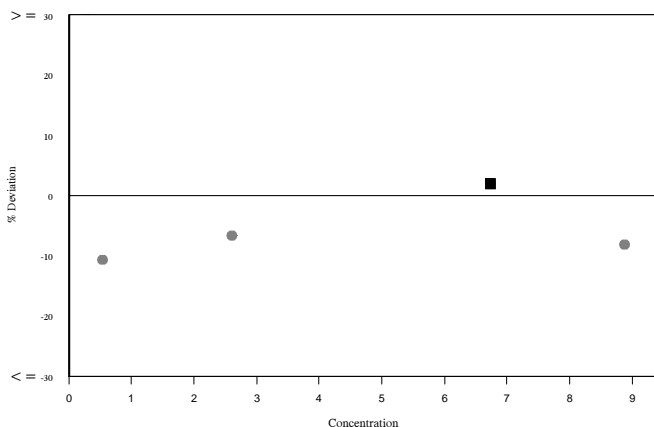
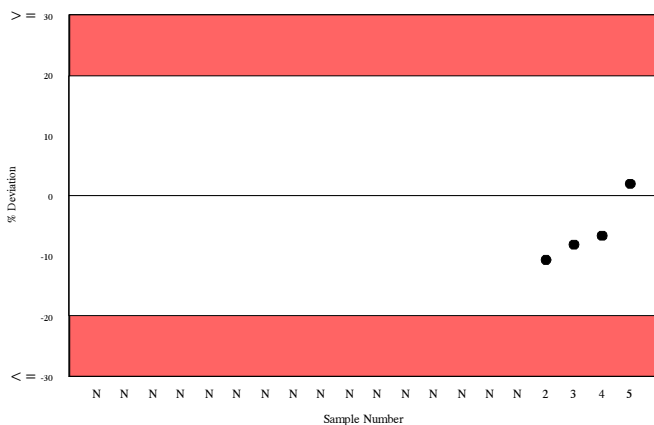
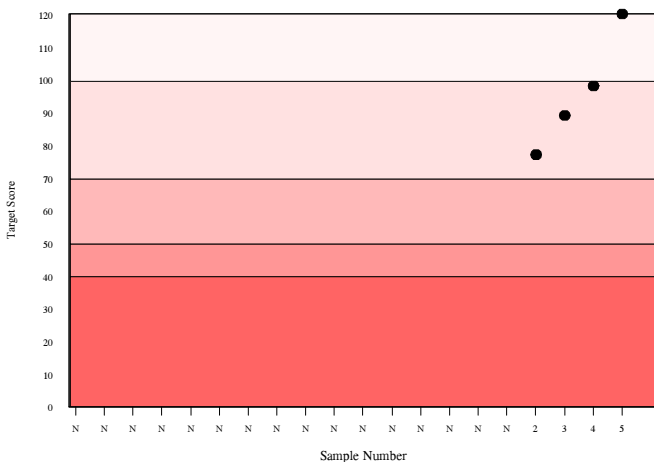
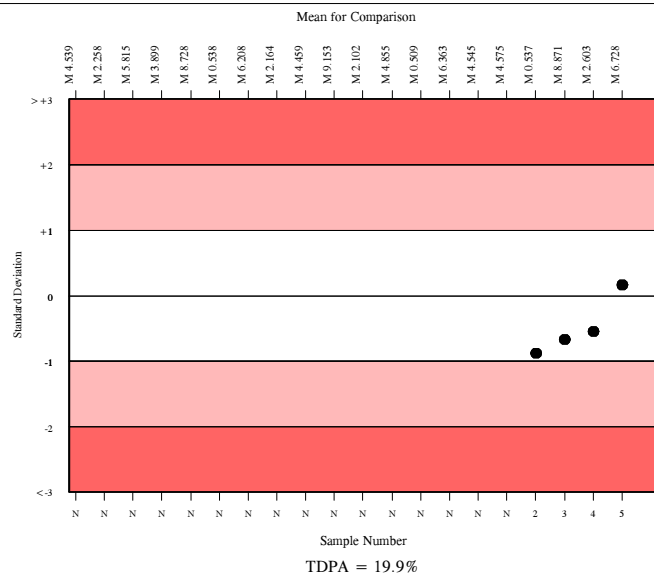
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1301	6.351	11.9	0.03	0.77	114
Roche Cobas 4000/e411 Test II	216	6.728	6.1	0.03	0.81	19

▲ Your Result	6.860	SDI	0.16
		RMSDI	Too Few
■ Mean for Comparison	6.728	TS	120
		RMTS	Too Few
		%DEV	2.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	13.61%
Acceptable limits of performance for RIQAS	19.90%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000 Test II	287	6.698	4.1	0.02
Roche Cobas 4000/e411 Test II	216	6.728	6.1	0.03
Abbott Architect	156	6.517	6.7	0.04
Siemens Centaur XP/XPT/Classic TSTO	108	5.407	9.1	0.06
Beckman DxI 600 / 800	105	5.506	4.8	0.03
Abbott Architect 2nd gen	65	6.487	5.8	0.06
bioMerieux VIDAS Testosterone II	57	5.284	8.5	0.07
Roche Elecsys Test II	47	6.532	7.2	0.09
Siemens/DPC Immulite 2000/2500	47	8.177	9.0	0.13
Beckman Access/LXi725	32	5.878	6.3	0.08
Ortho Vitros 3600/5600/ECi	24	9.078	4.0	0.09
Siemens Centaur XP/XPT/Classic TSTII	23	5.612	10.4	0.15
SNIBE Maglumi analysers	20	6.556	6.0	0.11
Roche Modular E170 Test II	21	6.703	4.6	0.08
TOSOH	20	9.013	12.2	0.31
bioMerieux, VIDAS	19	5.209	9.7	0.14
Diasorin Liaison	13	3.419	19.4	0.23
Siemens/DPC Immulite 1000	10	10.959	14.1	0.61
Siemens Centaur CP	10	5.308	7.8	0.16
CIS, RIA Coated tube	6	6.589	6.5	0.22
Fujirebio Lumipulse G Series	5	6.941	6.2	0.24

