

Dena Laboratory

MONTHLY IMMUNOASSAY

CYCLE 15 SAMPLE 8

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: 31/08/2017

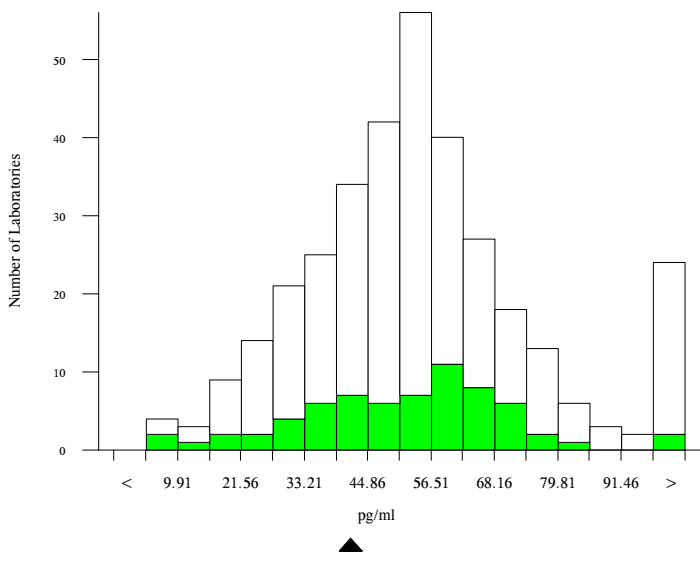
Randox Laboratories Limited
55 Diamond Road
CRUMLIN BT29 4QY
Tel: +44 (0)28 9445 4399
Fax: +44 (0)28 9445 4398
Email: mail@riqas.com

ACTH, pg/ml

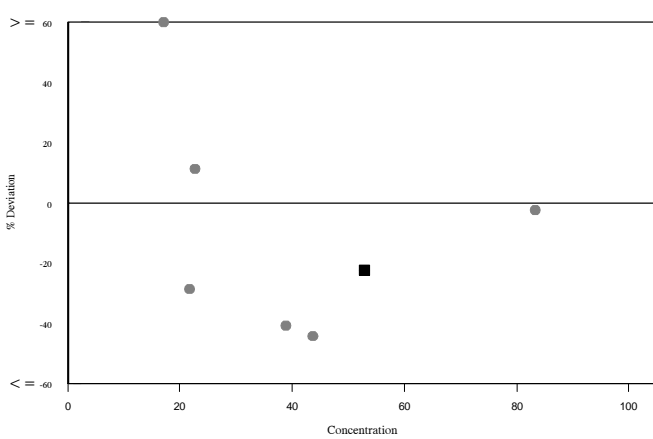
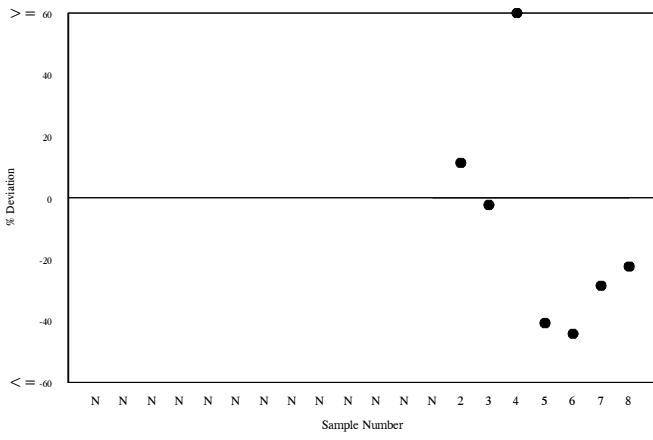
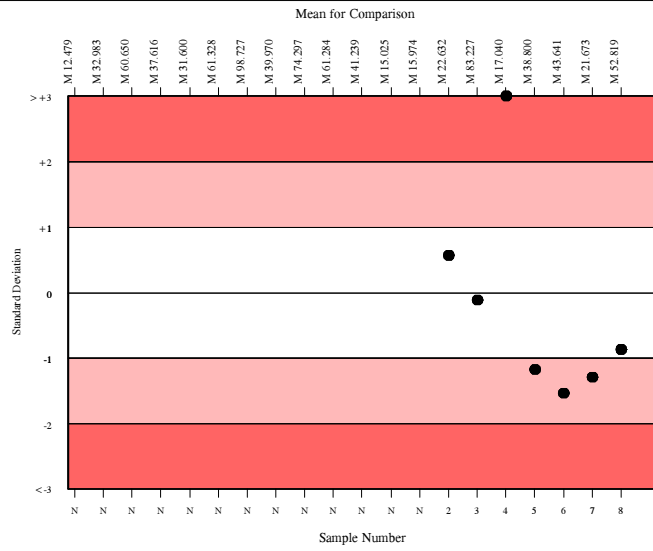
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	308	50.692	30.6	1.11	15.53	34
Roche Cobas 4000/e411	59	52.819	25.7	2.21	13.56	8

▲ Your Result	41.020	SDI RMSDI	-0.87 Too Few
■ Mean for Comparison	52.819	TS RMTS	N/A N/A
		%DEV RM%DEV	-22.3 Too Few

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



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	106	45.763	21.8	1.21
Roche Cobas 6000/8000	70	58.253	23.4	2.04
Roche Cobas 4000/e411	59	52.819	25.7	2.21
Siemens/DPC Immulite 1000	22	51.906	10.0	1.39
Diasorin Liaison	21	65.187	44.9	7.99
SNIBE Maglumi analysers	14	104.887	4.2	1.49
Roche Elecsys	5	59.494	31.5	10.48
TOSOH	3	54.133	33.2	12.98
CIS, IRMA	3	78.900	26.0	14.82
Roche Modular E170	2	51.795	26.4	12.09

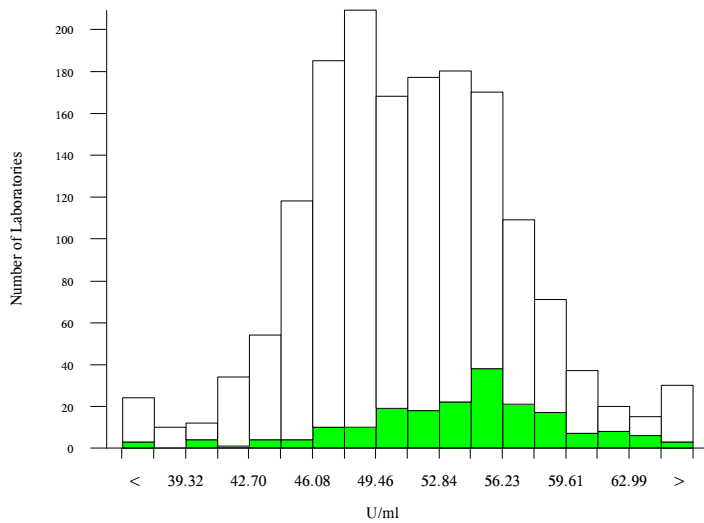


AFP, U/ml

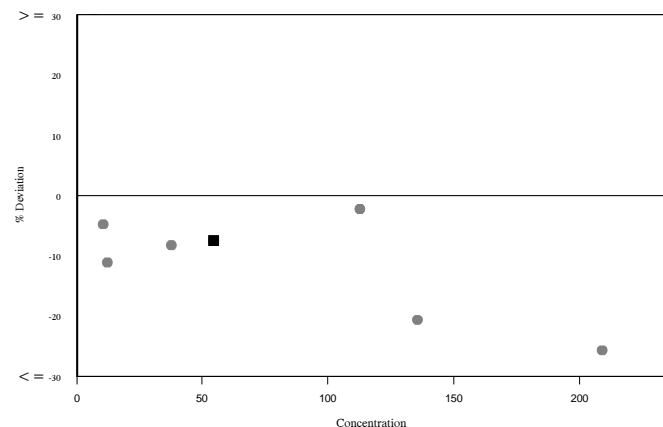
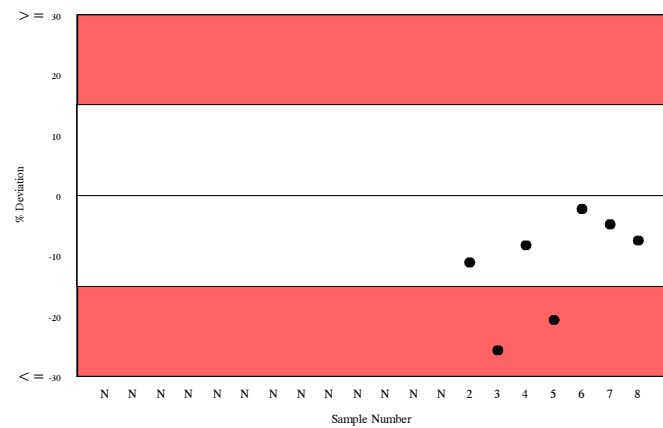
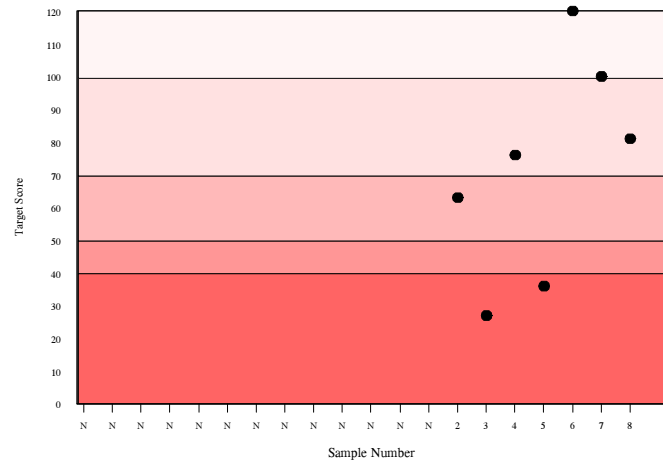
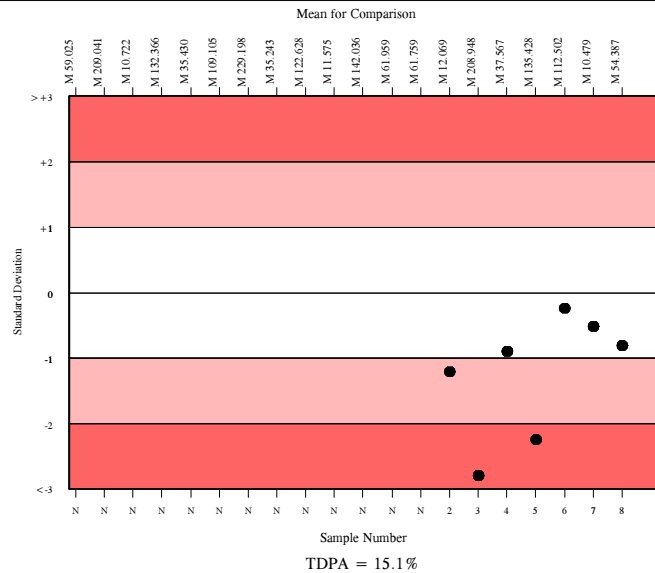
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1518	51.158	8.8	0.14	4.70	105
Roche Cobas 4000/e411	179	54.387	7.8	0.39	4.99	16

▲ Your Result	50.330	SDI	-0.81
		RMSDI	Too Few
■ Mean for Comparison	54.387	TS	81
		RMTS	Too Few
		%DEV	-7.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	21.9%
Acceptable limits of performance for RIQAS	15.10%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	342	53.796	5.0	0.18
Abbott Architect	296	48.033	3.3	0.12
Roche Cobas 4000/e411	179	54.387	7.8	0.39
Siemens Centaur XP/XPT/Classic	146	55.382	5.2	0.30
Beckman DxI 600 / 800	144	47.573	7.5	0.37
bioMerieux, Vidas/Mini Vidas	55	47.643	8.7	0.70
Siemens/DPC Immulite 2000/2500	55	47.297	4.7	0.38
Roche Elecsys	45	53.873	7.0	0.70
Beckman Access/LXi725	40	50.739	10.3	1.04
Ortho Vitros 3600/5600/ECi	30	50.716	8.2	0.95
DiaSorin, Liaison	29	52.449	10.0	1.22
SNIBE Maglumi analysers	20	45.842	3.9	0.50
Tosoh	21	45.734	7.3	0.91
Siemens Centaur CP	16	54.853	8.0	1.37
Roche Modular E170	14	53.986	2.8	0.51
CIS, IRMA	14	74.074	8.5	2.10
Siemens/DPC Immulite 1000	11	45.130	9.1	1.55
Siemens Dimension	6	53.572	3.9	1.06
Fujirebio Lumipulse G Series	6	50.340	3.1	0.80
ELISA	3	53.065	16.0	6.12
Brahms Kryptor	2	54.317	9.4	4.52



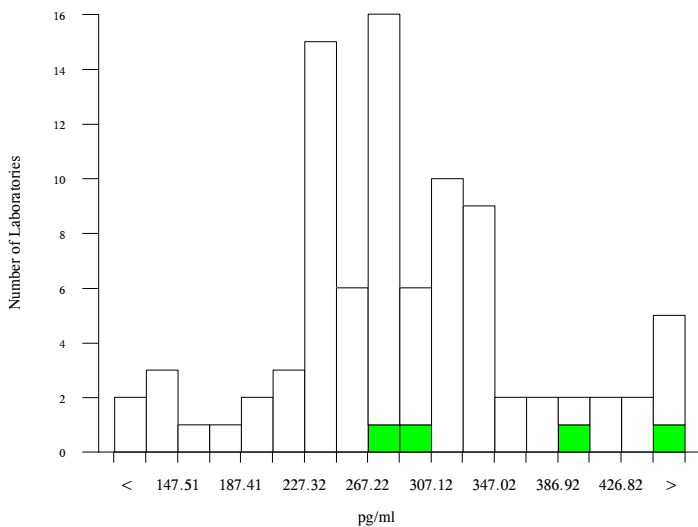
Aldosterone, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	77	287.174	18.5	7.58	67.39	12
DiaMetra ELISA	3	325.467	21.4	50.26	91.43a	1

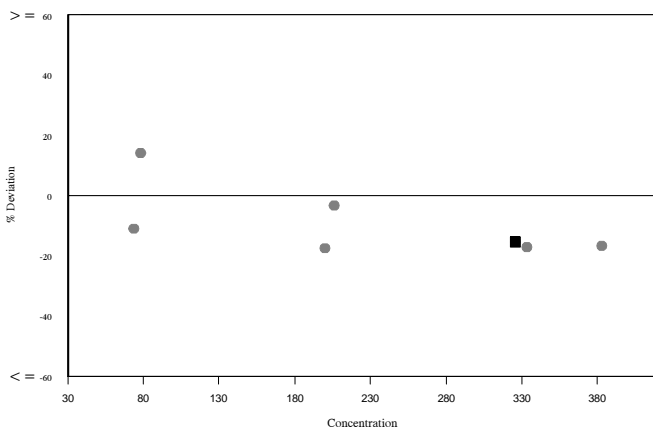
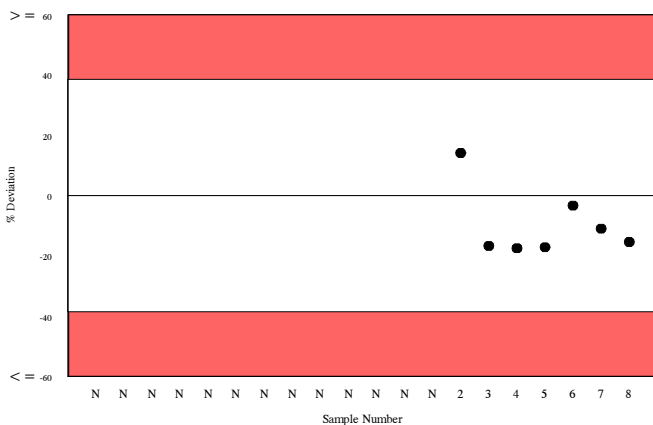
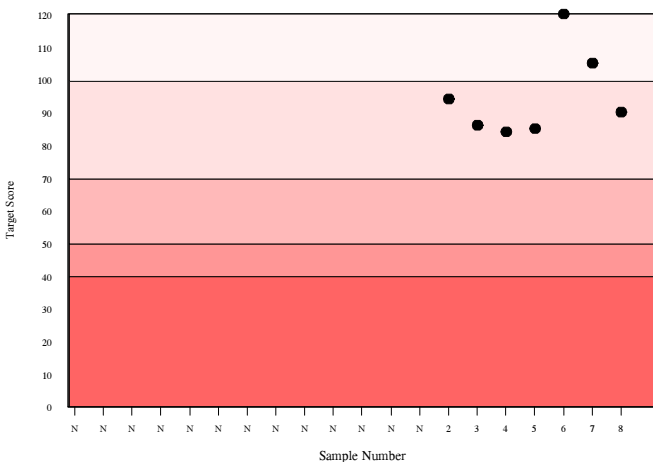
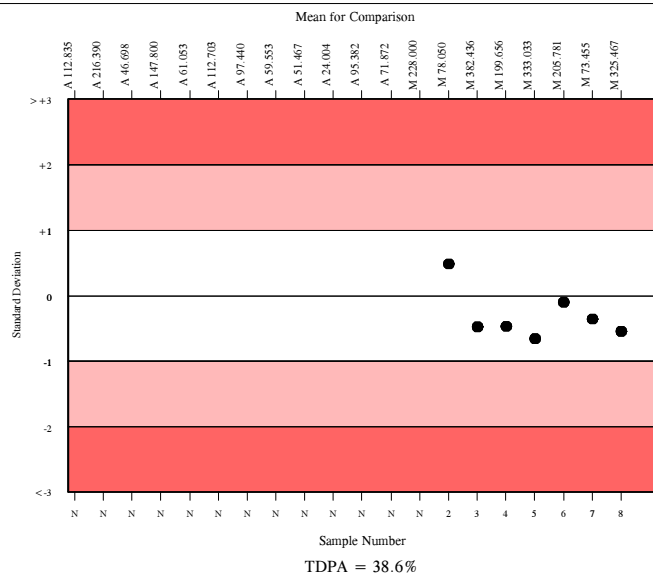
▲ Your Result	275.400	SDI	-0.55
		RMSDI	Too Few
■ Mean for Comparison	325.467	TS	90
		RMTS	Too Few
		%DEV	-15.4
		RM%DEV	Too Few

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	23	303.261	8.2	6.48
SNIBE Maglumi analysers	12	242.012	1.2	1.01
DRG, ELISA	9	338.407	28.5	40.19
Immunotech RIA	7	399.841	24.6	46.41
ELISA	6	281.813	15.2	21.80
CIS, RIA	5	135.788	12.3	9.33
IDS iSYS	5	377.320	16.1	34.03
DiaMetra ELISA	3	325.467	21.4	50.26
AutoBio CLIA	3	242.727	28.6	50.02
IBL International ELISA	2	303.615	17.9	48.02
Diasorin, RIA	2	289.000	11.7	30.00
DBE, ELISA	2	234.350	29.4	60.81
ZenTech RIA	2	285.300	15.5	39.12

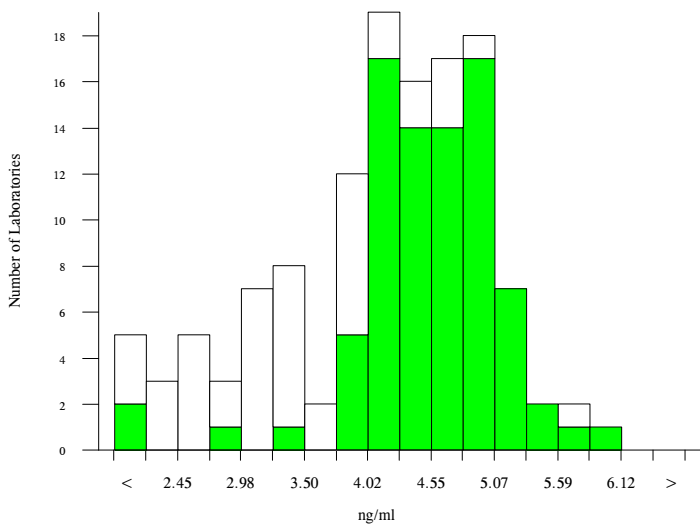


Androstenedione, ng/ml

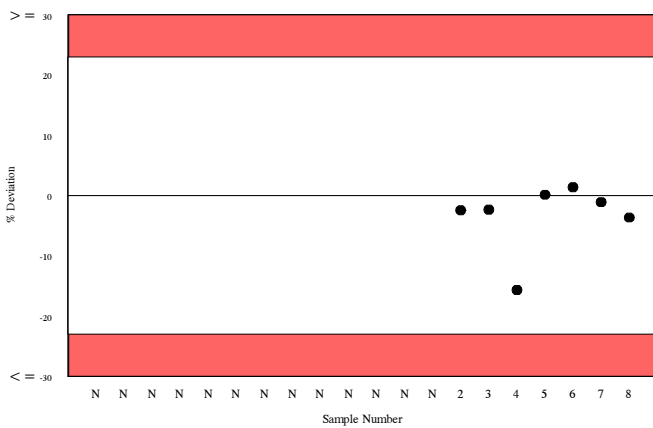
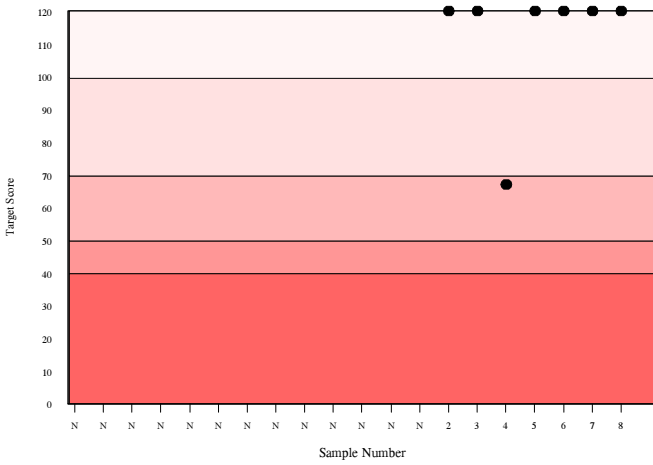
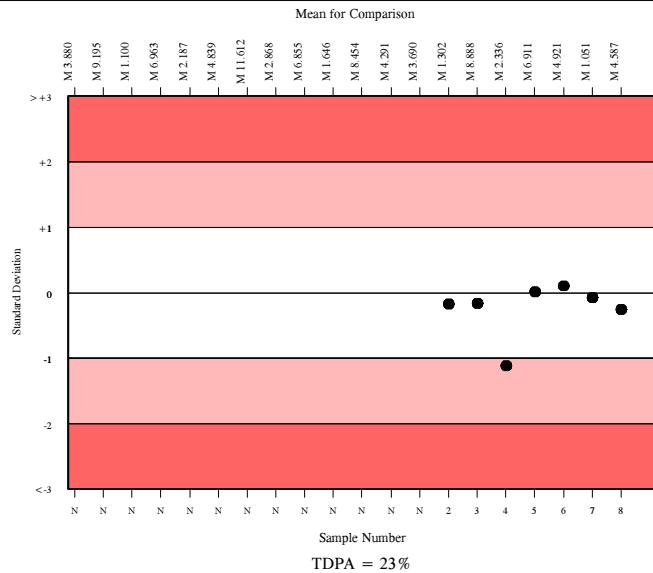
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	116	4.290	16.3	0.08	0.60	11
Siemens/DPC Immulite 2000	75	4.587	8.3	0.06	0.64	7