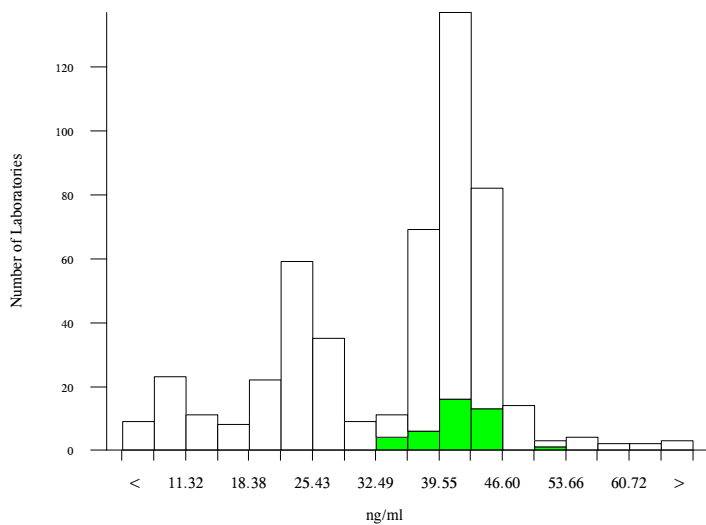


Thyroglobulin, ng/ml

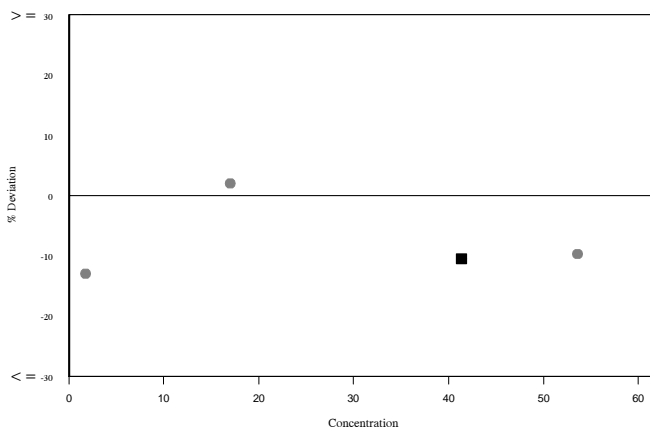
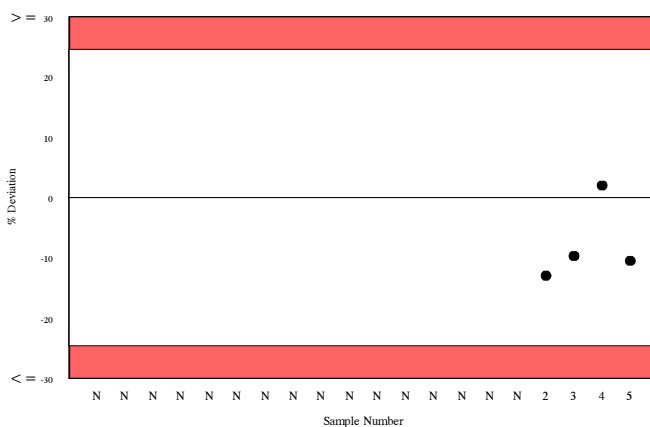
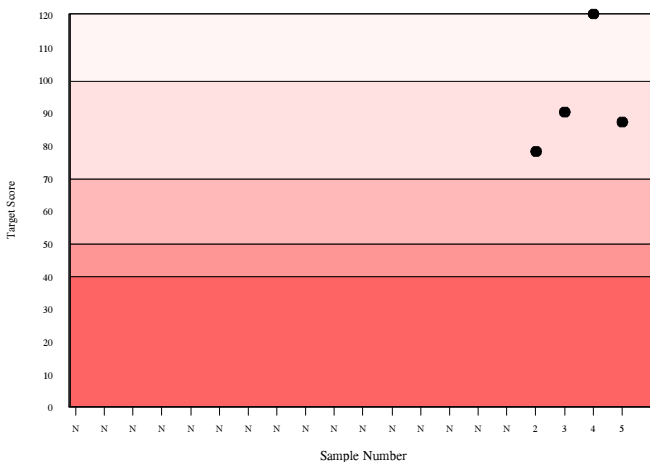
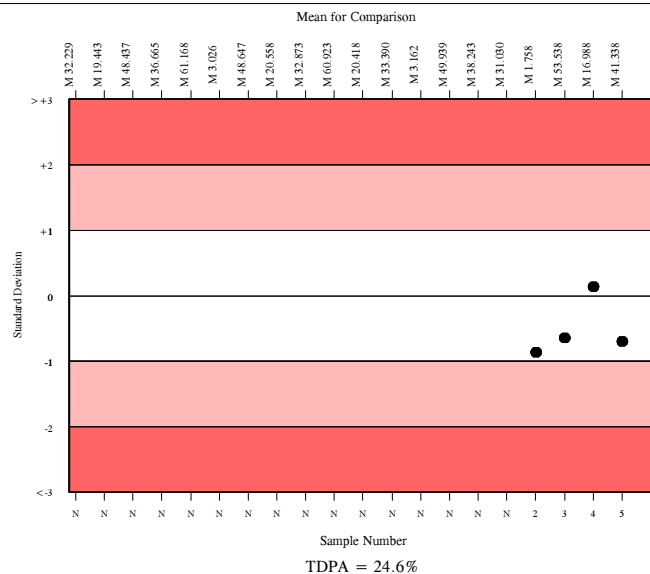
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	464	36.023	26.1	0.55	5.39	39
Roche Cobas 4000/e411 TgII	38	41.338	7.4	0.62	6.18	2