▲ Your Result	4.420	SDI	-0.26
		RMSDI	Too Few
■ Mean for Comparison	4.587	TS	120
		RMTS	Too Few
		%DEV	-3.6
		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	75	4.587	8.3	0.06
Siemens/DPC Immulite 1000	14	3.833	12.8	0.16
Beckman Coulter Active RIA	7	2.754	19.4	0.25
DRG, ELISA	6	3.440	35.8	0.63
DIAsource, RIA	5	3.410	24.4	0.47
DiaMetra ELISA	4	2.768	17.6	0.30
DIAsource, ELISA	2	2.970	20.5	0.54
Labor Diagnostike Nord ELISA	2	4.370	41.1	1.59
Novatec ELISA	2	2.530	9.5	0.21

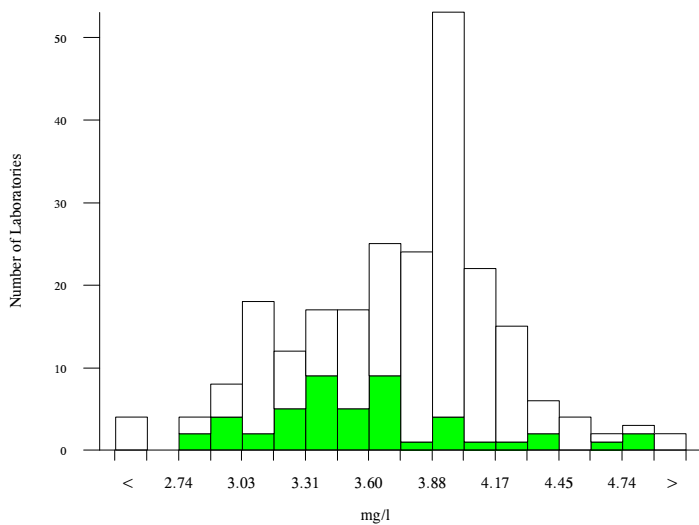


Beta-2-Microglobulin, mg/l

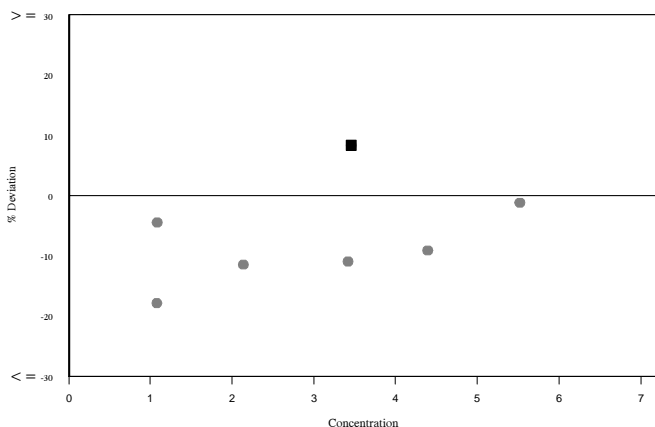
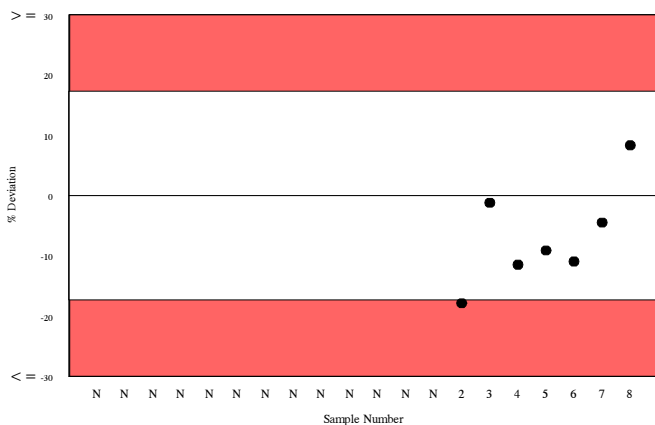
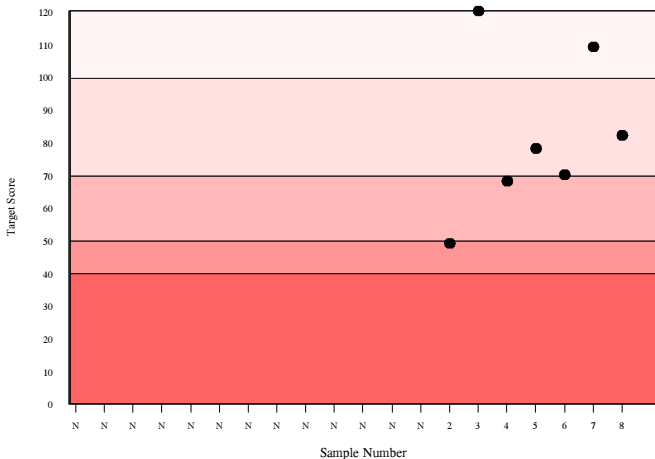
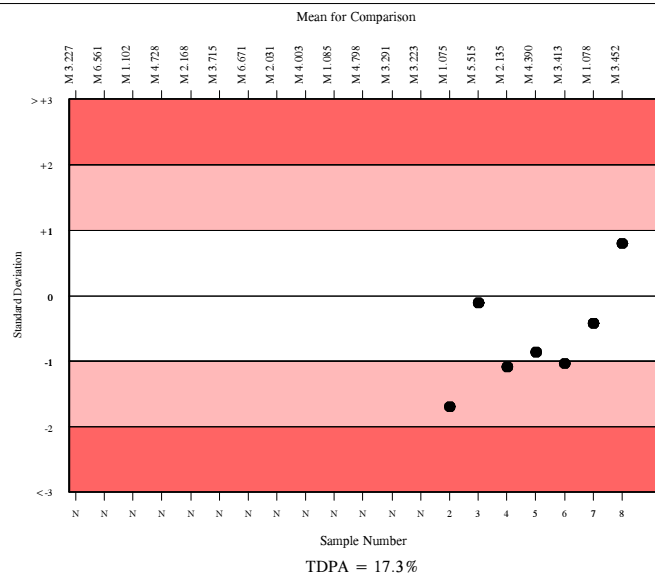
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	221	3.745	10.2	0.03	0.39	16
Siemens/DPC Immulite 2000/2500	42	3.452	9.1	0.06	0.36	6

▲ Your Result	3.740	SDI	0.79
		RMSDI	Too Few
■ Mean for Comparison	3.452	TS	82
		RMTS	Too Few
		%DEV	8.3
		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	42	3.452	9.1	0.06
Roche Cobas 6000/8000	36	3.925	4.3	0.03
bioMerieux, VIDAS	32	3.681	8.8	0.07
Abbott Architect	24	3.984	1.9	0.02
SNIBE Maglumi analysers	11	3.120	1.2	0.01
Siemens/Behring Nephelometer	12	3.958	5.2	0.07
Diasorin Liaison	12	3.226	8.6	0.10
Beckman AU400/600/640/2700/5400	8	4.081	2.2	0.04
Roche Tinaquant	5	3.915	2.3	0.05
Siemens/DPC Immulite 1000	4	3.681	16.5	0.38
Roche Cobas 4000/c311	4	4.085	5.2	0.13
Siemens Advia 1200/1650/1800/2400	3	3.850	3.9	0.11
Siemens Dimension	3	3.536	32.1	0.82
Roche Modular P	3	3.860	8.3	0.23
Beckman Image	2	3.965	20.2	0.71
Biolatex Immunoassay	2	3.295	12.7	0.37
DakoCytomation PET kit	2	4.895	3.3	0.14
Fujirebio Lumipulse G Series	2	3.450	7.0	0.21
Immunotech RIA	2	4.228	11.0	0.41

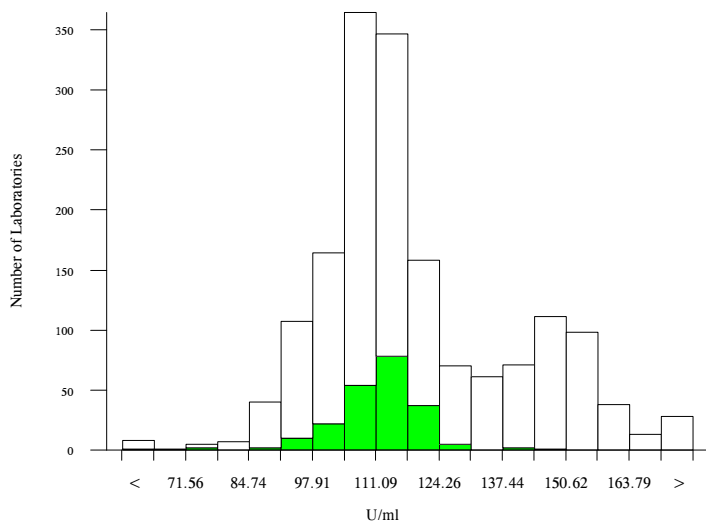


CA 125, U/ml

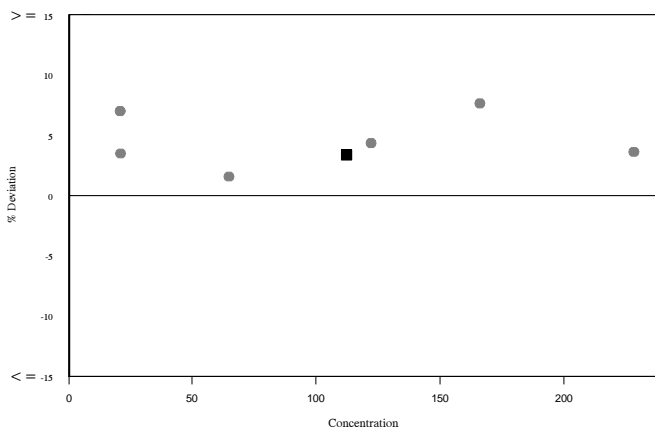
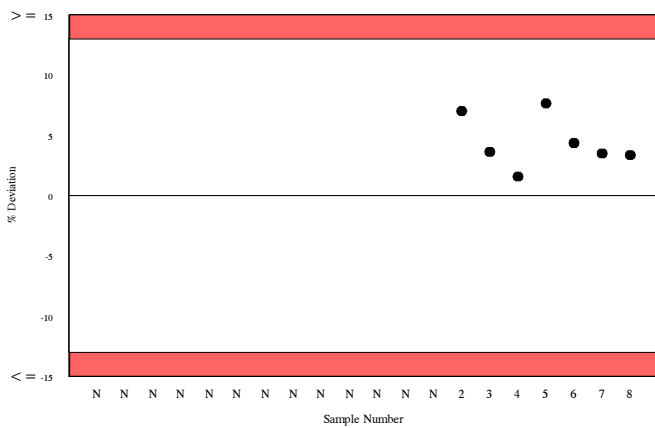
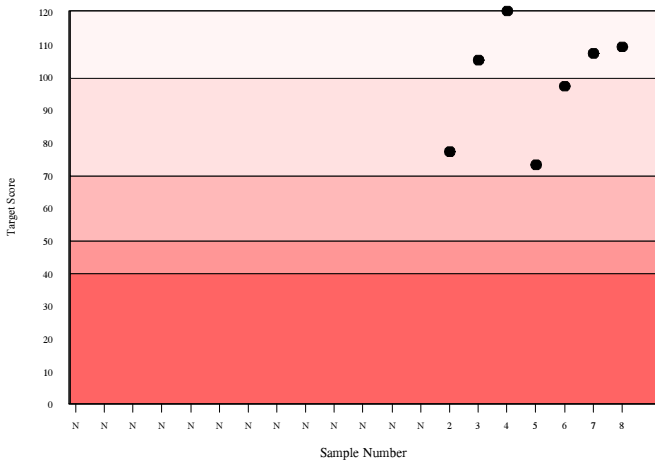
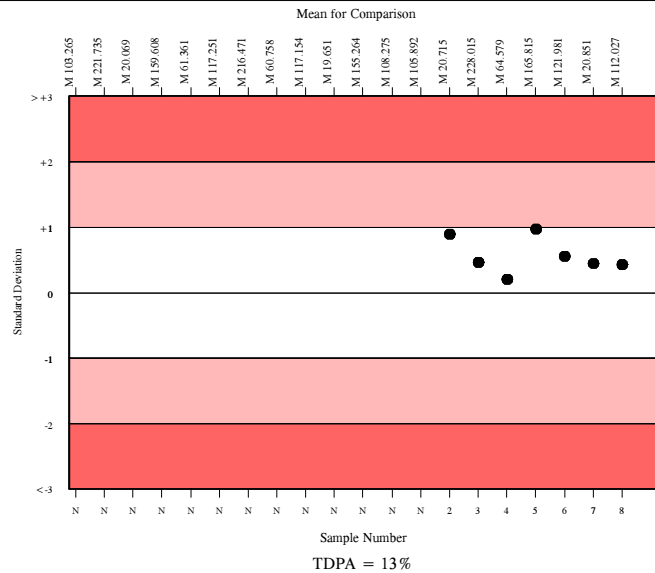
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1606	117.681	14.9	0.55	9.30	84
Roche Cobas 4000/e411	194	112.027	5.5	0.55	8.85	21

▲ Your Result	115.800	SDI	0.43
		RMSDI	Too Few
■ Mean for Comparison	112.027	TS	109
		RMTS	Too Few
		%DEV	3.4
		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	347	110.935	3.5	0.26
Abbott Architect	310	148.384	5.1	0.54
Roche Cobas 4000/e411	194	112.027	5.5	0.55
Beckman DxI 600 / 800	141	95.973	5.6	0.56
Centaur XP/XPT/Classic, CA125 II Kit	120	122.356	7.1	1.00
bioMerieux, VIDAS	89	108.155	5.8	0.83
Roche Elecsys	46	110.389	5.4	1.11
Siemens Centaur XP/XPT/Classic OV Kit	43	121.112	7.8	1.79
Siemens/DPC Immulite 2000/2500	36	115.417	4.7	1.13
Beckman Access/LXi725	32	98.781	4.5	0.98
Ortho Vitros 3600/5600/ECi	35	109.277	3.8	0.88
Diasorin Liaison	29	157.714	13.1	4.80
Siemens Centaur CP CA125 II Kit	22	127.932	6.9	2.36
SNIBE Maglumi analysers	21	102.813	3.3	0.91
Siemens/DPC Immulite 1000	20	123.705	6.6	2.28
TOSOH	21	186.177	9.8	4.99
Roche Modular E170	18	110.472	3.2	1.04
Fujirebio Lumipulse G Series	9	106.314	5.6	2.46
CIS, IRMA	9	95.870	4.8	1.91
Siemens Dimension	5	156.200	2.3	1.97
ELISA	3	89.605	23.6	15.26

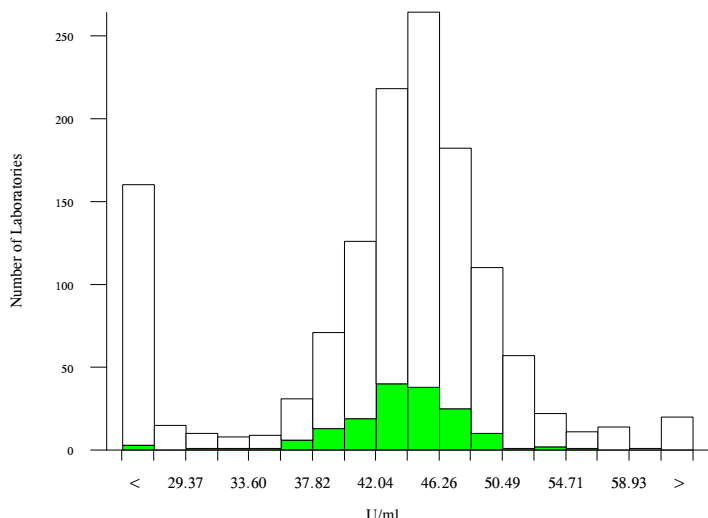


CA 15-3, U/ml

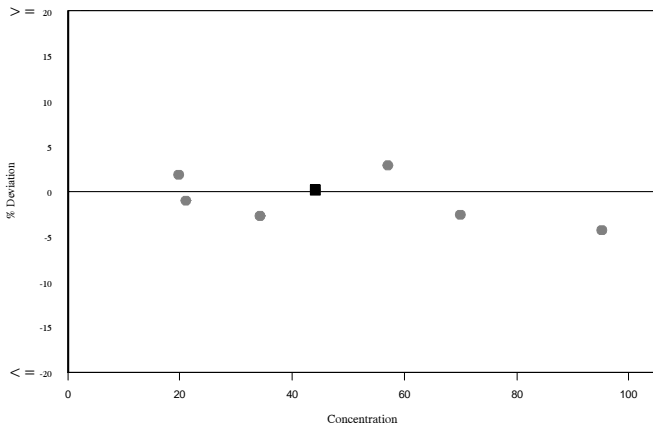
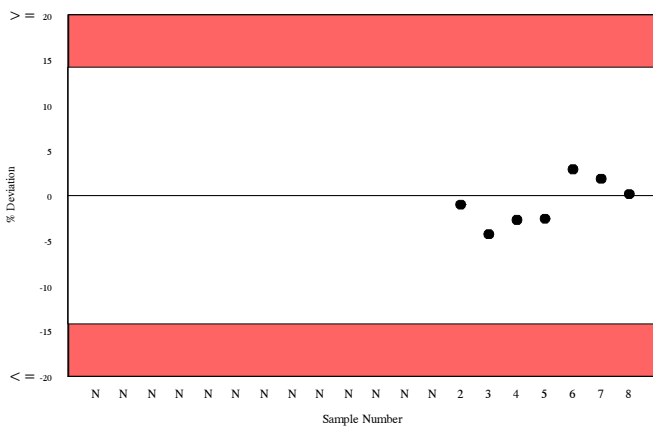
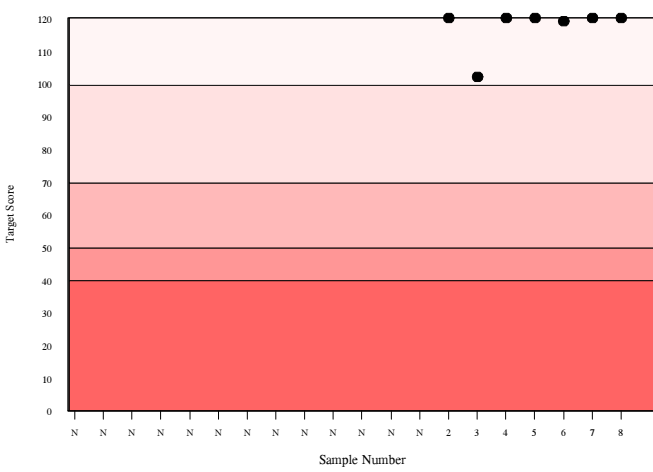
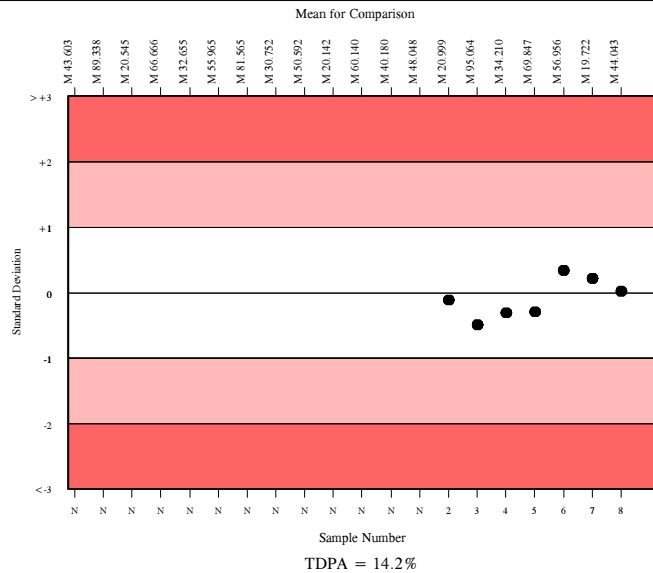
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1182	44.157	12.7	0.20	3.81	147
Roche Cobas 4000/e411	146	44.043	6.4	0.29	3.80	15

▲ Your Result	44.120	SDI	0.02
		RMSDI	Too Few
■ Mean for Comparison	44.043	TS	120
		RMTS	Too Few
		%DEV	0.2
		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	283	44.843	4.9	0.16
Abbott Architect	246	47.060	6.5	0.24
Roche Cobas 4000/e411	146	44.043	6.4	0.29
Siemens Centaur XP/XPT/Classic	130	43.977	8.1	0.39
Beckman DxI 600 / 800	119	24.466	7.3	0.20
BioMerieux VIDAS	59	41.121	6.5	0.43
Roche Elecsys	33	45.076	5.7	0.56
Siemens/DPC Immulite 2000/2500	27	54.617	11.3	1.49
Beckman Access/LXi725	27	24.877	7.2	0.43
Diasorin Liaison	25	45.213	13.9	1.57
SNIBE Maglumi analysers	17	50.249	2.5	0.38
Ortho Vitros 3600/5600/ECi	20	42.175	6.0	0.70
TOSOH	16	45.344	14.3	2.02
Roche Modular E170	15	44.367	4.2	0.60
CIS, IRMA	9	40.809	5.9	1.01
Siemens Centaur CP	9	46.669	19.3	3.76
Siemens/DPC Immulite 1000	6	62.550	3.6	1.13
Fujirebio Lumipulse G Series	8	50.920	5.7	1.29
Siemens Dimension	5	41.480	3.4	0.78
Brahms Kryptor	3	45.627	2.2	0.74
DRG ELISA	2	46.850	2.0	0.81

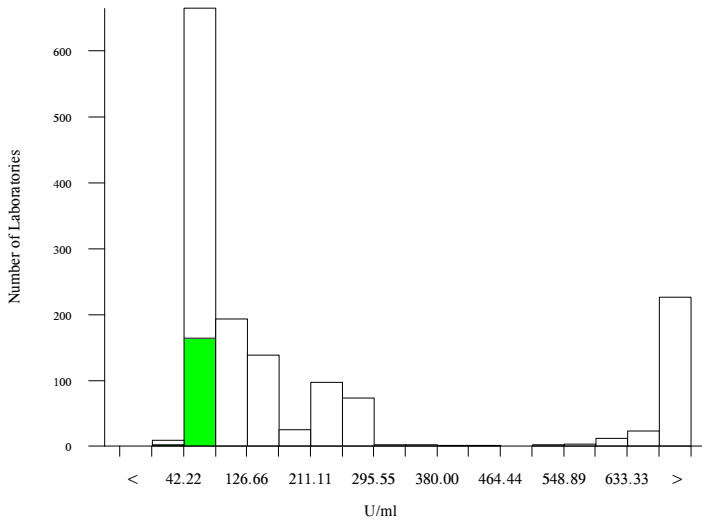


CA 19-9, U/ml

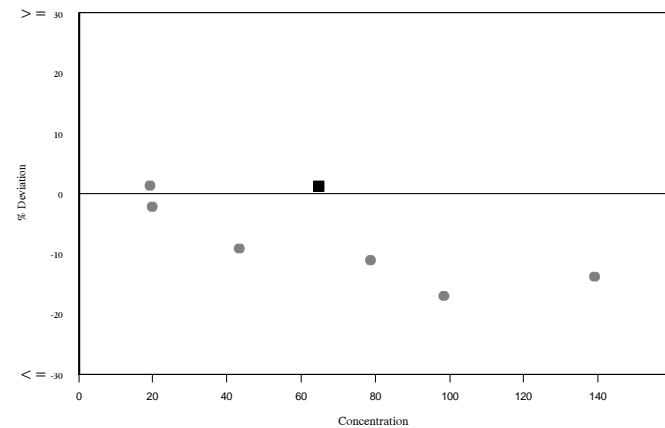
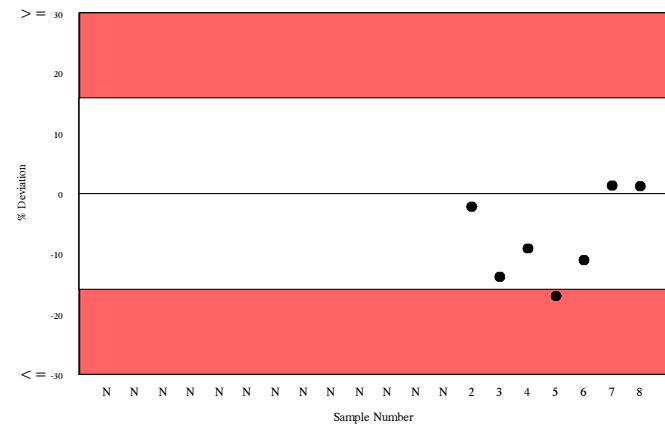
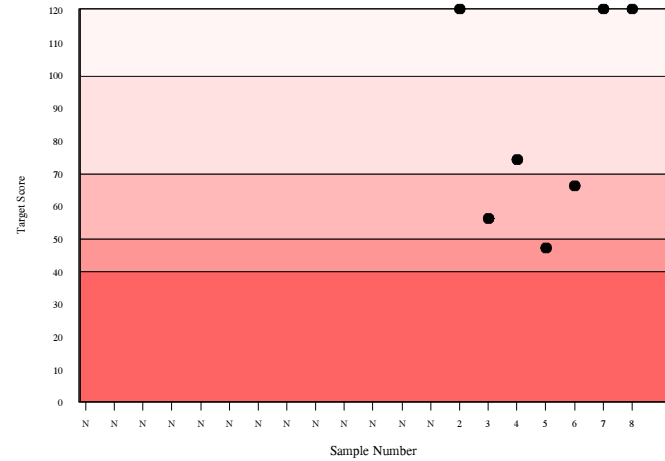
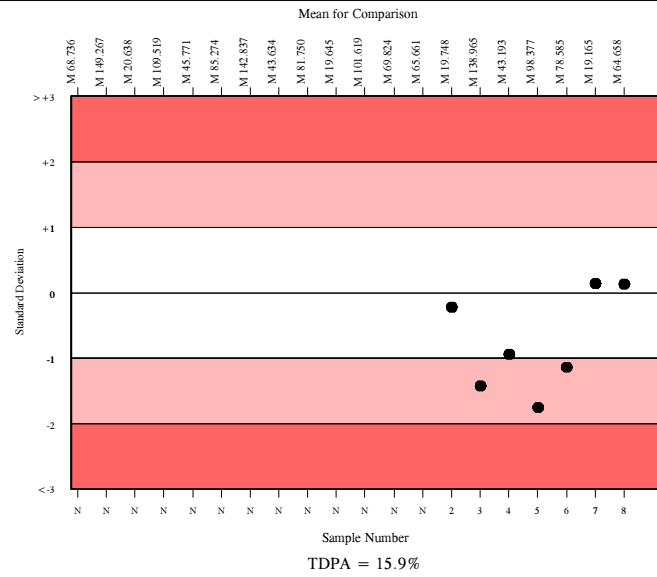
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1319	158.003	109.2	5.94	16.39a	152
Roche Cobas 4000/e411	153	64.658	6.7	0.44	6.25	13

▲ Your Result	65.450	SDI	0.13
		RMSDI	Too Few
■ Mean for Comparison	64.658	TS	120
		RMTS	Too Few
		%DEV	1.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	46.03%
Acceptable limits of performance for RIQAS	15.90%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	325	61.931	4.8	0.21
Abbott Architect	170	736.879	8.7	6.12
Roche Cobas 4000/e411	153	64.658	6.7	0.44
Siemens Centaur XP/XPT/Classic	150	251.394	5.6	1.43
Beckman DxI 600 / 800	129	91.192	5.0	0.50
bioMerieux, VIDAS	84	158.857	5.3	1.14
Abbott Architect XR/ XR2 kit	82	739.560	6.6	6.71
Roche Elecsys	35	64.762	5.6	0.77
Siemens/DPC Immulite 2000/2500	38	93.696	11.9	2.26
Diasorin Liaison	25	148.028	9.6	3.56
Beckman Access/LXi725	24	97.529	8.4	2.09
SNIBE Maglumi analysers	20	74.145	3.2	0.67
Ortho Vitros 3600/5600/ECi	22	161.305	4.8	2.06
TOSOH	16	48.495	3.6	0.54
Roche Modular E170	17	62.119	3.6	0.68
Siemens Centaur CP	16	243.504	11.0	8.39
CIS, IRMA	11	57.297	6.3	1.36
Siemens/DPC Immulite 1000	10	83.430	32.3	10.67
Fujirebio Lumipulse G Series	10	142.515	5.4	3.04
Siemens Dimension	6	141.567	3.5	2.54
Brahms Kryptor	2	71.630	1.2	0.79

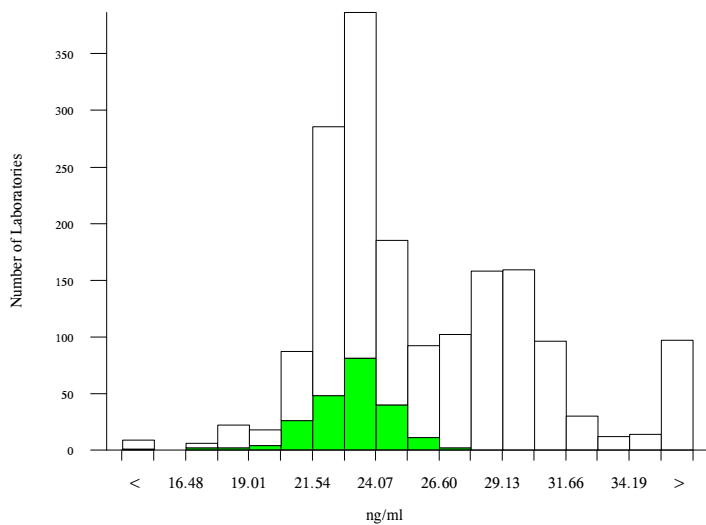


CEA, ng/ml

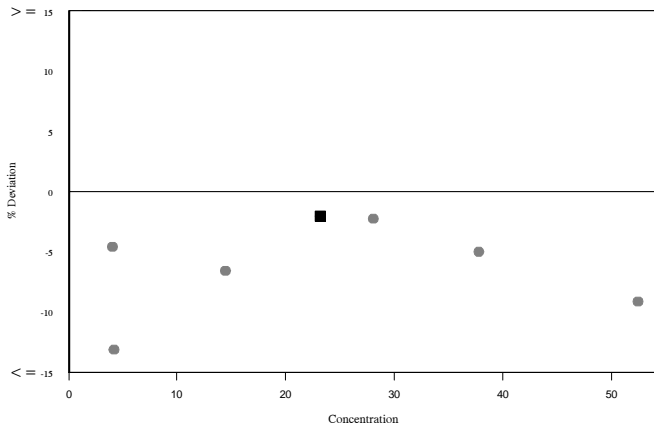
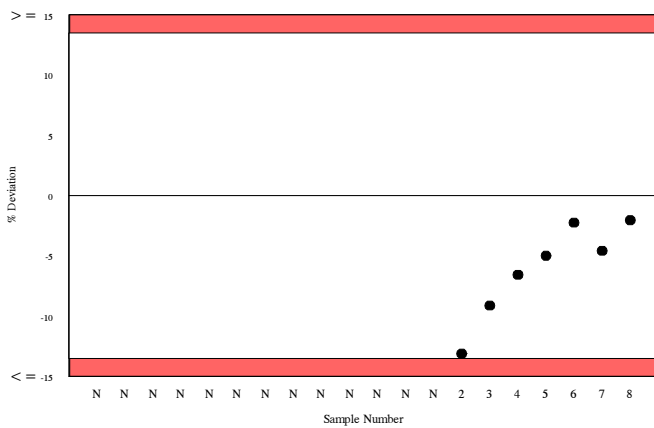
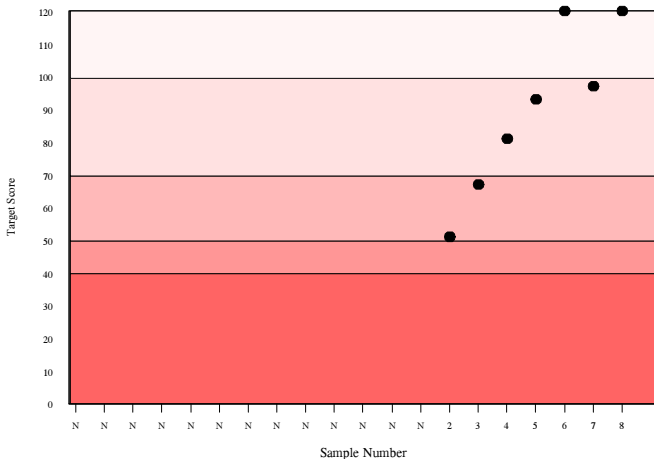
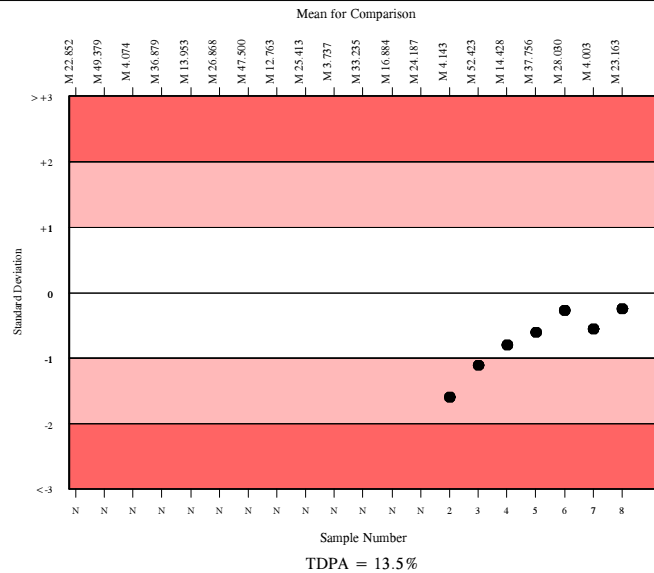
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1640	25.341	13.3	0.10	2.08	118
Roche Cobas 4000/e411	202	23.163	5.4	0.11	1.90	15

▲ Your Result	22.690	SDI RMSDI	-0.25 Too Few
■ Mean for Comparison	23.163	TS RMTS	120 Too Few
		%DEV RM%DEV	-2.0 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	366	22.981	3.4	0.05
Abbott Architect	317	29.416	4.3	0.09
Roche Cobas 4000/e411	202	23.163	5.4	0.11
Siemens Centaur XP/XPT/Classic	165	28.814	6.4	0.18
Beckman DxI 600 / 800	149	23.346	4.9	0.12
bioMerieux, VIDAS	66	24.687	6.1	0.23
Siemens/DPC Immulite 2000/2500	50	37.694	7.6	0.51
Roche Elecsys	45	23.331	4.7	0.20
Beckman Access/LXi725	43	25.019	5.0	0.24
Ortho Vitros 3600/5600/ECi	36	28.185	5.4	0.32
Diasorin Liaison	31	22.512	9.7	0.49
Tosoh	25	40.181	3.2	0.32
SNIBE Maglumi analysers	21	21.472	4.8	0.28
Siemens Centaur CP	20	28.911	9.3	0.75
Siemens/DPC Immulite 1000	18	37.152	4.4	0.48
Roche Modular E170	19	22.619	2.8	0.18
CIS, RIA Coated tube	17	18.666	6.8	0.38
Fujirebio Lumipulse G Series	11	39.415	6.9	1.03
Siemens Dimension	6	24.483	1.4	0.18
Abbott AxSYM	2	28.550	17.6	4.44
ELISA	1	41.085	0.0	0.00

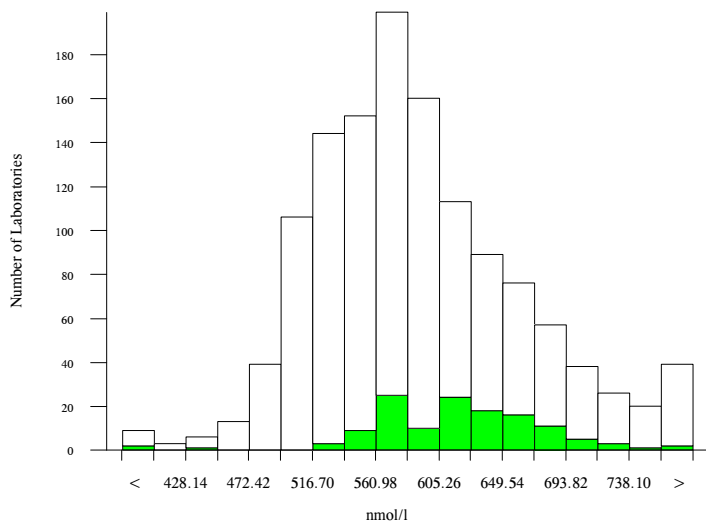


Cortisol, nmol/l

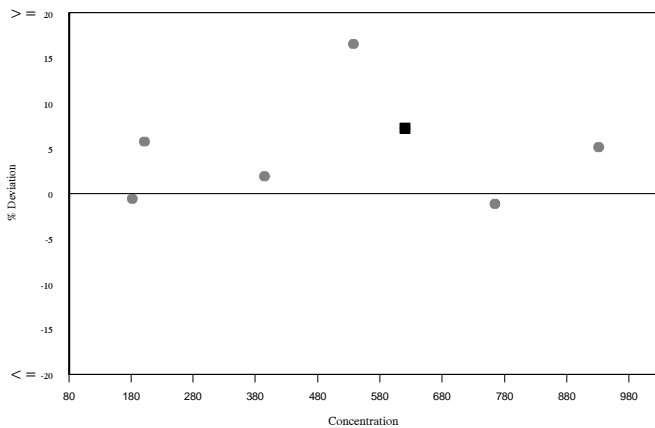
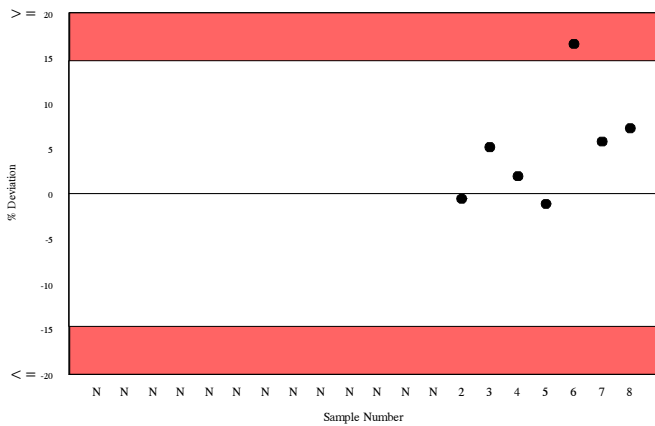
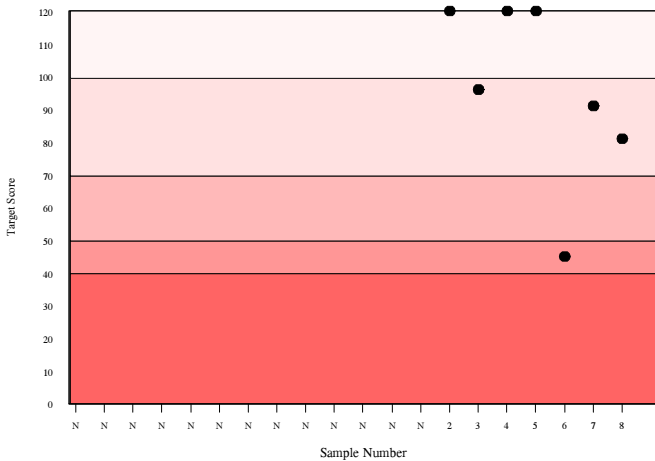
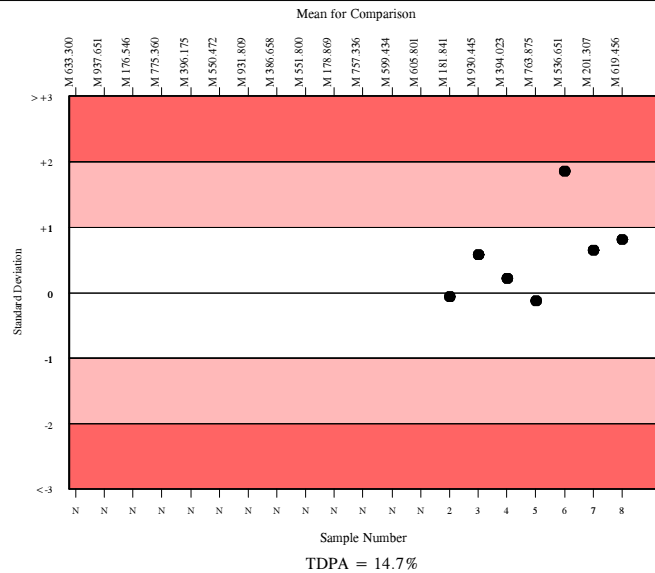
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1204	583.128	10.1	2.13	52.11	85
Roche Cobas 4000/e411	121	619.456	7.5	5.25	55.36	9