▲ Your Result	37.000	SDI	-0.70
		RMSDI	Too Few
■ Mean for Comparison	41.338	TS	87
		RMTS	Too Few
		%DEV	-10.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	21.9%
Acceptable limits of performance for RIQAS	24.60%



Method	N	Mean	CV%	U _m
DPC Immulite 2000/2500	100	24.175	8.1	0.25
Roche Cobas 6000/8000 Tg II	70	41.449	5.6	0.35
Roche Cobas 6000/8000	52	41.414	5.7	0.41
Beckman Dxi 600 / 800	44	41.359	6.3	0.49
Roche Cobas 4000/e411	38	42.112	5.9	0.50
Roche Cobas 4000/e411 TgII	38	41.338	7.4	0.62
Diasorin Liaison	25	8.462	15.6	0.33
DPC Immulite 1000	16	28.500	13.2	1.18
Tosoh	16	42.232	9.3	1.23
Roche Elecsys	11	40.323	8.5	1.29
Beckman Access	13	43.932	8.6	1.30
CIS, RIA coated tube	11	60.117	5.9	1.35
SNIBE Maglumi analysers	11	14.654	4.1	0.22
Roche Elecsys Tg II	7	41.041	6.6	1.28
Roche Modular E170 Tg II	7	41.879	5.4	1.07
Diesse, Chorus	6	10.750	20.6	1.13
Roche Modular E170	5	41.083	4.4	1.02

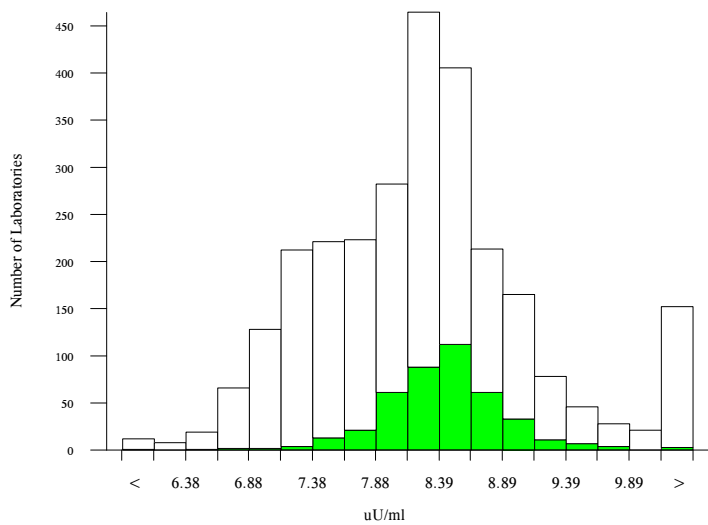
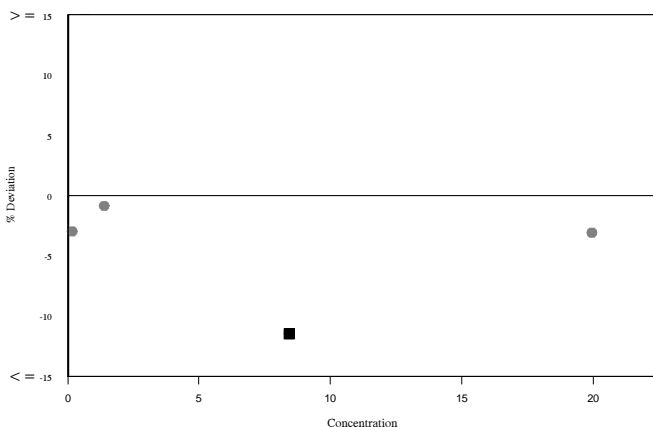
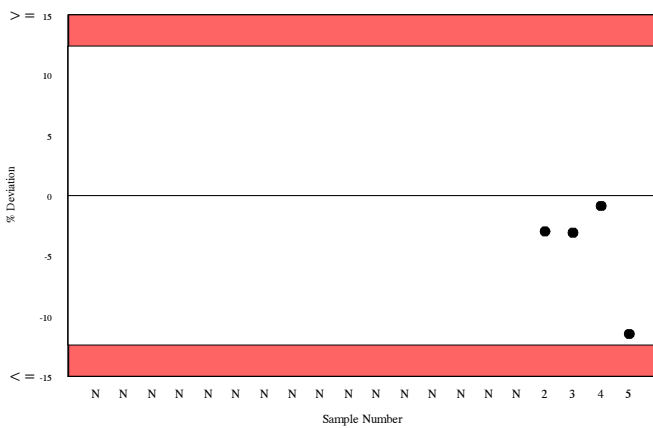
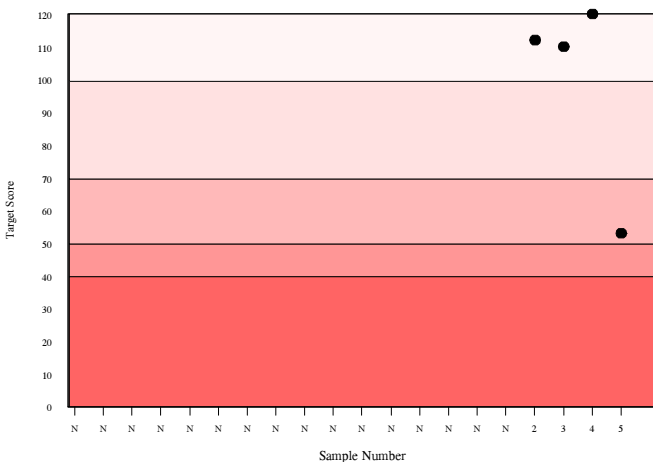
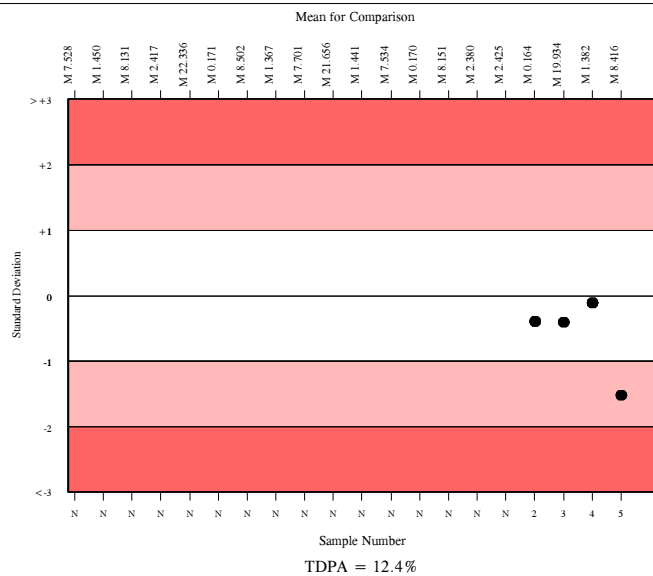