▲ Your Result	664.200	SDI	0.81
		RMSDI	Too Few
■ Mean for Comparison	619.456	TS	81
		RMTS	Too Few
		%DEV	7.2
		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	226	524.480	4.5	1.96
Roche Cobas 6000/8000	166	594.312	6.6	3.80
Roche Cobas 6000/8000 Gen II	124	573.413	3.6	2.35
Siemens Centaur XP/XPT/Classic	123	687.078	8.1	6.29
Roche Cobas 4000/e411	121	619.456	7.5	5.25
Beckman DxI 600 / 800	111	556.260	6.4	4.20
Siemens/DPC Immulite 2000/2500	57	588.941	7.1	6.96
Roche Cobas 4000/e411 Gen II	38	612.732	5.2	6.42
Roche Elecsys	31	626.959	8.1	11.44
Ortho Vitros 3600/5600/ECi	30	533.016	6.6	8.01
Beckman Access/LXi725	26	600.112	4.6	6.72
bioMerieux, VIDAS	24	538.909	12.6	17.35
Siemens/DPC Immulite 1000	20	622.777	11.6	20.20
SNIBE Maglumi analysers	14	660.427	3.4	7.42
Tosoh	16	638.992	8.0	15.99
Diasorin Liaison	13	601.613	9.7	20.32
CIS, RIA	12	498.442	4.3	7.66
Siemens Centaur CP	7	708.723	9.3	31.26
Roche Modular E170	9	592.612	4.0	9.76
Roche Modular E170 Gen II	6	575.503	1.5	4.33
Roche Elecsys Gen II	2	712.094	4.7	29.37

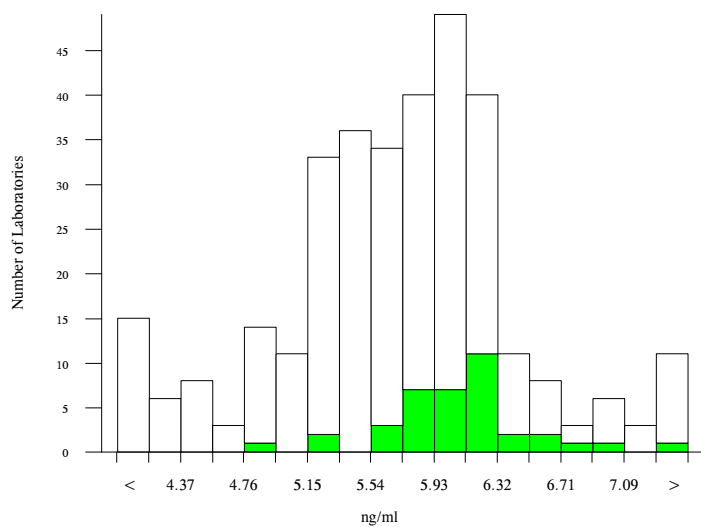


C-Peptide, ng/ml

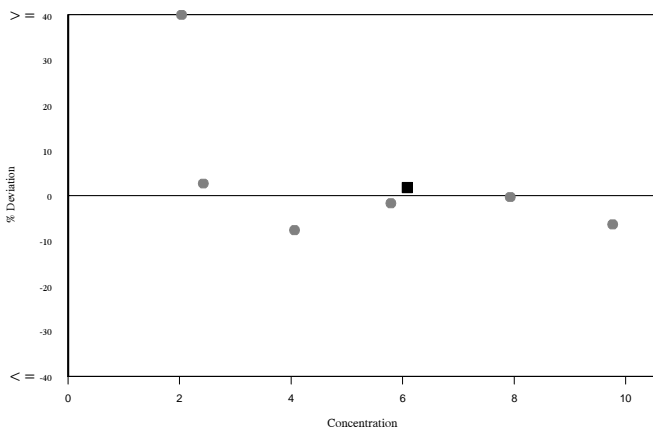
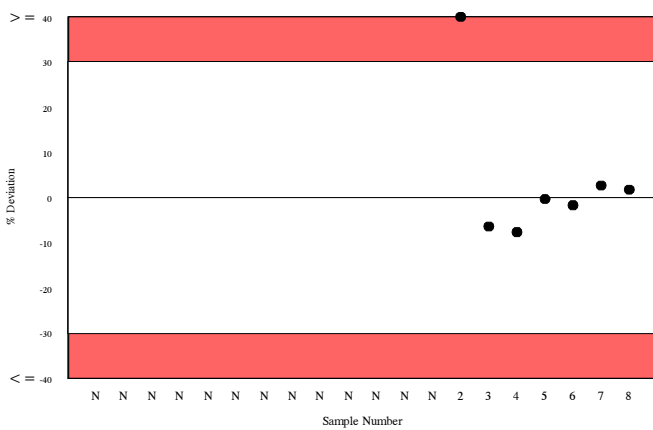
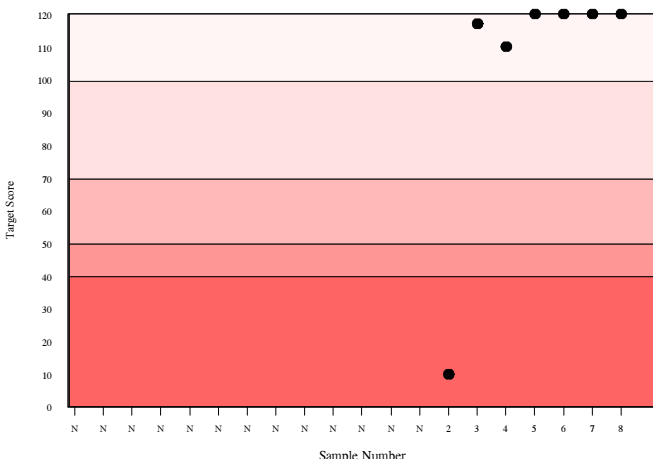
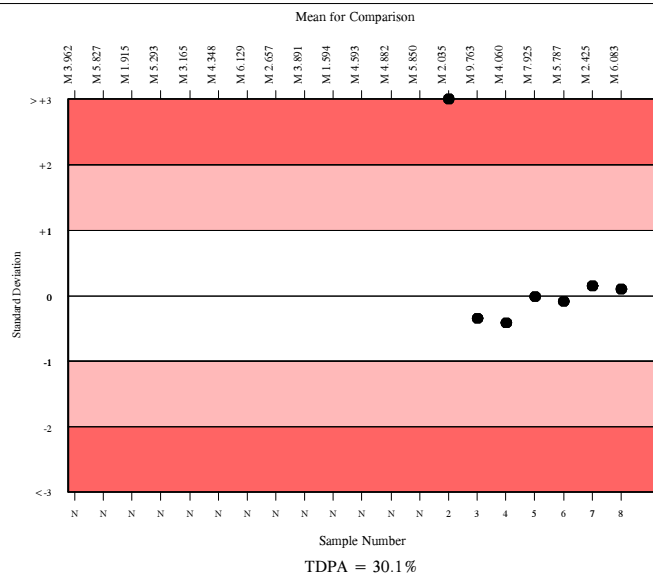
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	295	5.738	9.0	0.04	1.05	36
Roche Cobas 4000/e411	32	6.083	4.4	0.06	1.11	6

▲ Your Result	6.190	SDI	0.10
		RMSDI	Too Few
■ Mean for Comparison	6.083	TS	120
		RMTS	Too Few
		%DEV	1.8
		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	68	6.030	3.7	0.03
Abbott Architect	48	5.371	4.2	0.04
Siemens/DPC Immulite 2000/2500	47	5.597	7.0	0.07
Roche Cobas 4000/e411	32	6.083	4.4	0.06
Siemens Centaur XP/XPT/Classic	28	4.796	8.8	0.10
SNIBE Maglumi analysers	18	5.862	4.4	0.08
TOSOH	13	5.728	11.2	0.22
Diasorin Liaison	10	6.971	6.3	0.17
Roche Elecsys	8	6.059	5.6	0.15
Siemens/DPC Immulite 1000	7	5.503	5.9	0.15
ELISA	3	4.717	36.8	1.25
Roche Modular E170	4	5.887	4.1	0.15
Monobind Inc. ELISA / CLIA	3	4.220	31.0	0.95
DIAsource, RIA	2	4.155	4.6	0.17
DRG ELISA	2	7.375	18.9	1.23

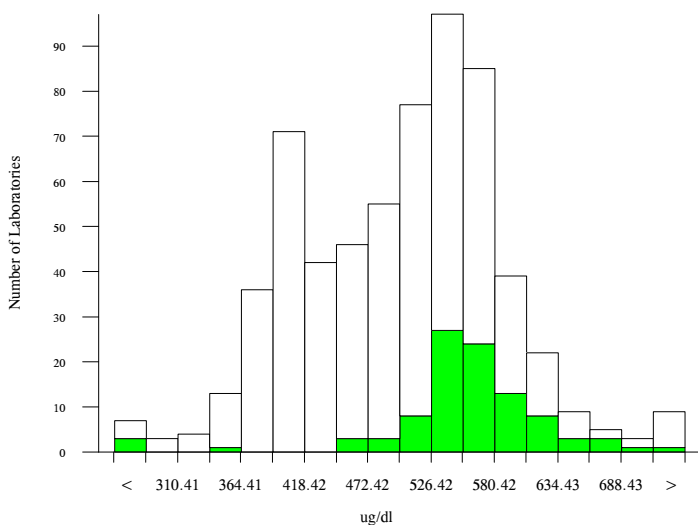


DHEA-S, ug/dl

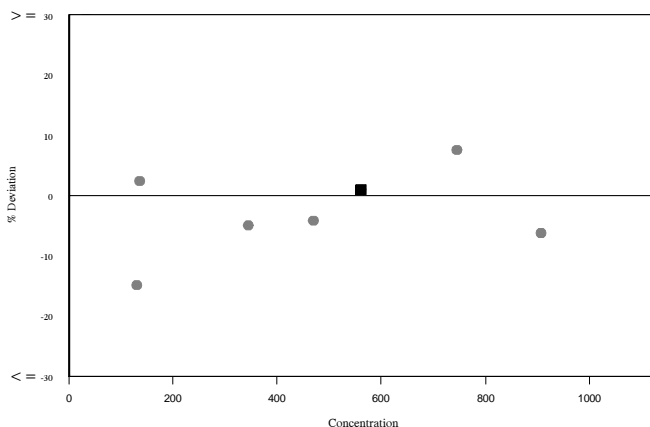
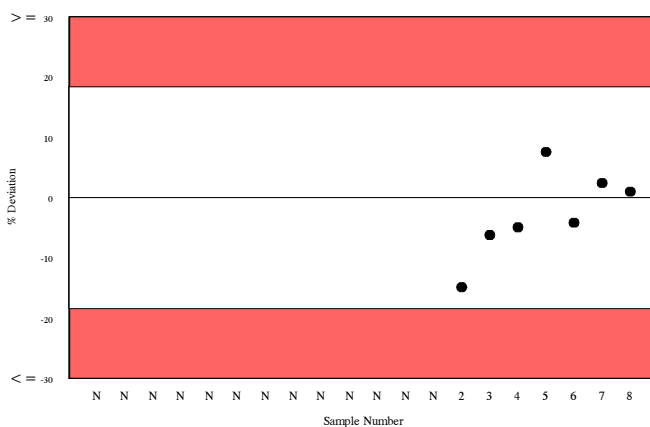
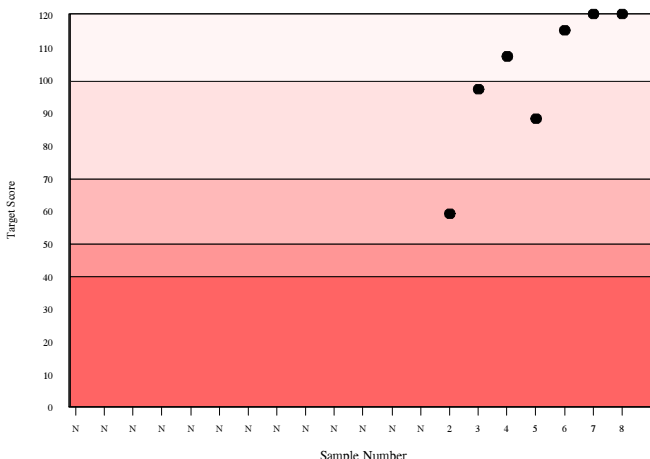
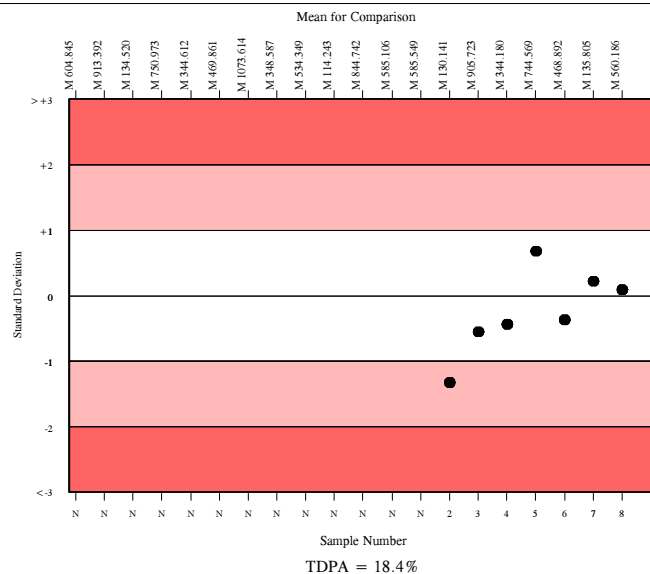
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	590	499.426	14.4	3.70	55.87	33
Roche Cobas 4000/e411	85	560.186	6.4	4.84	62.66	13

▲ Your Result	565.700	SDI	0.09
		RMSDI	Too Few
■ Mean for Comparison	560.186	TS	120
		RMTS	Too Few
		%DEV	1.0
		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	129	559.568	5.3	3.28
Abbott Architect	103	503.573	4.7	2.88
Roche Cobas 4000/e411	85	560.186	6.4	4.84
Siemens/DPC Immulite 2000/2500	67	407.929	6.4	3.99
Beckman DxI 600 / 800	48	413.224	7.3	5.47
Siemens Centaur XP/XPT/Classic	30	407.601	6.1	5.71
Roche Elecsys	23	559.749	12.2	17.80
Siemens/DPC Immulite 1000	15	403.985	7.8	10.18
SNIBE Maglumi analysers	12	506.217	0.9	1.58
Diasorin Liaison	9	410.865	11.0	18.89
Roche Modular E170	9	548.789	1.9	4.25
TOSOH	10	520.022	4.4	9.10
Beckman Access/LXi725	6	448.102	2.6	5.92
ELISA	4	583.363	25.9	94.53
Immunotech RIA	4	479.508	12.2	36.70
Siemens Centaur CP	3	463.633	27.5	92.15

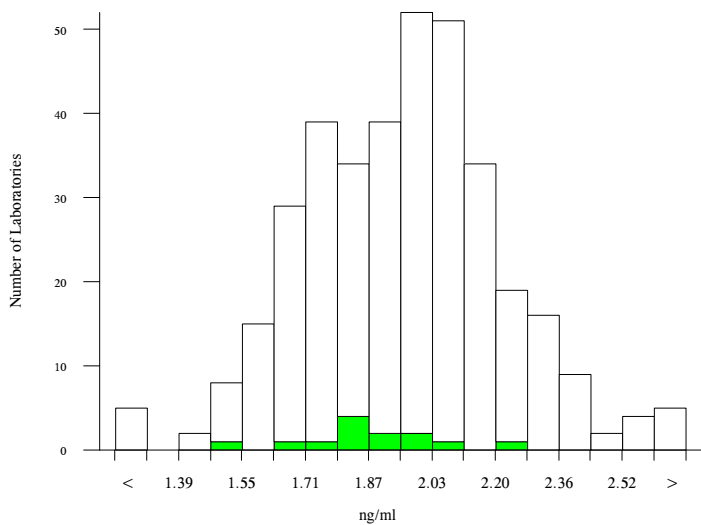


Digoxin, ng/ml

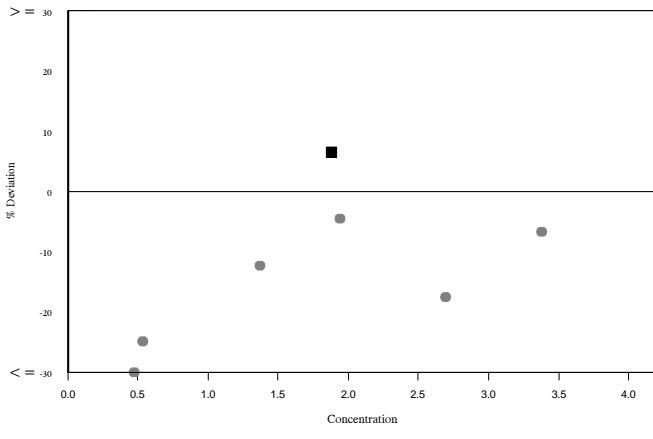
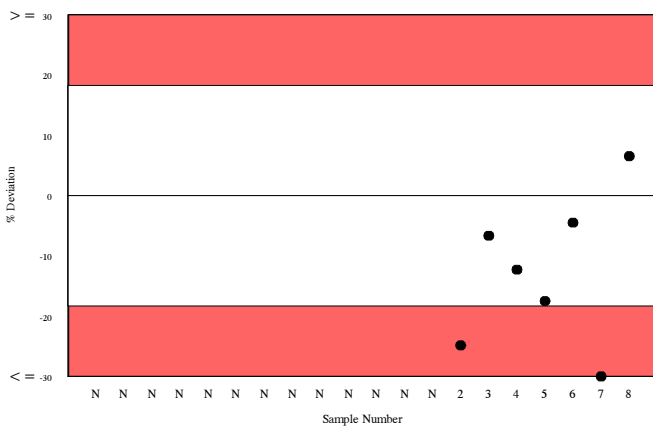
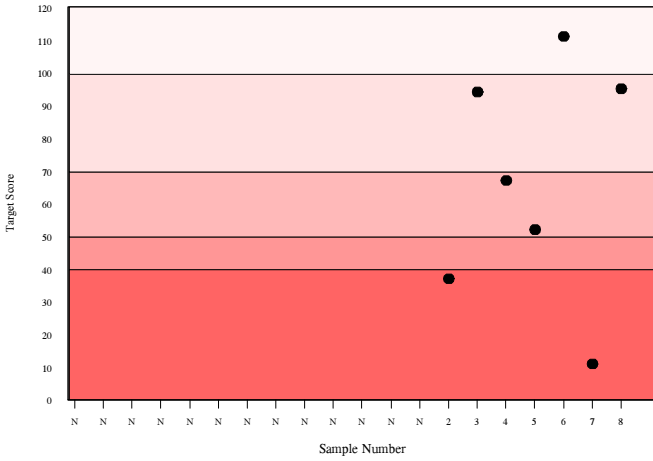
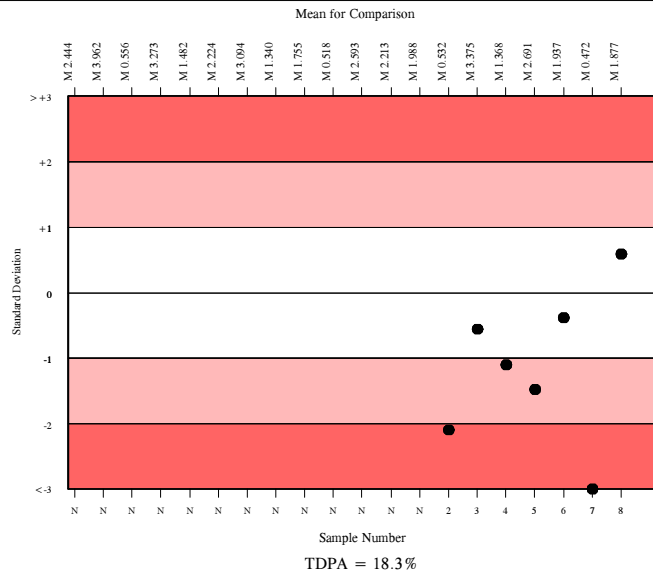
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	344	1.959	11.0	0.01	0.22	19
bioMerieux, VIDAS	11	1.877	6.5	0.05	0.21	2

▲ Your Result	2.000	SDI	0.59
		RMSDI	Too Few
■ Mean for Comparison	1.877	TS	95
		RMTS	Too Few
		%DEV	6.5
		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)	86	1.709	5.0	0.01
Roche Cobas E601/602/801	33	2.055	4.9	0.02
Roche Cobas C501/502/701	28	1.983	5.8	0.03
Siemens Centaur XP/XPT/Classic	25	2.302	4.4	0.03
Abbott Architect (PETINIA)	17	1.849	9.0	0.05
Beckman Dxi 600 / 800	18	2.105	5.2	0.03
Siemens Dimension	13	2.021	3.8	0.03
Roche Cobas 4000/e411	13	2.092	5.5	0.04
bioMerieux, VIDAS	11	1.877	6.5	0.05
Beckman AU400/600/640/2700/5400	10	2.133	3.7	0.03
Roche Integra	11	1.999	4.1	0.03
SNIBE Maglumi analysers	9	2.145	1.4	0.01
Siemens/DPC Immulite 2000/2500	9	2.288	16.4	0.16
Roche Elecsys	8	2.091	13.4	0.12
Vitros	7	1.900	3.1	0.03
Siemens ADVIA 1200/1650/1800/2400	5	1.884	2.0	0.02
Beckman DxC	7	1.899	6.6	0.06
Roche Cobas 4000/c311	5	2.028	5.6	0.06
Siemens/DPC Immulite 1000	3	2.620	4.0	0.08
Roche Modular E170	4	2.038	5.2	0.07
Siemens Centaur CP	3	2.207	4.1	0.07