TSH, uU/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2544	8.139	8.2	0.02	0.61	199
Roche Cobas 4000/e411	390	8.416	4.3	0.02	0.63	34

▲ Your Result	7.450	SDI	-1.52
		RMSDI	Too Few
■ Mean for Comparison	8.416	TS	53
		RMTS	Too Few
		%DEV	-11.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	23.7%
Acceptable limits of performance for RIQAS	12.40%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	525	8.289	2.6	0.01
Abbott Architect	448	7.274	4.2	0.02
Roche Cobas 4000/e411	390	8.416	4.3	0.02
Siemens Centaur XP/Classic TSH3-Ultra	139	8.694	4.5	0.04
Siemens Centaur XP/XPT/Classic	108	8.789	4.2	0.04
Beckman DxI600/800 Hyper TSH	96	7.632	5.3	0.05
Roche Elecsys	76	8.296	4.2	0.05
Access/LXi725 hyper TSH 3rd gen	77	7.847	5.5	0.06
bioMerieux, VIDAS, TSH	62	8.837	5.6	0.08
Siemens/DPC Immulite 2000/2500	65	8.441	6.2	0.08
Ortho Vitros 3600/5600/ECi	63	11.115	4.2	0.07
Beckman DXI600/800 Access(3rd IS)	61	7.663	4.1	0.05
Diasorin Liaison	60	10.164	6.8	0.11
Tosoh	43	8.850	6.9	0.12
Siemens/DPC Immulite 1000	44	8.229	6.4	0.10
Siemens Centaur CP	31	8.857	4.1	0.08
Beckman DxI600/800 Fast TSH	33	7.459	4.9	0.08
SNIBE Maglumi analysers	28	10.998	4.2	0.11
Roche Modular E170	26	8.278	2.5	0.05
Siemens Centaur CP TSH3-Ultra	20	8.757	4.9	0.12
CIS, IRMA	17	8.727	2.7	0.07