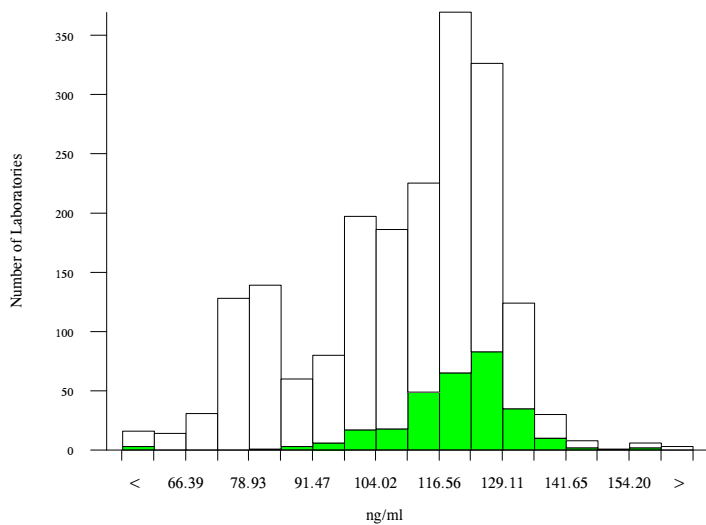
RIQAS

Ferritin, ng/ml

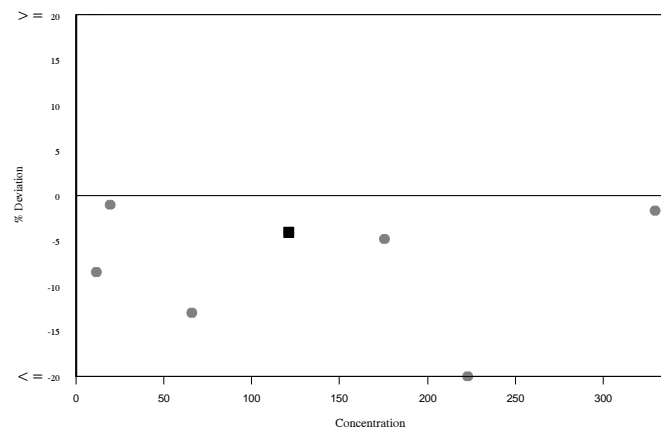
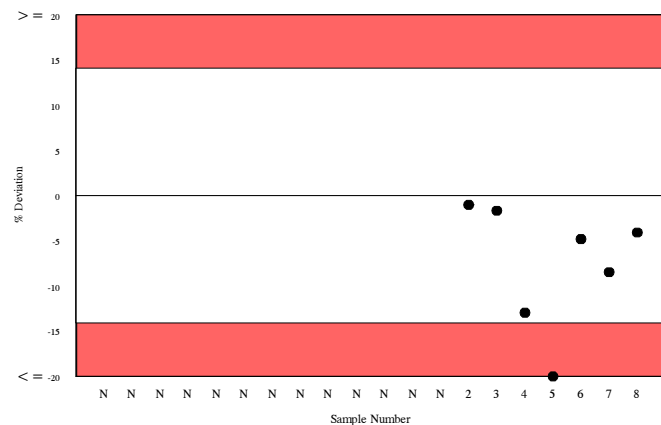
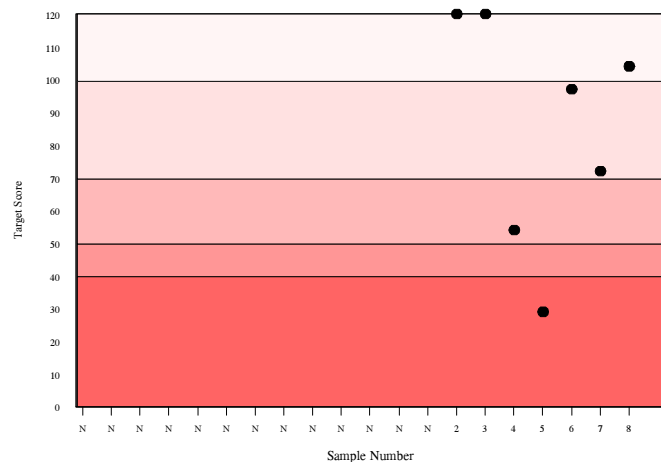
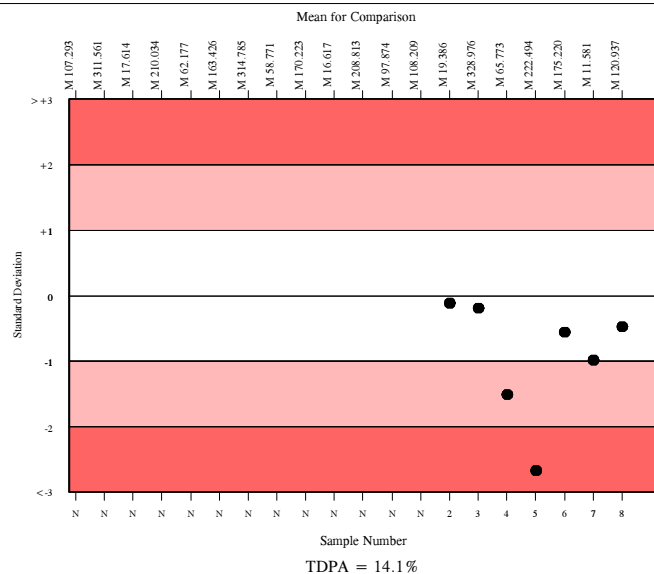
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1864	110.297	15.2	0.48	9.45	79
Roche Elecsys / Cobas e411	270	120.937	6.8	0.63	10.37	24

▲ Your Result	116.000	SDI	-0.48
		RMSDI	Too Few
■ Mean for Comparison	120.937	TS	104
		RMTS	Too Few
		%DEV	-4.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	16.9%
Acceptable limits of performance for RIQAS	14.10%



Method	N	Mean	CV%	U _m
Roche Modular E170 /Cobas e601/602/801	378	119.741	4.2	0.32
Abbott Architect Chemiluminescence	310	125.354	4.4	0.39
Roche Elecsys / Cobas e411	270	120.937	6.8	0.63
Siemens Centaur XP/XPT/Classic	195	105.490	5.4	0.51
Beckman DxI 600 / 800	169	79.378	6.1	0.46
Beckman Access/LXi725	55	79.887	4.9	0.66
Ortho Vitros 3600/5600/ECi	48	76.612	4.8	0.66
bioMerieux, VIDAS	45	93.973	8.9	1.57
Roche Cobas C501/502/701	45	108.080	9.6	1.93
Siemens/DPC Immulite 2000/2500	40	104.570	4.3	0.89
Diasorin Liaison	39	110.468	7.3	1.62
Siemens Centaur CP	26	99.212	7.6	1.86
Roche Cobas 4000/c311	25	119.232	6.9	2.05
Tosoh	19	77.687	4.0	0.90
Siemens Dimension	23	106.147	6.8	1.89
Beckman AU400/600/640/2700/5400	21	101.138	8.2	2.25
SNIBE Maglumi analysers	17	104.807	3.5	1.10
Siemens/DPC Immulite 1000	17	97.153	5.4	1.60
Roche Integra	11	108.875	6.6	2.69
Abbott Architect Quantia	8	113.686	12.0	6.04
Fujirebio Lumipulse G Series	6	65.800	0.7	0.22

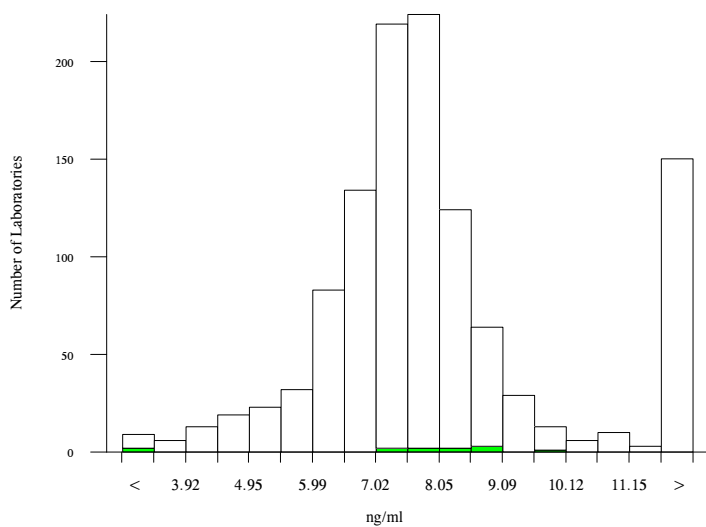


Folate, ng/ml

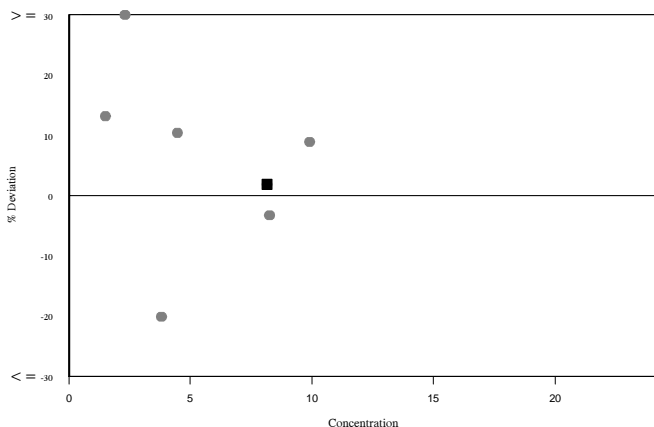
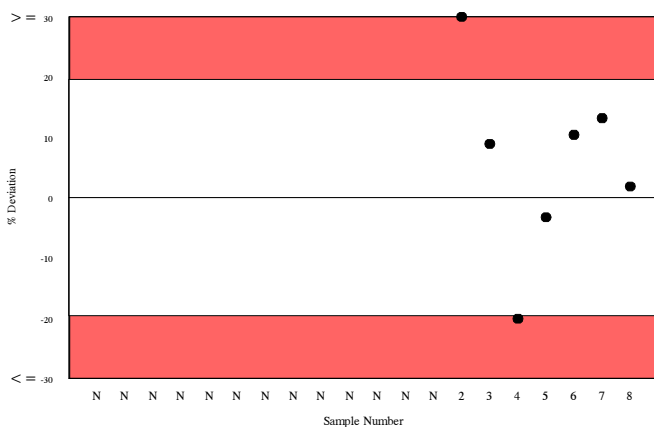
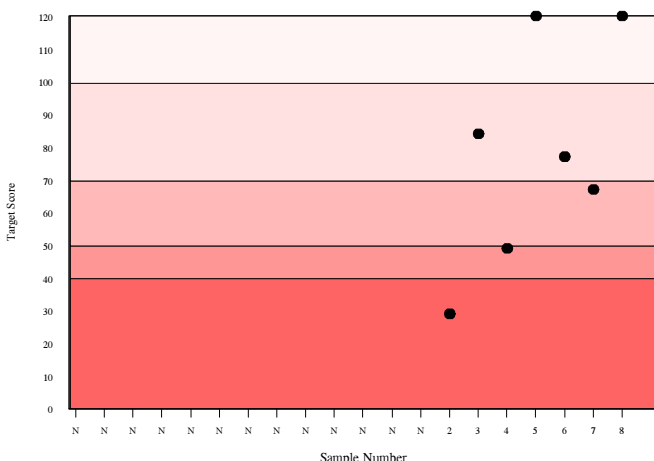
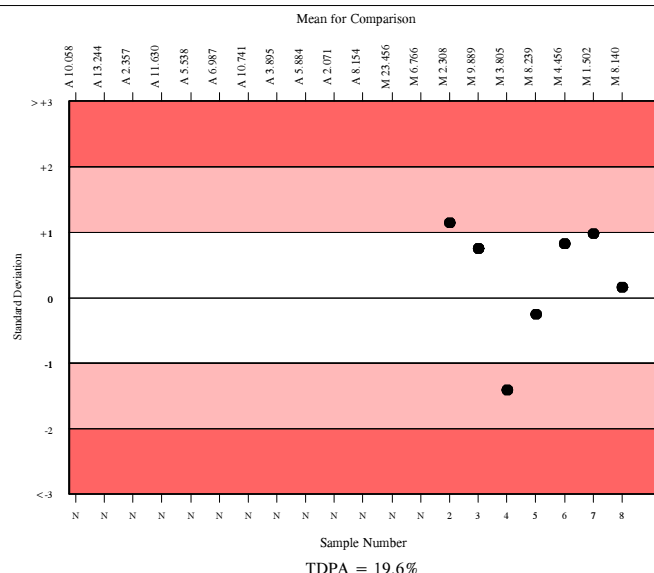
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1023	7.542	18.3	0.05	0.90	138
Roche Folate III - 04476433	9	8.140	8.3	0.28	0.97	3

▲ Your Result	8.290	SDI	0.16
		RMSDI	Too Few
■ Mean for Comparison	8.140	TS	120
		RMTS	Too Few
		%DEV	1.8
		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	224	6.784	7.7	0.04
Siemens Centaur XP/XPT/Classic(enhanced)	123	14.434	8.8	0.14
Roche Cobas 6000/8000	119	7.759	6.1	0.05
Roche Cobas 6000/8000 Folate III	102	7.706	6.4	0.06
Roche Cobas 4000/e411	81	7.696	12.5	0.13
Beckman DxI 600 / 800 - A98032	74	7.914	4.7	0.05
Roche Folate III - 07559992	64	7.676	6.3	0.08
Beckman DxI 600 / 800 - A14208	54	7.881	4.7	0.06
Roche cobas 4000/e411 Folate III	44	7.816	10.3	0.15
Siemens/DPC Immulite 2000	36	5.522	9.6	0.11
Beckman Access/LXi725	32	8.092	6.5	0.12
Ortho Vitros 3600/5600/ECi	21	4.833	10.7	0.14
Roche Elecsys	18	7.831	15.4	0.36
Roche Folate III - 04476433	9	8.140	8.3	0.28
SNIBE Maglumi Analyser	9	9.090	1.0	0.04
TOSOH	7	11.673	12.1	0.67
Siemens Centaur CP (enhanced kit)	7	16.658	11.7	0.92
Siemens Dimension	6	4.500	2.0	0.05
Roche Modular E170 Folate III	6	7.220	4.3	0.16
Roche Modular E170	5	7.474	10.0	0.42
MP Biomedicals RIA	4	5.438	18.0	0.61

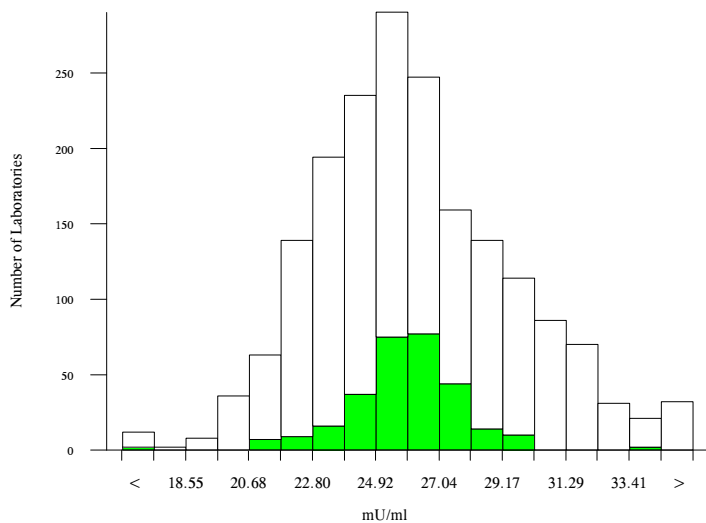


FSH, mU/ml

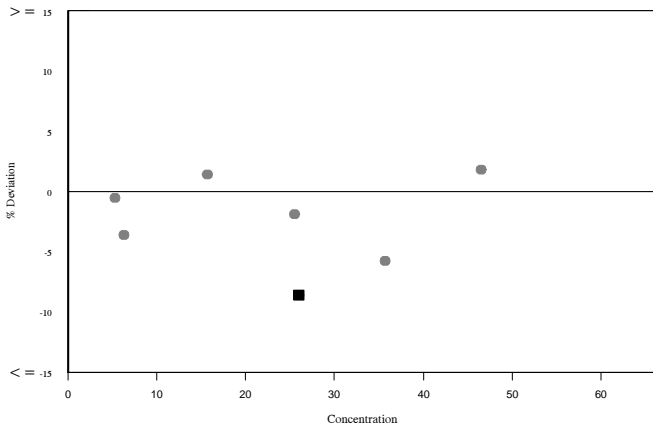
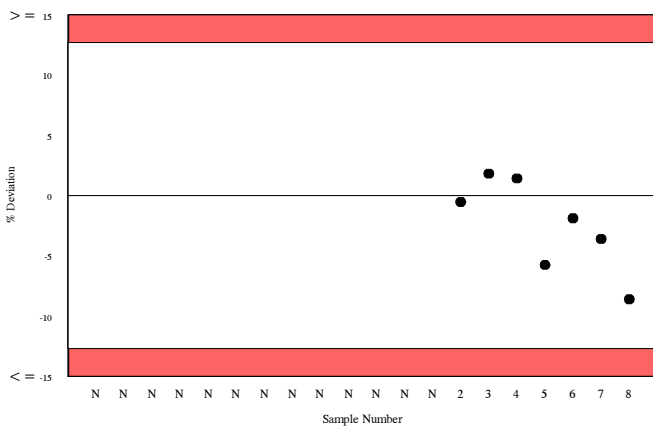
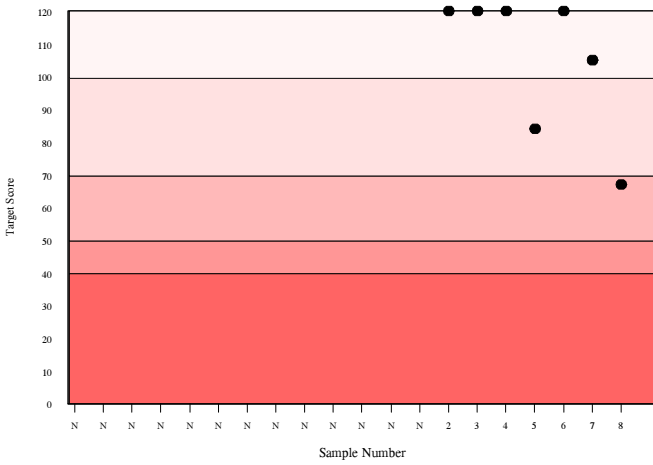
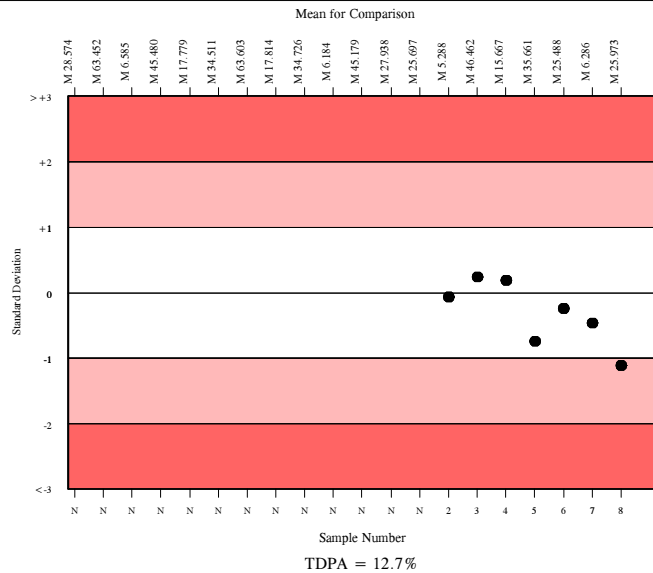
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1780	25.988	10.9	0.08	2.01	99
Roche Cobas 4000/e411	266	25.973	5.3	0.11	2.01	27

▲ Your Result	23.740	SDI	-1.11
		RMSDI	Too Few
■ Mean for Comparison	25.973	TS	67
		RMTS	Too Few
		%DEV	-8.6
		RM%DEV	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	376	25.169	4.2	0.07
Abbott Architect	306	23.036	4.6	0.08
Roche Cobas 4000/e411	266	25.973	5.3	0.11
Siemens Centaur XP/XPT/Classic	182	30.958	5.0	0.14
Beckman DxI 600/800	147	28.316	5.3	0.15
bioMerieux, VIDAS	79	29.569	5.4	0.22
Siemens/DPC Immulite 2000/2500	58	26.356	7.0	0.30
Beckman Access/LXi725	51	28.268	5.7	0.28
Roche Elecsys	53	25.760	7.4	0.33
Ortho Vitros 3600/5600/ECi	45	20.542	4.1	0.16
Diasorin Liaison	34	35.064	14.5	1.09
Siemens/DPC Immulite 1000	29	26.107	4.5	0.27
Tosoh	26	28.743	7.1	0.50
Siemens Centaur CP	21	26.547	7.4	0.54
SNIBE Maglumi analysers	23	27.470	7.7	0.55
Roche Modular E170	16	24.470	3.7	0.29
Fujirebio Lumipulse G Series	8	22.756	3.5	0.35
DIAsource, IRMA	4	24.840	5.3	0.82
Siemens Dimension	2	23.065	0.8	0.17
Immunotech IRMA	2	20.555	1.7	0.31