RIQAS

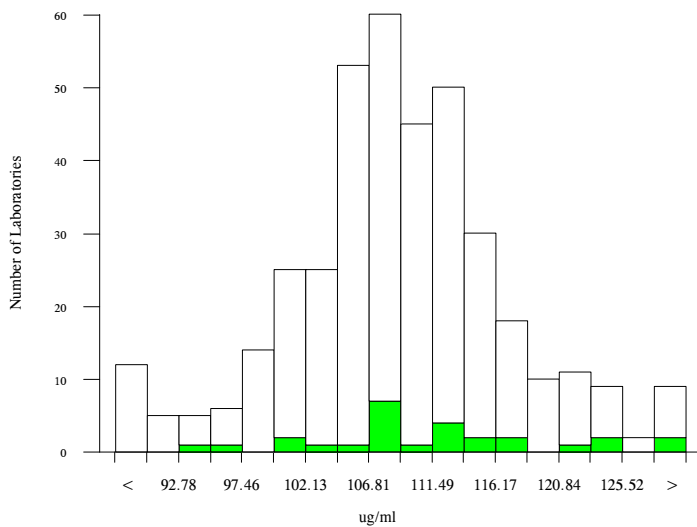
0010

Valproic acid, ug/ml

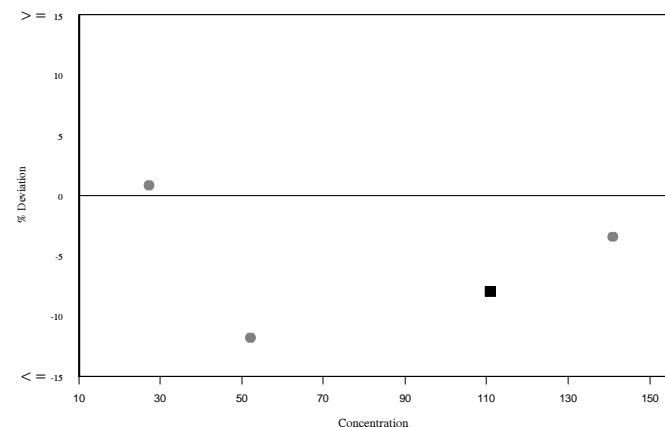
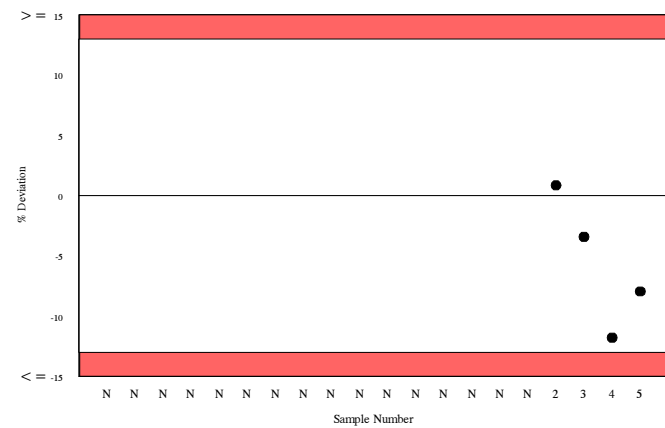
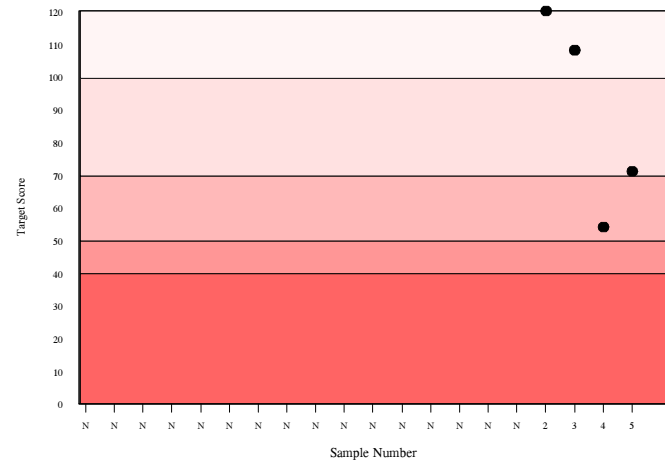
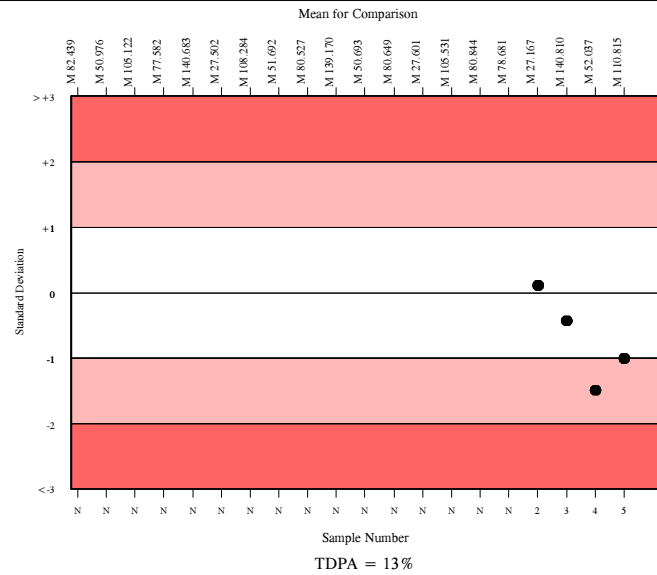
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	357	109.155	5.7	0.41	8.63	32
Siemens/DPC Immulite 2000/2500	24	110.815	6.5	1.83	8.76	3

▲ Your Result	102.000	SDI	-1.01
		RMSDI	Too Few
■ Mean for Comparison	110.815	TS	71
		RMTS	Too Few
		%DEV	-8.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.00%



Method	N	Mean	CV%	U _m
Abbott Architect	111	108.433	4.8	0.61
Roche Cobas 6000/8000	66	109.863	6.3	1.06
Siemens Centaur XP/XPT/Classic	29	106.756	5.6	1.39
Siemens/DPC Immulite 2000/2500	24	110.815	6.5	1.83
Beckman AU400/600/640/2700/5400	24	116.677	3.9	1.15
Roche Integra	21	109.545	4.2	1.27
Siemens Dimension	18	108.739	4.1	1.30
Siemens/DPC Immulite 1000	14	111.605	5.6	2.10
Beckman DxC	11	101.915	5.6	2.15
Ortho Vitros 4600/5600/5.1	9	105.436	8.1	3.57
Siemens Advia 1200/1650/1800/2400	5	114.220	2.9	1.83
Roche Cobas 4000/c311	6	108.017	2.7	1.51
Abbott AxSYM	4	106.960	5.2	3.50
Siemens Centaur CP	4	105.833	11.2	7.41
Siemens Syva/Emit	2	113.500	11.8	11.87
Roche Modular P/D	2	107.500	8.3	7.87
Randox RX Series	2	96.580	1.4	1.22