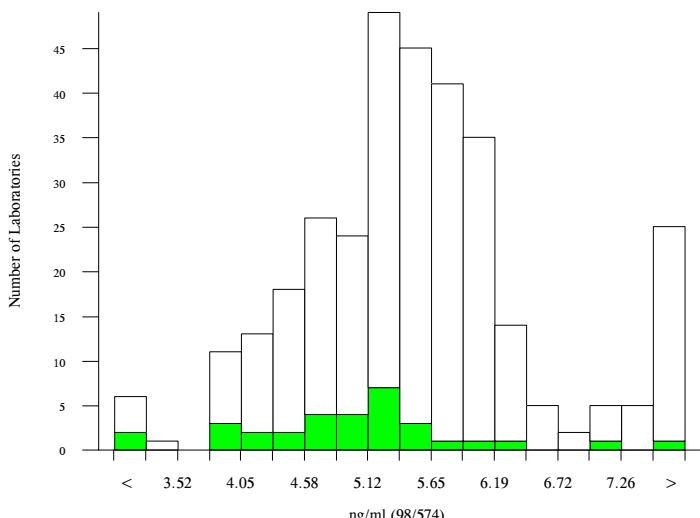


GH, ng/ml (98/574)

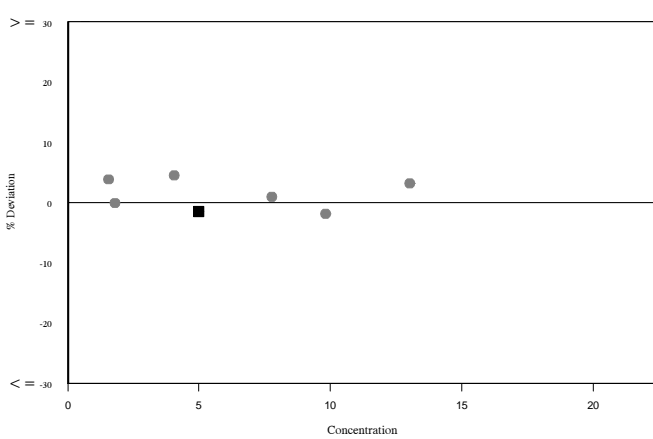
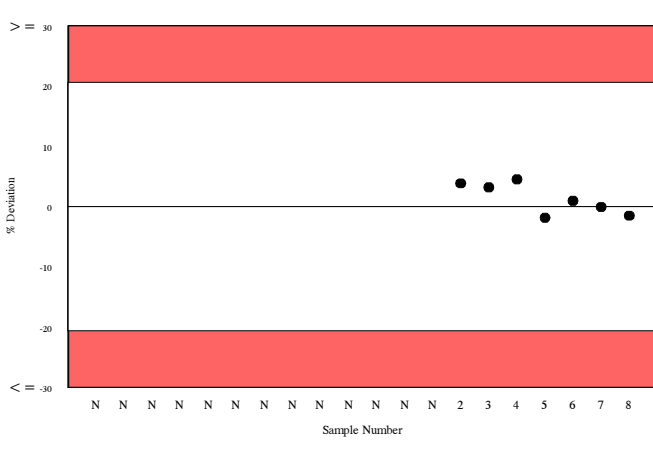
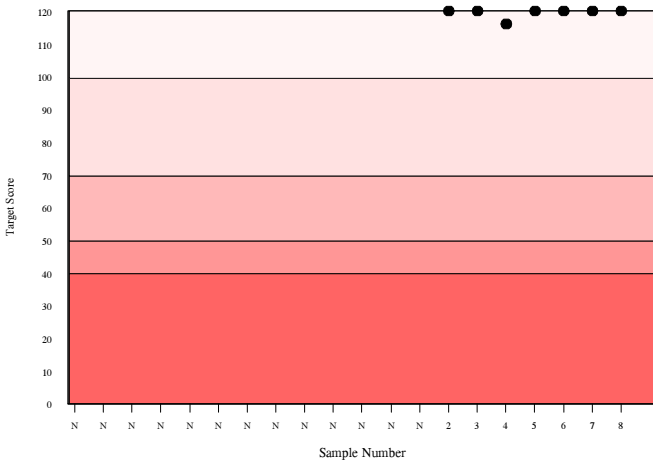
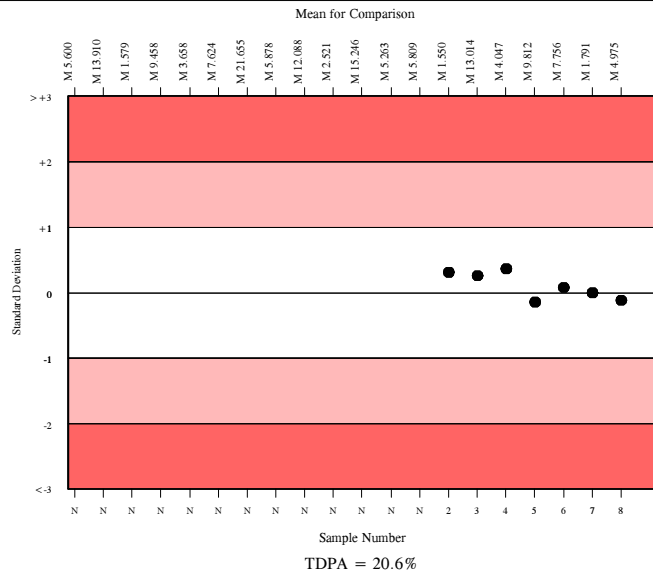
	N	Mean	CV%	U _m	SDPA	Exc.
□ All Methods	291	5.391	13.2	0.05	0.68	34
■ Roche Cobas 4000/e411	28	4.975	12.2	0.14	0.62	4

▲ Your Result	4.900	SDI	-0.12
		RMSDI	Too Few
■ Mean for Comparison	4.975	TS	120
		RMTS	Too Few
		%DEV	-1.5
		RM%DEV	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	104	5.866	5.6	0.04
Roche Cobas 6000/8000	38	5.219	4.7	0.05
Roche Cobas 4000/e411	28	4.975	12.2	0.14
Siemens/DPC Immulite 1000	22	5.566	8.3	0.12
Diasorin Liaison	25	4.855	7.9	0.10
Beckman Dxi 600 / 800	21	4.371	8.2	0.10
SNIBE Maglumi analysers	14	7.614	1.5	0.04
Beckman Access/LXi725	12	4.656	9.6	0.16
IDS iSYS	8	5.291	7.0	0.16
Tosoh	5	6.287	20.4	0.72
CIS, IRMA	4	5.441	20.4	0.69
Roche Elecsys	3	4.857	19.2	0.67
DIAsource IRMA	2	5.166	31.9	1.46

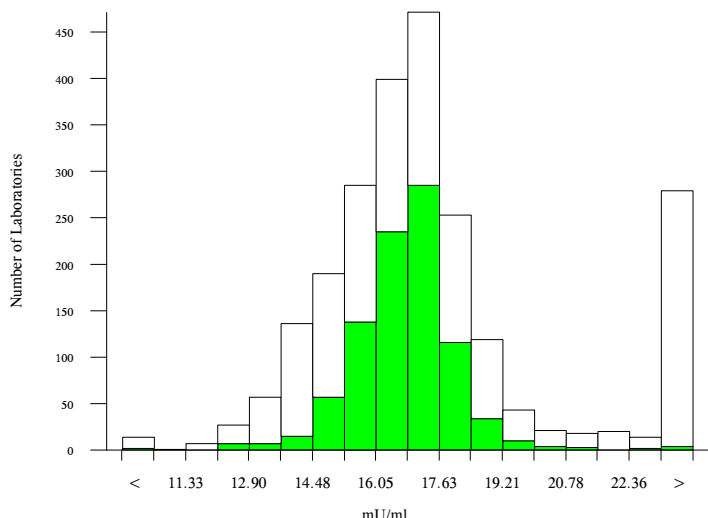


hCG, mU/ml

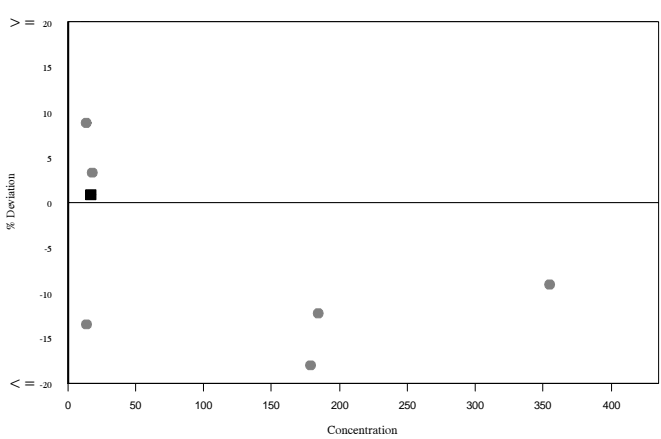
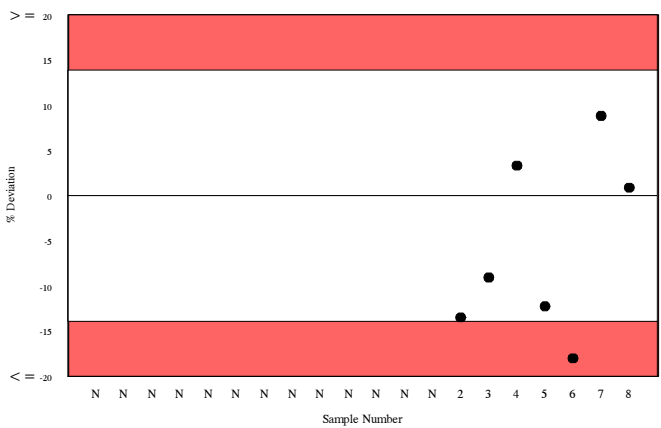
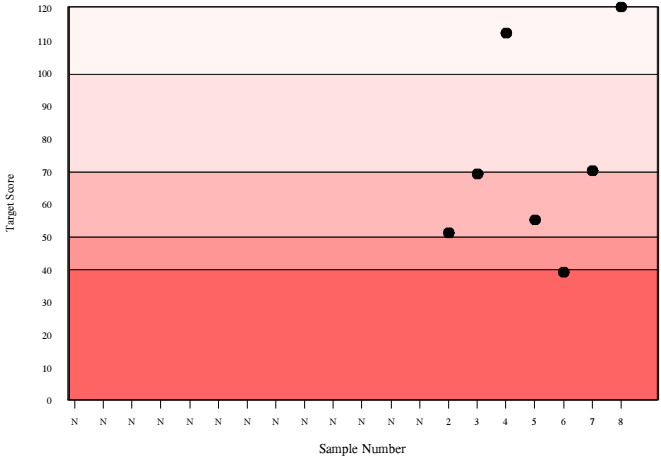
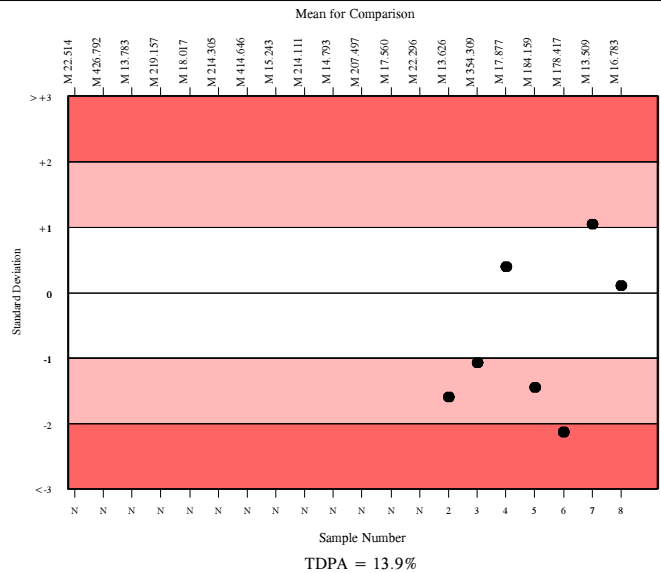
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2118	16.848	12.5	0.06	1.42	237
Roche hCG + Beta	861	16.783	5.5	0.04	1.42	59

▲ Your Result	16.930	SDI	0.10
		RMSDI	Too Few
■ Mean for Comparison	16.783	TS	120
		RMTS	Too Few
		%DEV	0.9
		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	861	16.783	5.5	0.04
Abbott Architect	398	14.884	7.1	0.07
Siemens Centaur XP/XPT/Classic	198	17.680	7.2	0.11
Beckman Dxi 600 / 800	126	16.943	5.0	0.09
bioMerieux, VIDAS	108	24.260	9.5	0.28
Roche hCG STAT(Intact)	71	17.292	5.4	0.14
Siemens/DPC Immulite 2000	61	30.807	8.6	0.42
Ortho Vitros 3600/5600/ECi	57	26.649	6.0	0.26
Beckman Access/LXi725	50	16.656	7.3	0.21
Siemens Centaur CP	39	18.090	5.0	0.18
Beckman Access Total BhCG (5th IS)	42	16.896	4.9	0.16
Beckman Dxi Total BhCG (5th IS)	34	17.616	5.2	0.20
Siemens/DPC Immulite 1000	27	29.504	11.9	0.84
Diasorin Liaison	25	15.189	13.5	0.51
SNIBE Maglumi analysers	20	18.551	5.1	0.27
Siemens Dimension	17	24.388	4.0	0.29
Tosoh	14	24.499	4.4	0.36
Roche Cobas Core EIA	10	17.624	3.9	0.27
Radiometer AQT90 Flex	5	16.080	9.9	0.89
Fujirebio Lumipulse G Series	8	13.944	10.5	0.65
Siemens Stratus CS	3	21.533	1.9	0.29

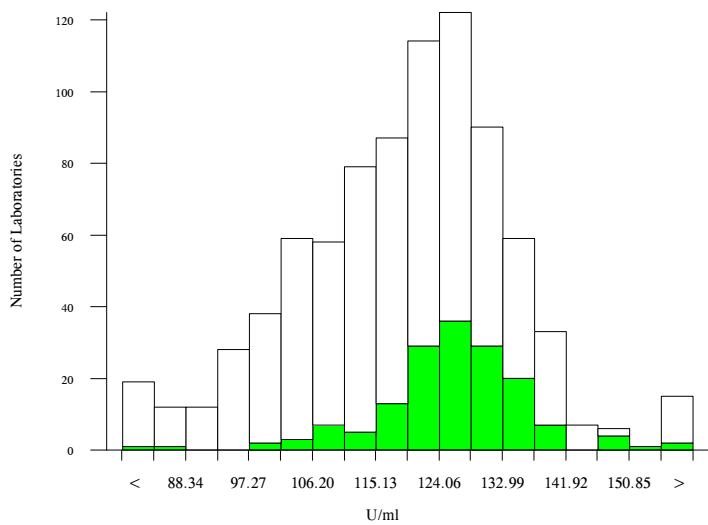


IgE, U/ml

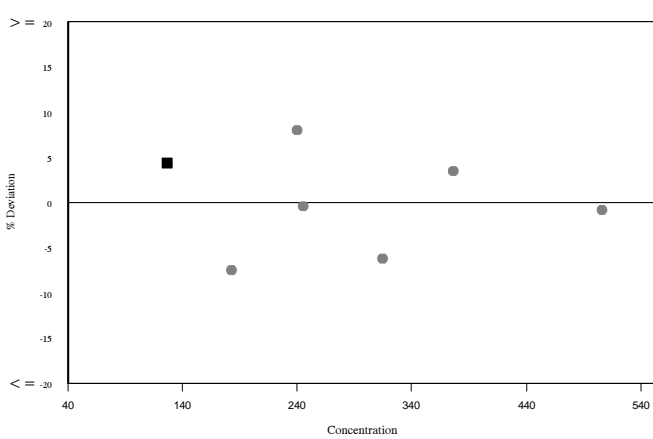
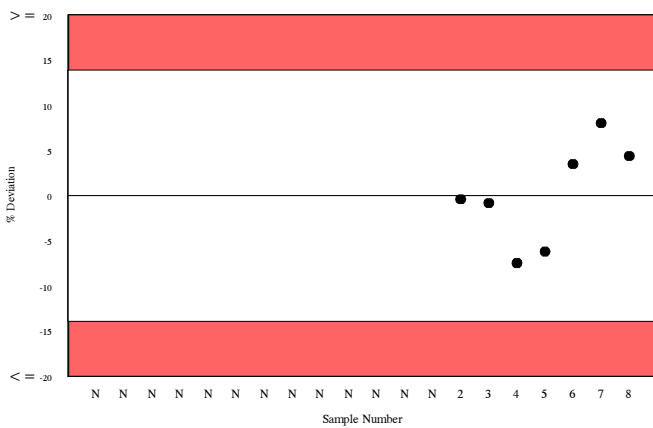
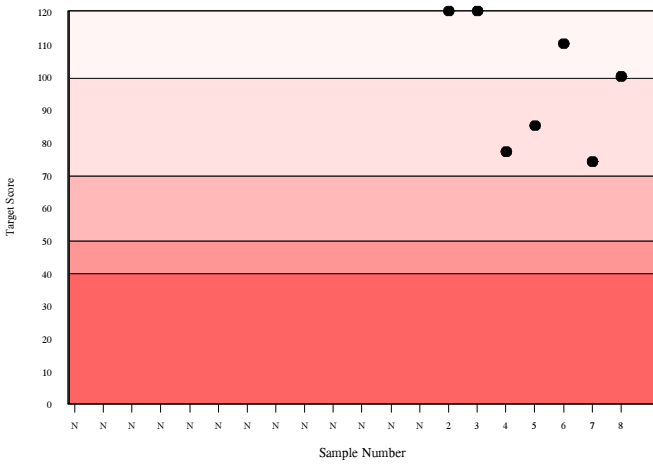
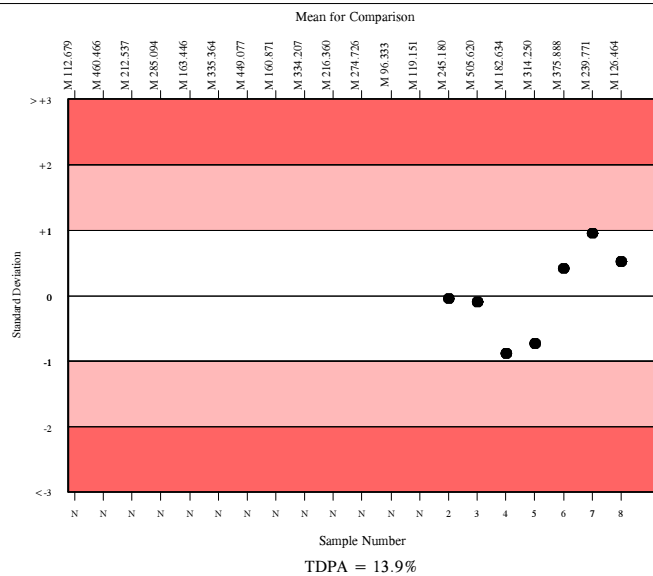
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	780	119.597	10.0	0.53	10.11	59
Roche Cobas 4000/e411	143	126.464	5.5	0.73	10.69	17

▲ Your Result	132.000	SDI	0.52
		RMSDI	Too Few
■ Mean for Comparison	126.464	TS	100
		RMTS	Too Few
		%DEV	4.4
		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	168	128.086	4.6	0.57
Roche Cobas 4000/e411	143	126.464	5.5	0.73
Siemens/DPC Immulite 2000/2500	95	120.288	8.3	1.27
Siemens Centaur XP/XPT/Classic	79	114.695	4.6	0.74
bioMerieux, VIDAS	52	96.616	10.0	1.67
Abbott Architect	43	102.297	5.4	1.04
Siemens/DPC Immulite 1000	24	119.979	6.2	1.90
TOSOH	22	117.136	7.2	2.26
Beckman DxI 600 / 800	22	104.711	6.5	1.82
Phadia Immuncap instruments	22	116.886	9.5	2.97
Roche Elecsys	17	126.165	4.2	1.62
Roche Modular E170	12	125.027	3.7	1.68
SNIBE Maglumi analysers	10	102.638	2.8	1.15
Siemens Centaur CP	8	114.838	6.8	3.43
Biomed	5	111.242	14.6	9.08
Siemens/Dade Behring Nephelometer	4	104.500	1.2	0.81
ELISA	5	90.468	4.5	2.28
Fujirebio Lumipulse G Series	5	108.652	3.6	2.18
Randox RX series Instruments	4	106.848	4.2	2.82
Beckman Access/LXi725	4	104.293	18.8	12.25
Monobind Inc. ELISA / CLIA	3	114.533	12.4	10.28

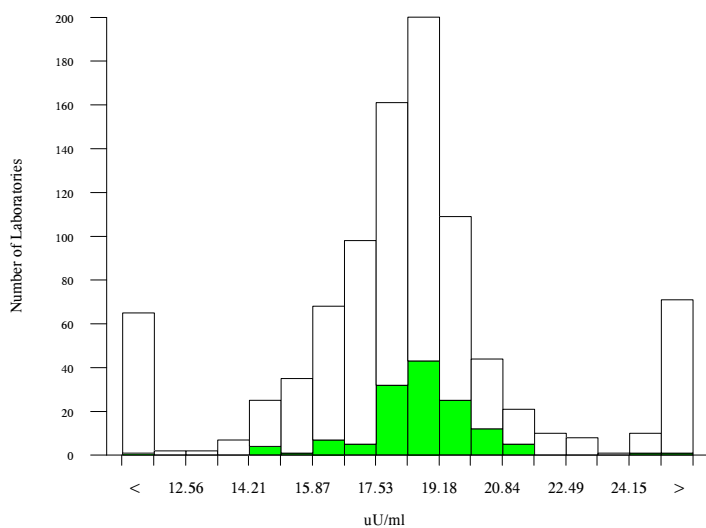


Insulin, uU/ml

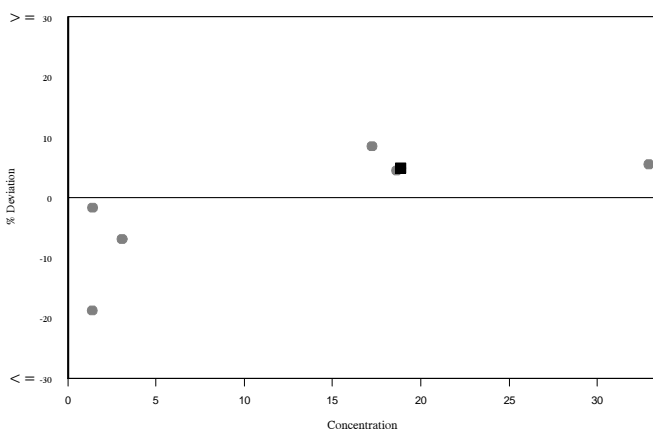
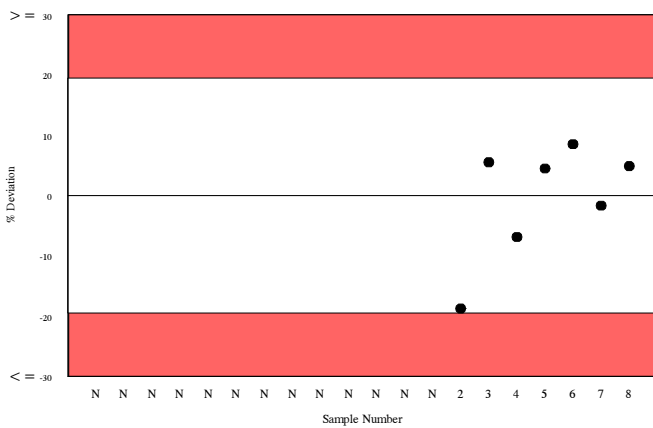
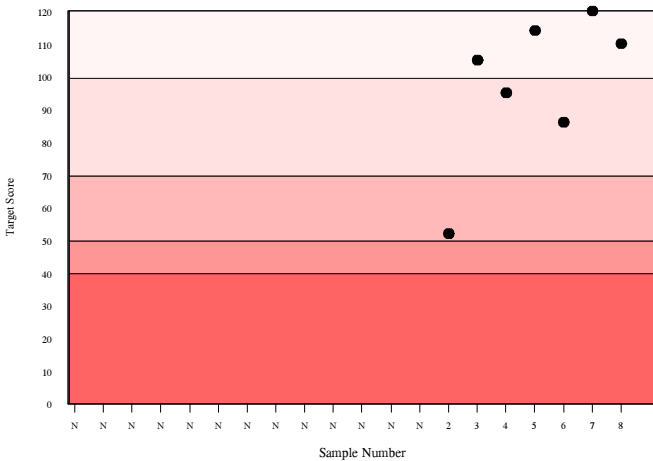
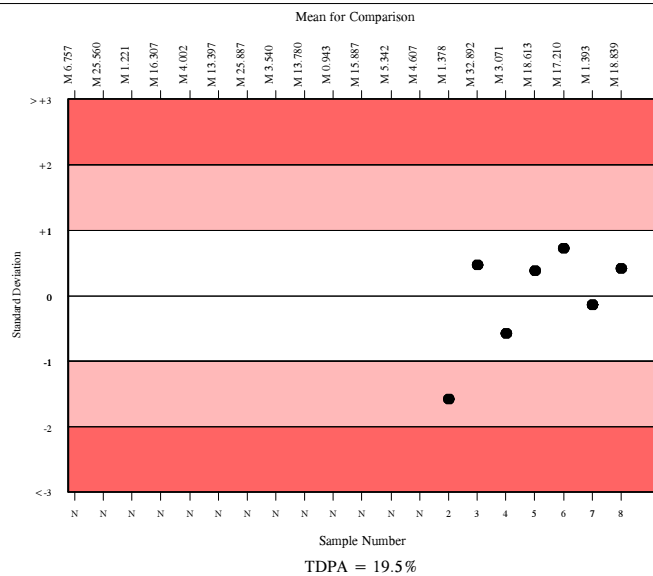
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	826	18.359	12.0	0.10	2.18	112
Roche Cobas 4000/e411	125	18.839	5.3	0.11	2.23	12

▲ Your Result	19.760	SDI	0.41
		RMSDI	Too Few
■ Mean for Comparison	18.839	TS	110
		RMTS	Too Few
		%DEV	4.9
		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	198	18.836	3.2	0.05
Abbott Architect	159	17.721	3.6	0.06
Roche Cobas 4000/e411	125	18.839	5.3	0.11
Beckman DxI 600 / 800	84	15.754	4.9	0.11
Siemens Centaur XP/XPT/Classic	94	23.401	19.6	0.59
Siemens/DPC Immulite 2000	37	7.533	29.1	0.45
Tosoh	23	20.788	6.7	0.37
SNIBE Maglumi analysers	23	16.350	6.4	0.27
Roche Elecsys	20	18.311	6.9	0.35
DiaSorin, Liaison	19	26.604	11.9	0.91
Siemens/DPC Immulite 1000	16	7.054	17.0	0.38
Roche Modular E170	14	18.914	3.1	0.19
Beckman Access/LXi725	12	16.493	7.3	0.44
Siemens Centaur CP	11	25.218	15.4	1.46
Fujirebio Lumipulse G Series	6	18.767	2.4	0.23
ELISA	3	22.650	21.4	3.50
CIS, RIA coated tube	2	17.175	19.3	2.93
Diasource IRMA	2	23.020	0.5	0.10
Monobind Inc. ELISA	1	16.600	0.0	0.00

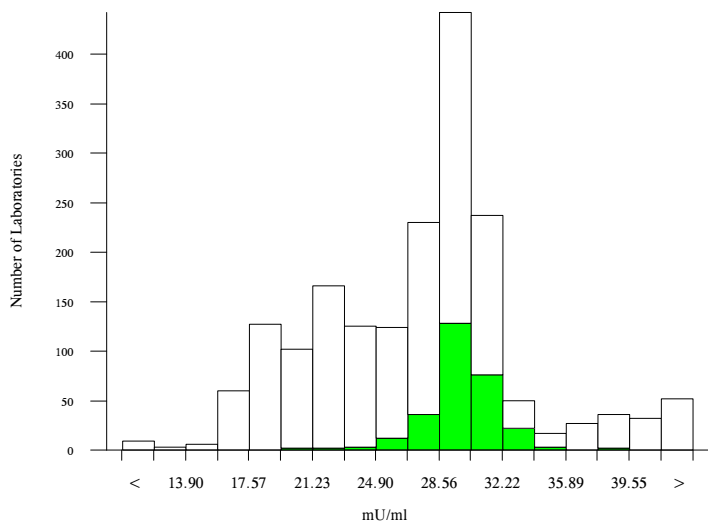


LH, mU/ml

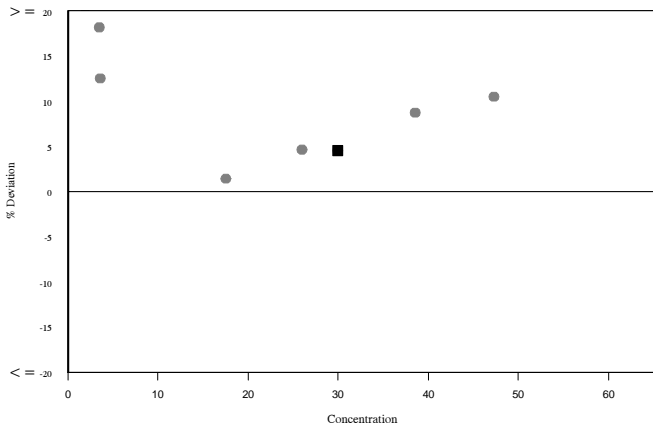
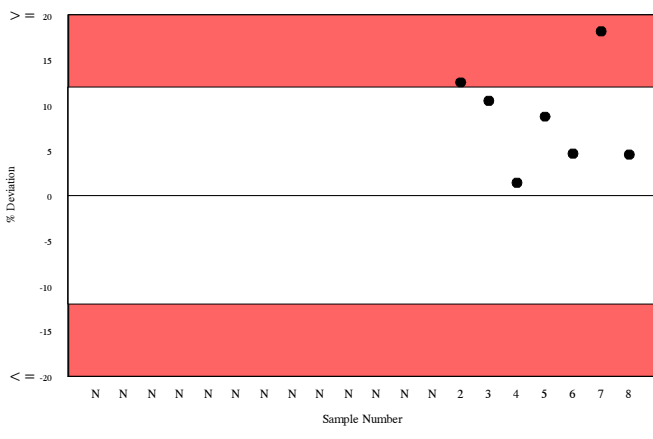
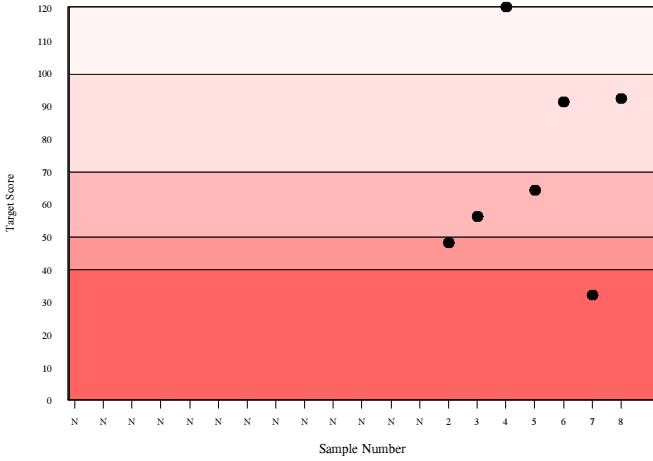
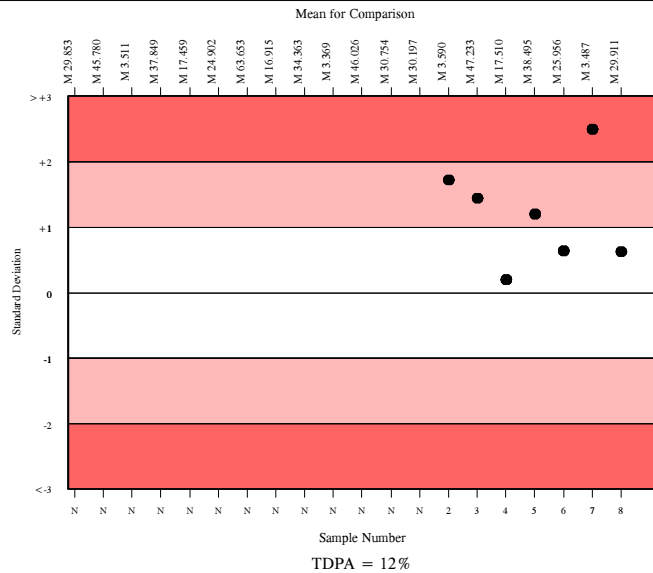
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1735	26.733	18.3	0.15	1.95	110
Roche Cobas 4000/e411	257	29.911	4.7	0.11	2.18	29

▲ Your Result	31.270	SDI	0.62
		RMSDI	Too Few
■ Mean for Comparison	29.911	TS	92
		RMTS	Too Few
		%DEV	4.5
		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	372	29.924	3.5	0.07
Abbott Architect	294	22.148	6.2	0.10
Roche Cobas 4000/e411	257	29.911	4.7	0.11
Siemens Centaur XP/XPT/Classic	182	27.937	4.6	0.12
Beckman DxI 600 / 800	137	18.112	5.8	0.11
bioMerieux, VIDAS	79	24.578	5.7	0.20
Siemens/DPC Immulite 2000	54	40.464	5.9	0.41
Beckman Access/LXi725	50	18.632	6.1	0.20
Roche Elecsys	44	29.204	5.9	0.33
Ortho Vitros 3600/5600/ECi	38	39.467	4.4	0.35
Diasorin Liaison	32	34.273	8.0	0.60
Tosoh	30	25.343	5.4	0.31
Siemens/DPC Immulite 1000	27	40.937	7.6	0.75
Siemens Centaur CP	21	29.234	7.8	0.62
Roche Modular E170	22	29.300	3.2	0.25
SNIBE Maglumi analysers	17	27.301	2.7	0.22
Fujirebio Lumipulse G Series	7	25.839	4.3	0.53
DIAsource, IRMA	4	15.450	8.9	0.86
Siemens Dimension	2	30.560	3.0	0.80
Immunotech IRMA	2	32.495	11.3	3.24
Monobind Inc. ELISA/CLIA	2	36.635	24.6	7.96

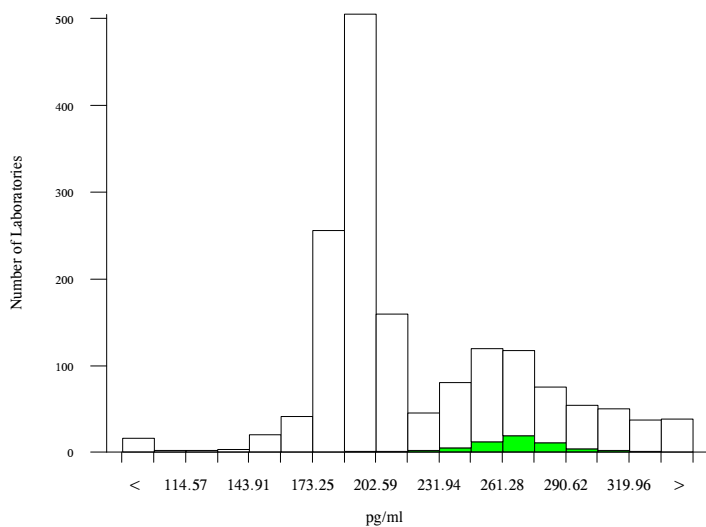


Oestradiol, pg/ml

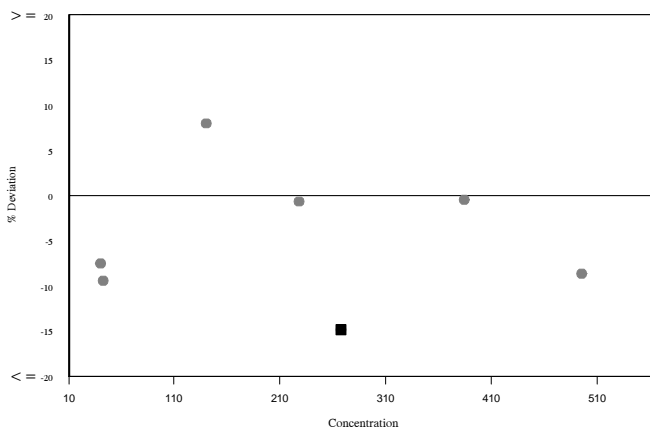
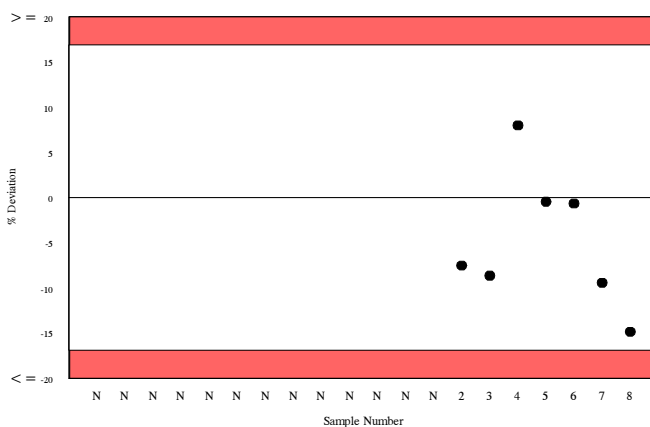
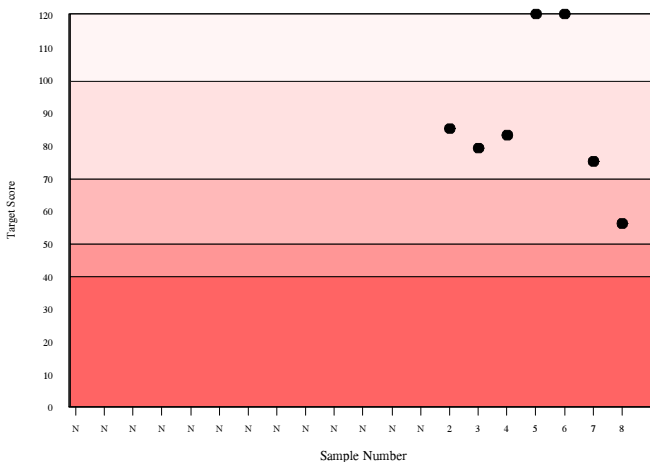
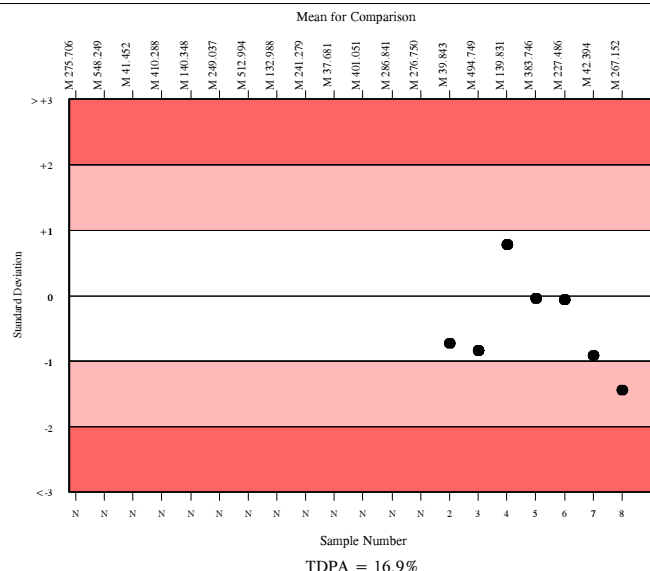
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1511	217.270	18.0	1.26	22.32	106
Siemens/DPC Immulite 2000/2500	52	267.152	6.2	2.86	27.45	6

▲ Your Result	227.500	SDI	-1.44
		RMSDI	Too Few
■ Mean for Comparison	267.152	TS	56
		RMTS	Too Few
		%DEV	-14.8
		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	258	186.201	3.4	0.49
Roche Cobas 6000/8000 (Estradiol III)	210	196.075	3.7	0.63
Beckman DxI 600 / 800	139	264.184	9.8	2.74
Roche Cobas 6000/8000 (Estradiol II)	122	197.299	4.5	1.01
Roche Cobas 4000/e411 (Estradiol III)	118	195.802	4.0	0.90
Roche Cobas 4000/e411 (Estradiol II)	109	193.077	5.9	1.37
Siemens Centaur XP/XPT/Classic (eE2)	104	258.874	5.4	1.70
bioMerieux, VIDAS	72	319.679	4.9	2.32
Siemens/DPC Immulite 2000/2500	52	267.152	6.2	2.86
Siemens Centaur XP/XPT/Classic	48	262.045	4.3	2.04
Beckman Access/LXi725	37	273.302	8.6	4.82
Roche Elecsys (Estradiol II)	32	196.188	6.6	2.87
Siemens/DPC Immulite 1000	25	278.229	7.4	5.17
Ortho Vitros 3600/5600/ECi	24	249.167	6.6	4.20
SNIBE Maglumi analysers	16	307.901	1.0	0.92
Diasorin Liaison	18	164.822	9.2	4.49
Tosoh (E2)	16	207.748	7.5	4.85
Roche Modular E170 (Estradiol III)	16	193.783	7.1	4.31
Roche Elecsys (Estradiol III)	11	192.629	5.1	3.68
Tosoh (iE2-hsE2)	11	204.218	5.6	4.33
Siemens Centaur CP	6	265.823	4.5	6.16