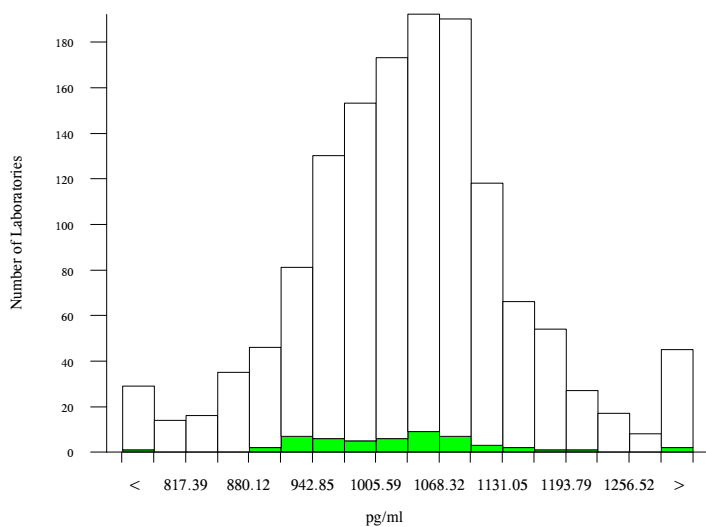


Vitamin B12, pg/ml

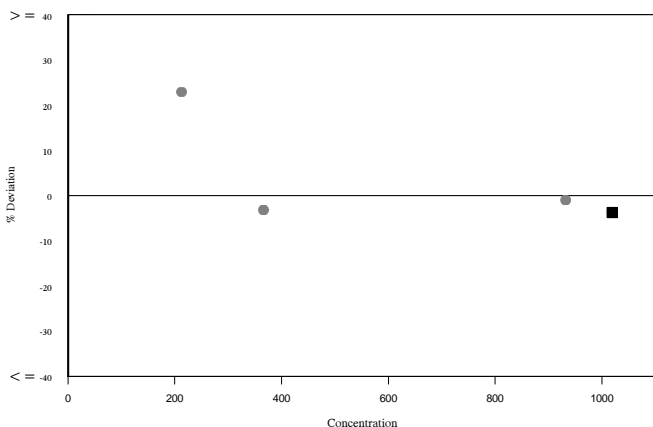
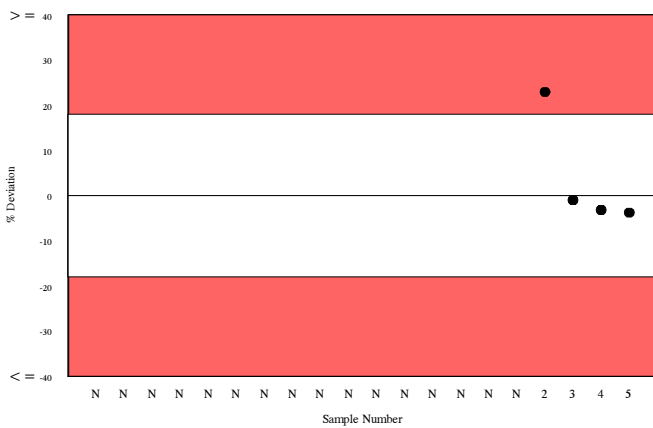
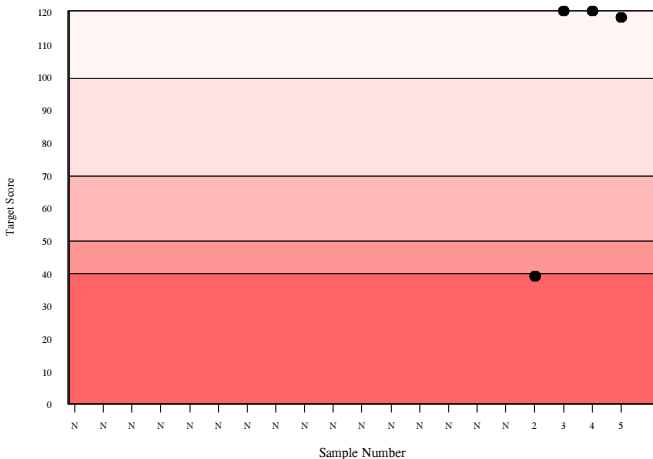
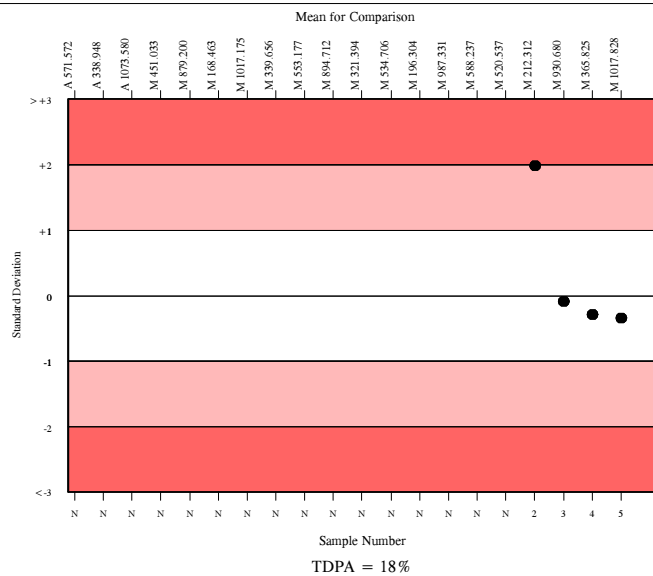
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1296	1036.959	8.1	2.90	113.48	103
Roche Cobas 4000/e411 Gen II	47	1017.828	6.8	12.56	111.38	5

▲ Your Result	979.600	SDI	-0.34
		RMSDI	Too Few
■ Mean for Comparison	1017.828	TS	118
		RMTS	Too Few
		%DEV	-3.8
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	30%
Acceptable limits of performance for RIQAS	18.00%



Method	N	Mean	CV%	U _m
Abbott Architect	250	1028.450	5.8	4.74
Roche Cobas 6000/8000	235	1061.413	4.3	3.68
Roche Cobas 4000/e411	164	1028.044	7.0	6.99
Siemens Centaur XP/XPT/Classic	154	1154.106	6.6	7.67
Beckman DxI 600 / 800	145	967.102	7.0	6.99
Roche Cobas 6000/8000 Gen II	63	1052.971	3.8	6.38
Roche Cobas 4000/e411 Gen II	47	1017.828	6.8	12.56
Beckman Access/LXi725	44	945.596	7.9	14.09
Siemens/DPC Immulite 2000	34	880.992	9.4	17.71
Roche Elecsys	34	1013.597	7.0	15.17
Ortho Vitros 3600/5600/ECi	25	929.400	5.9	13.77
Roche Modular E170	20	1072.507	2.4	7.13
Siemens Centaur CP	14	1151.327	4.6	17.81
SNIBE Maglumi analysers	15	1045.520	4.2	14.12
TOSOH	8	1408.844	3.0	18.92
Siemens Dimension	5	985.752	4.2	23.23
Siemens/DPC Immulite 1000	6	878.539	20.1	90.16
MP Biomedicals RIA	6	991.027	4.4	22.30
Roche Modular E170 Gen II	3	1045.800	5.8	43.62
Abbott AxSYM	2	898.800	16.6	131.50



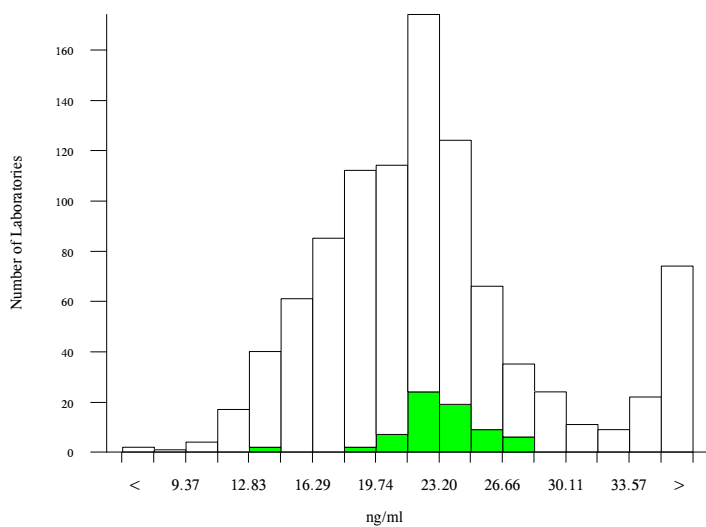
RIQAS

25-OH-Vitamin D, ng/ml

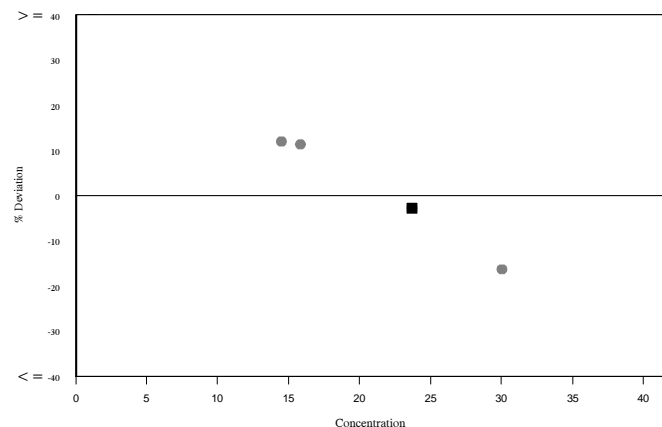
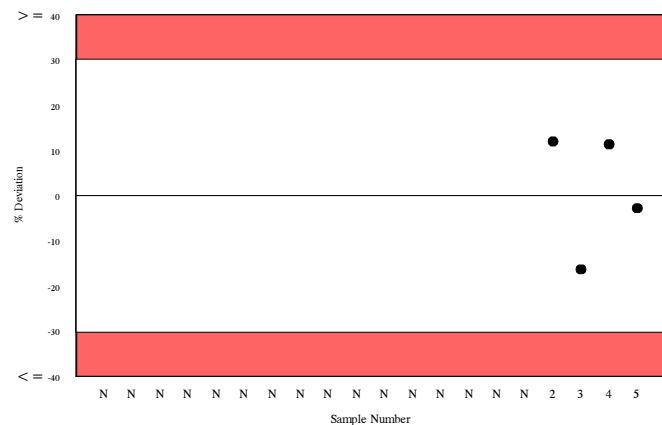
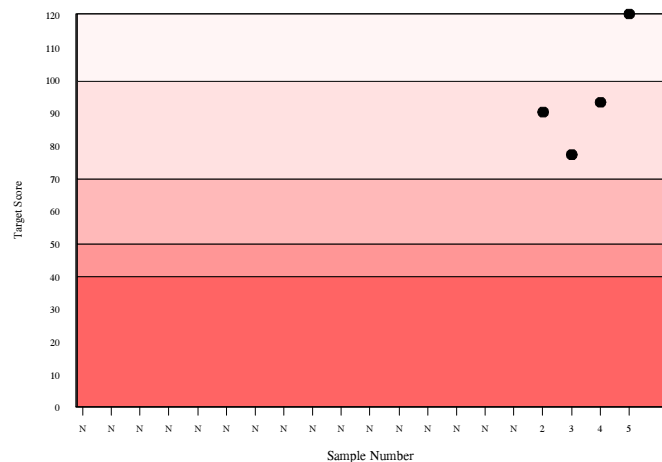
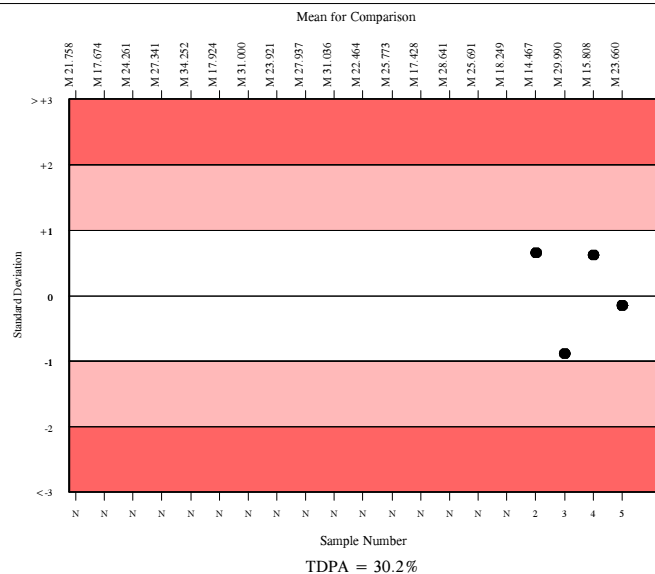
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	895	21.478	21.5	0.19	3.94	81
bioMerieux Vidas/mini Vidas/Vidas 3	64	23.660	7.5	0.28	4.34	6

▲ Your Result	23.000	SDI	-0.15
		RMSDI	Too Few
■ Mean for Comparison	23.660	TS	120
		RMTS	Too Few
		%DEV	-2.8
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	30.20%



Method	N	Mean	CV%	U _m
Roche Vitamin D Total	347	18.303	15.1	0.19
Abbott Architect	182	22.939	5.0	0.11
Siemens Centaur XP/XPT/Classic	77	37.369	7.3	0.39
Beckman DxI 600 /800	68	19.945	11.1	0.34
Diasorin Liaison	68	26.383	9.0	0.36
bioMerieux Vidas/mini Vidas/Vidas 3	64	23.660	7.5	0.28
Ortho Vitros 3600/5600/ECi	23	31.462	13.9	1.14
Beckman Access 25 OH Vitamin D Total	17	23.494	12.4	0.88
SNIBE Maglumi Analyser	15	15.497	7.8	0.39
Fujirebio Lumipulse G Series	8	25.000	2.5	0.28
TOSOH	7	24.686	11.4	1.33
IDS iSYS	6	27.000	17.7	2.44
ELISA	4	24.676	36.9	5.69
HPLC/UPLC	4	25.871	13.7	2.22
LC/MS	3	27.213	11.0	2.17
Diesse,Chorus	2	34.300	1.2	0.37



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	38.800	23.000	-1.18	Too Few	-40.7	Too Few	N/A	N/A	
AFP	135.428	107.500	<u>-2.25</u>	Too Few	<u>-20.6</u>	Too Few	<u>36</u>	Too Few	▲
Aldosterone	333.033	276.000	-0.66	Too Few	-17.1	Too Few	85	Too Few	
Androstenedione	6.911	6.920	0.01	Too Few	0.1	Too Few	120	Too Few	
Beta-2-Microglobulin	4.390	3.990	-0.87	Too Few	-9.1	Too Few	78	Too Few	
CA 125	165.607	178.500	0.99	Too Few	7.8	Too Few	72	Too Few	
CA 15-3	69.847	68.060	-0.30	Too Few	-2.6	Too Few	120	Too Few	
CA 19-9	98.377	81.670	-1.76	Too Few	<u>-17.0</u>	Too Few	<u>47</u>	Too Few	
CEA	37.756	35.870	-0.61	Too Few	-5.0	Too Few	93	Too Few	
Cortisol	763.875	755.200	-0.13	Too Few	-1.1	Too Few	120	Too Few	
C-Peptide	7.925	7.900	-0.02	Too Few	-0.3	Too Few	120	Too Few	
DHEA-S	744.569	801.000	0.68	Too Few	7.6	Too Few	88	Too Few	
Digoxin	2.691	2.220	-1.48	Too Few	-17.5	Too Few	52	Too Few	
Ferritin	222.494	171.500	<u>-2.67</u>	Too Few	<u>-22.9</u>	Too Few	<u>29</u>	Too Few	▲
Folate	8.239	7.970	-0.26	Too Few	-3.3	Too Few	120	Too Few	
FSH	35.661	33.610	-0.74	Too Few	-5.8	Too Few	84	Too Few	
GH	9.812	9.630	-0.15	Too Few	-1.9	Too Few	120	Too Few	
hCG	184.159	161.600	-1.45	Too Few	-12.2	Too Few	55	Too Few	
IgE	314.250	294.800	-0.73	Too Few	-6.2	Too Few	85	Too Few	
Insulin	18.613	19.450	0.38	Too Few	4.5	Too Few	114	Too Few	
LH	38.495	41.860	1.20	Too Few	8.7	Too Few	64	Too Few	
Oestradiol	383.746	382.000	-0.04	Too Few	-0.5	Too Few	120	Too Few	
17-OH-Progesterone	7.512	5.840	-1.25	Too Few	-22.3	Too Few	N/A	N/A	
Progesterone	21.989	23.240	0.51	Too Few	5.7	Too Few	100	Too Few	
Prolactin	990.917	969.600	-0.15	Too Few	-2.2	Too Few	120	Too Few	
PSA, Free	18.244	17.670	-0.44	Too Few	-3.1	Too Few	107	Too Few	
PSA, Total	27.876	25.200	-1.28	Too Few	-9.6	Too Few	61	Too Few	
Parathyroid hormone	632.513	660.200	0.29	Too Few	4.4	Too Few	N/A	N/A	
Sex Hormone Binding Globulin	44.359	39.870	-1.24	Too Few	-10.1	Too Few	62	Too Few	
Free T3	22.390	22.860	0.24	Too Few	2.1	Too Few	120	Too Few	
Total T3	5.453	5.920	0.93	Too Few	8.6	Too Few	75	Too Few	
Free T4	58.855	60.920	0.46	Too Few	3.5	Too Few	105	Too Few	
Total T4	162.028	140.100	-1.57	Too Few	-13.5	Too Few	52	Too Few	
Free Testosterone (Pilot)	22.956	21.520	-0.44	Too Few	-6.3	Too Few	N/A	N/A	
Testosterone	6.728	6.860	0.16	Too Few	2.0	Too Few	120	Too Few	
Thyroglobulin	41.338	37.000	-0.70	Too Few	-10.5	Too Few	87	Too Few	
TSH	8.416	7.450	-1.52	Too Few	-11.5	Too Few	53	Too Few	
Valproic acid	110.815	102.000	-1.01	Too Few	-8.0	Too Few	71	Too Few	
Vitamin B12	1017.828	979.600	-0.34	Too Few	-3.8	Too Few	118	Too Few	
25-OH-Vitamin D	23.660	23.000	-0.15	Too Few	-2.8	Too Few	120	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

END OF REPORT