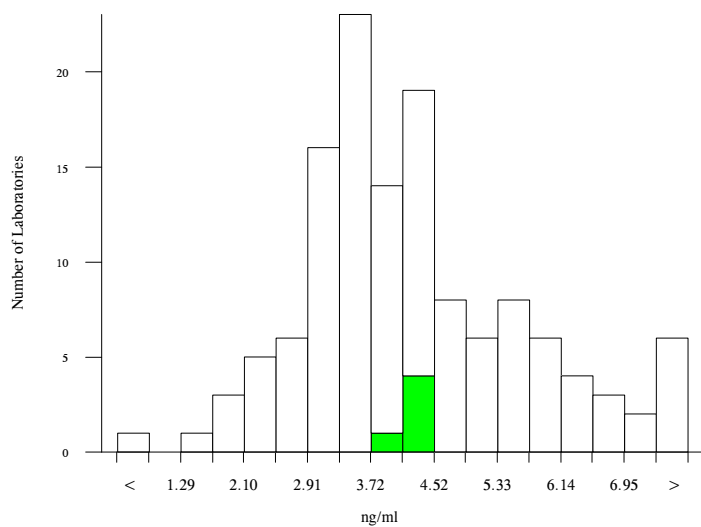


17-OH-Progesterone, ng/ml

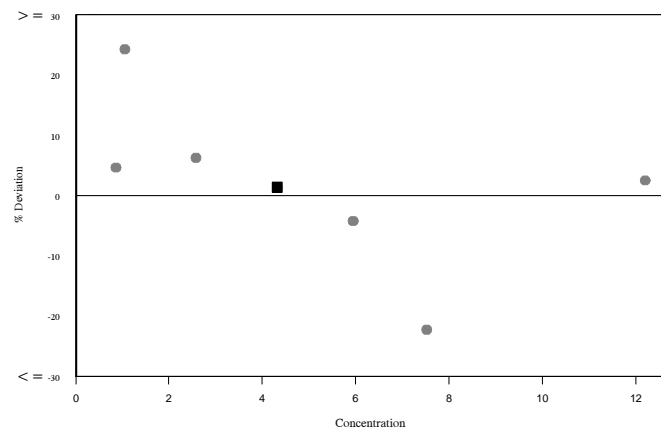
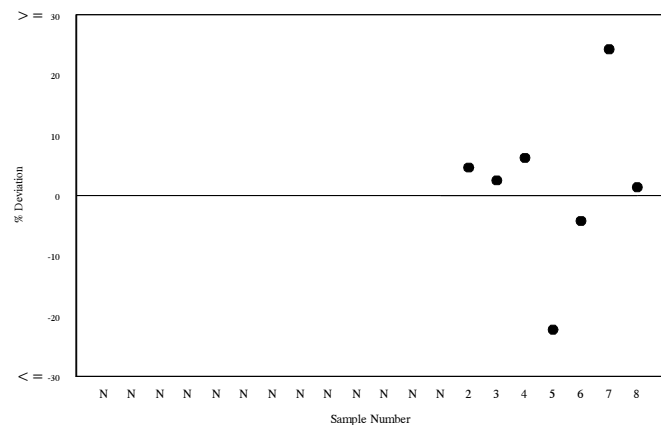
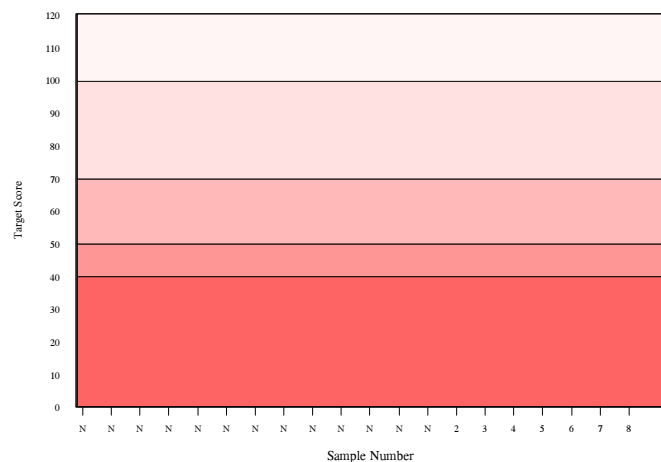
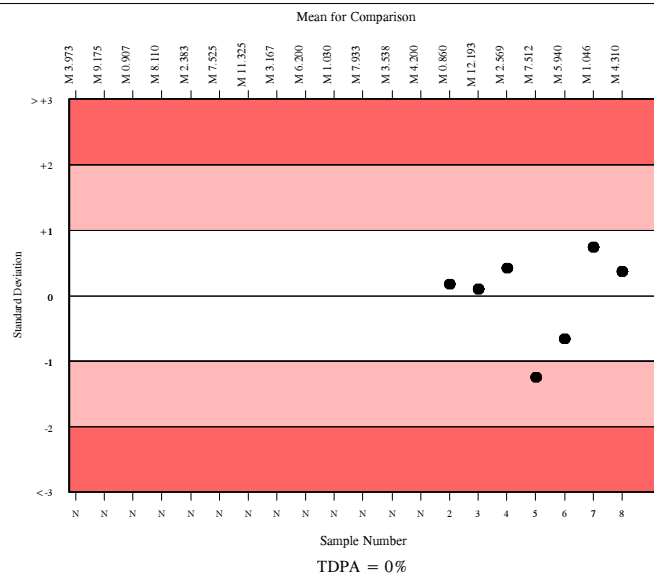
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	116	4.125	26.2	0.13	1.08	15
DiaMetra ELISA	5	4.310	3.3	0.08	0.16a	0

▲ Your Result	4.370	SDI	0.37
		RMSDI	Too Few
■ Mean for Comparison	4.310	TS	N/A
		RMTS	Too Few
		%DEV	1.4
		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	27	4.586	20.2	0.22
ELISA	13	3.545	23.0	0.28
SNIBE Maglumi analysers	10	3.660	1.7	0.02
DIASource ELISA	10	5.306	21.9	0.46
Immunotech RIA	10	3.501	11.3	0.16
DIASource RIA	8	4.143	9.2	0.17
IBL ELISA	6	5.943	8.7	0.26
Novatec ELISA	5	3.898	8.6	0.19
DiaMetra ELISA	5	4.310	3.3	0.08
CIS, RIA Coated Tube	4	2.180	15.9	0.22
Monobind Inc. ELISA / CLIA	3	5.944	15.0	0.64
Beckman Coulter RIA	2	2.880	5.9	0.15
Labor Diagnostike Nord ELISA	2	4.750	31.3	1.31
MP Biomedicals RIA	2	4.115	38.3	1.39

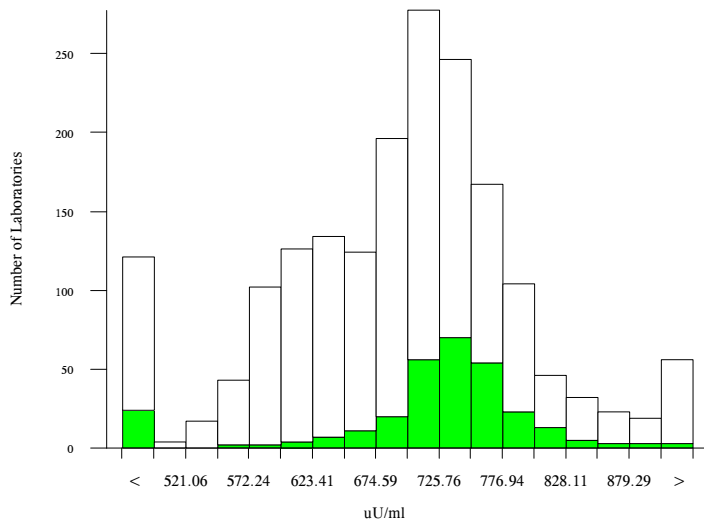


Prolactin, uU/ml

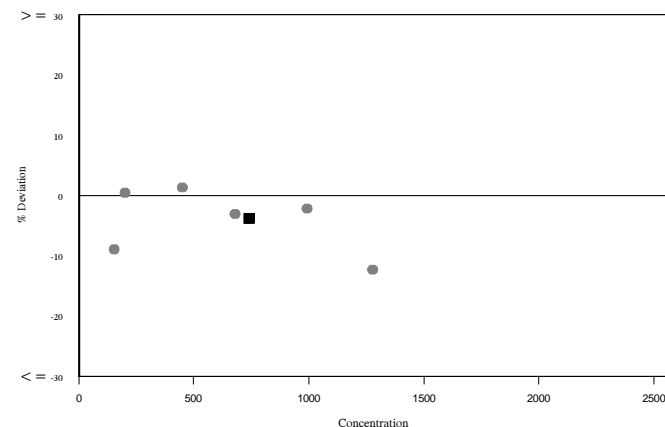
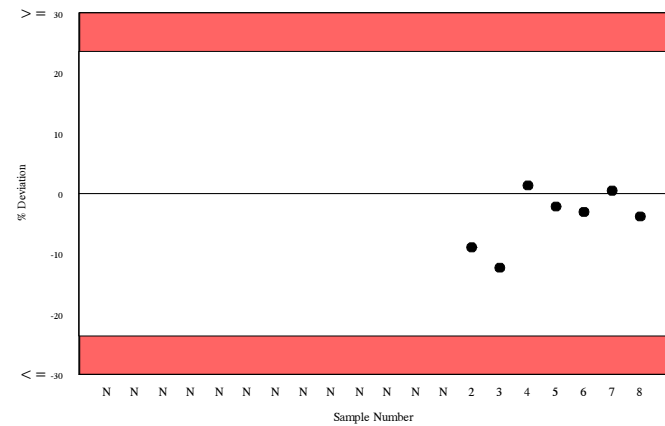
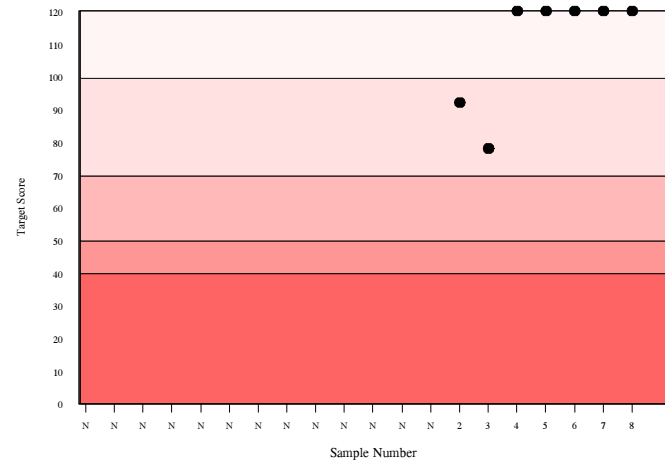
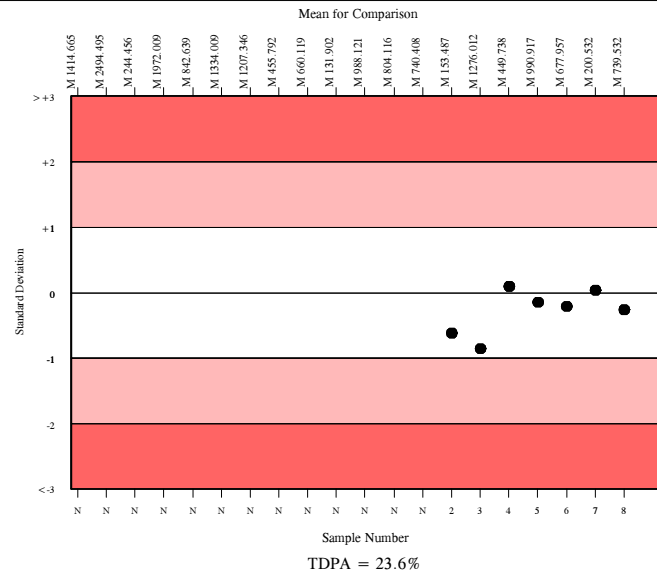
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1614	700.180	9.7	2.12	100.46	223
Roche Cobas 4000/e411	258	739.532	5.6	3.24	106.11	42

▲ Your Result	711.500	SDI	-0.26
		RMSDI	Too Few
■ Mean for Comparison	739.532	TS	120
		RMTS	Too Few
		%DEV	-3.8
		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	308	714.274	3.8	1.95
Roche Cobas 4000/e411	258	739.532	5.6	3.24
Abbott Architect	237	734.615	5.3	3.14
Siemens Centaur XP/XPT/Classic	166	606.963	4.7	2.74
Beckman DxI 600 / 800	128	608.329	5.7	3.82
bioMerieux, VIDAS	63	853.600	6.3	8.53
Siemens/DPC Immulite 2000/2500	53	658.130	5.7	6.41
Beckman Access/LXi725	44	635.635	6.5	7.75
Roche Elecsys/E170/Cobas 6000/8000 PRLII	44	709.814	4.8	6.43
Ortho Vitros 3600/5600/ECi	40	636.490	4.6	5.76
Roche Elecsys	38	718.754	5.5	7.99
Abbott Architect (Re-standardised)	40	736.117	6.0	8.75
Siemens/DPC Immulite 1000	29	665.983	8.2	12.64
Tosoh	28	774.464	14.6	26.74
Diasorin Liaison	24	802.512	7.5	15.35
SNIBE Maglumi analysers	17	764.501	3.1	7.29
Siemens Centaur CP	14	614.988	9.6	19.81
Roche Modular E170	14	705.848	4.5	10.71
Fujirebio Lumipulse G Series	5	912.850	2.6	13.27
Immunotech IRMA	8	776.956	4.6	15.94
Siemens Dimension	3	771.267	3.3	18.30

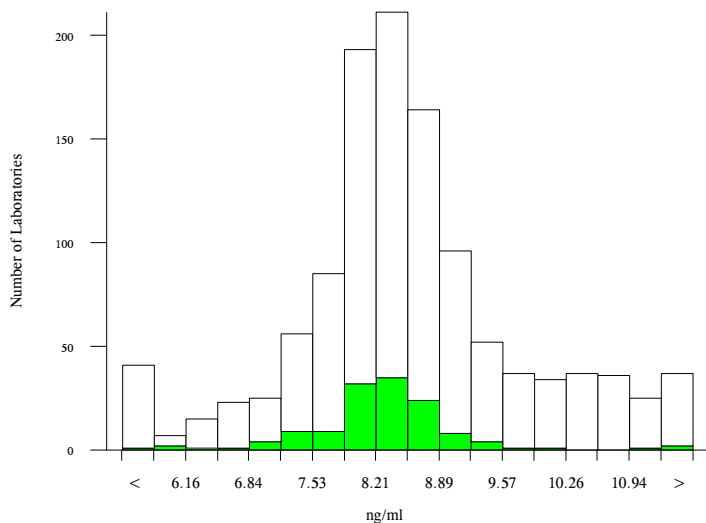


PSA, Free, ng/ml

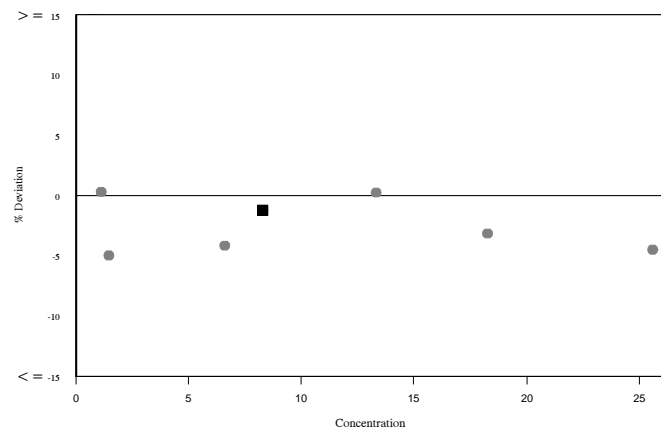
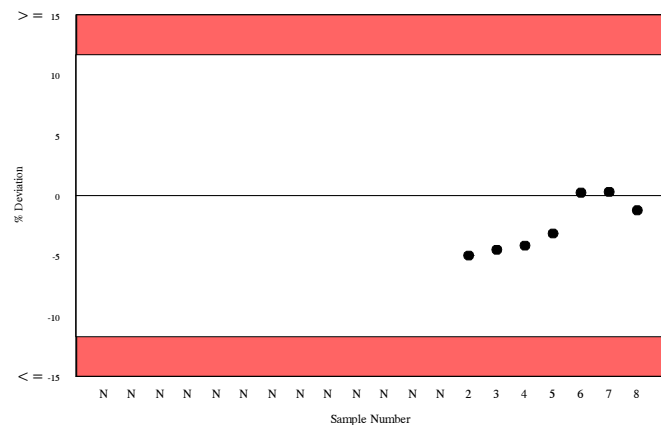
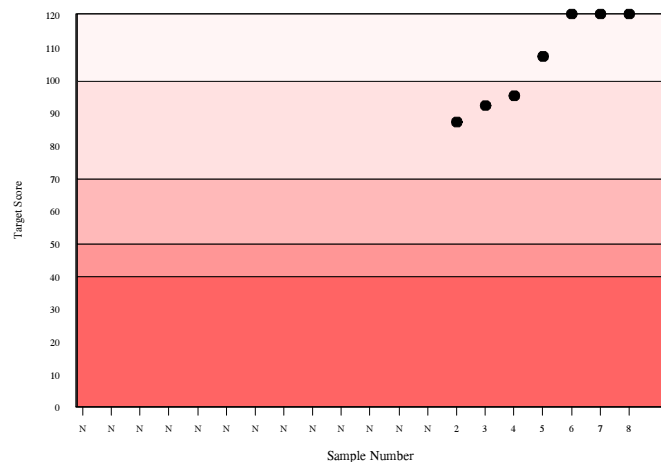
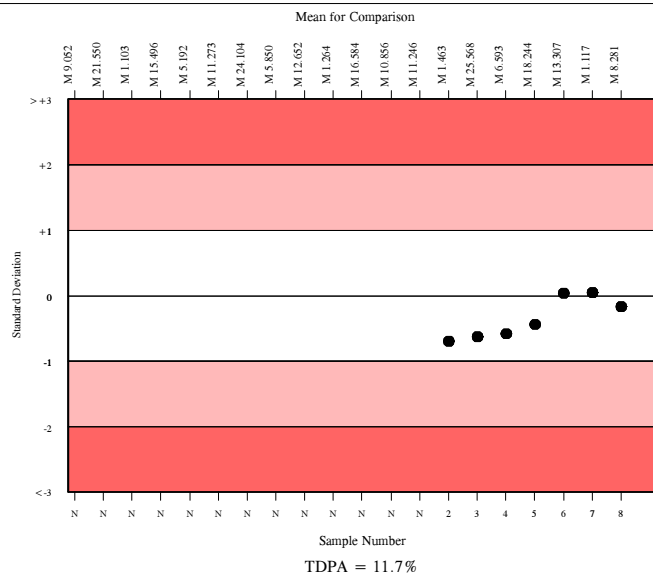
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1055	8.554	10.6	0.04	0.61	128
Roche Cobas 4000/e411	118	8.281	5.4	0.05	0.59	17

▲ Your Result	8.180	SDI	-0.17
		RMSDI	Too Few
■ Mean for Comparison	8.281	TS	120
		RMTS	Too Few
		%DEV	-1.2
		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	257	8.146	3.7	0.02
Abbott Architect	232	8.690	5.4	0.04
Siemens Centaur XP/XPT/Classic	121	8.870	4.7	0.05
Roche Cobas 4000/e411	118	8.281	5.4	0.05
Beckman DXI standardised to Hybritech	109	10.531	6.2	0.08
Siemens/DPC Immulite 2000/2500	34	6.748	8.5	0.12
Beckman Access standardised to Hybritech	29	10.842	5.0	0.13
BioMerieux VIDAS	20	10.841	7.4	0.22
Roche Elecsys	25	8.197	7.0	0.14
Diasorin Liaison	23	3.091	5.5	0.04
SNIBE Maglumi analysers	15	8.343	1.6	0.04
Roche Modular E170	18	7.858	5.5	0.13
TOSOH	14	7.126	5.1	0.12
Siemens/DPC Immulite 1000	10	6.492	9.1	0.23
Fujirebio Lumipulse G Series	10	6.933	5.6	0.15
Ortho Vitros 3600/5600/ECi PSA II	8	7.506	3.7	0.12
Ortho Vitros 3600/5600/ECi	7	7.166	5.6	0.19
Siemens Dimension	4	8.480	1.0	0.05
Beckman DXI standard to WHO IRP96/670	6	8.227	4.4	0.19
CIS, RIA coated tube	3	6.083	7.5	0.33
Beckman Access standard to WHO IRP96/670	3	10.730	2.1	0.16

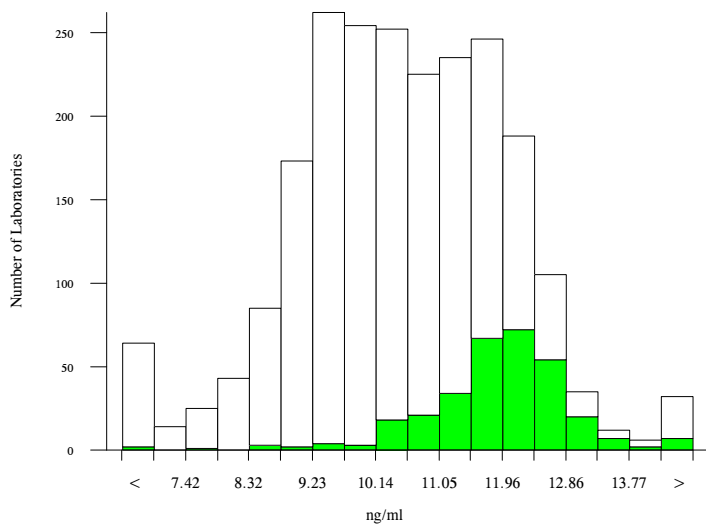


PSA, Total, ng/ml

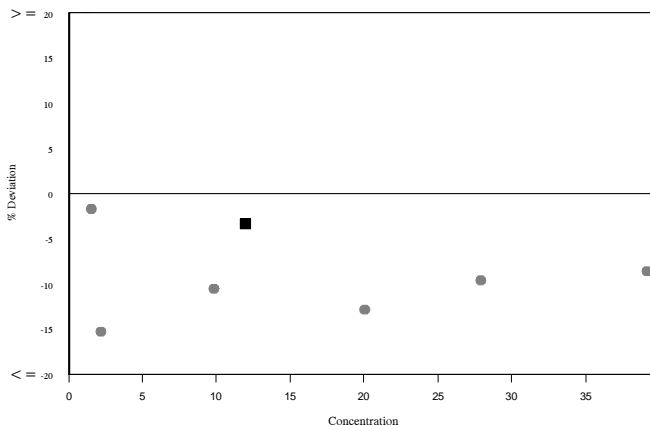
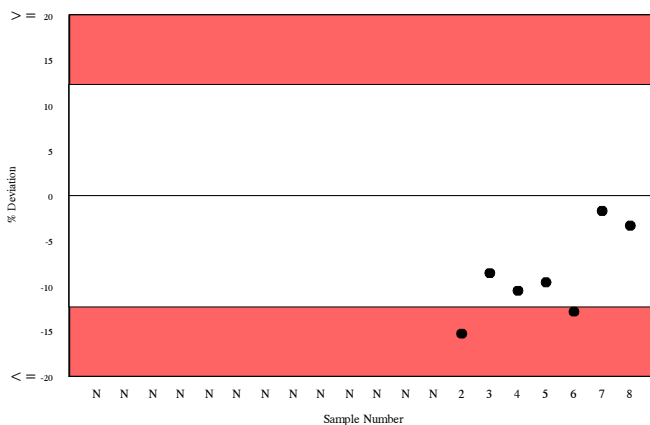
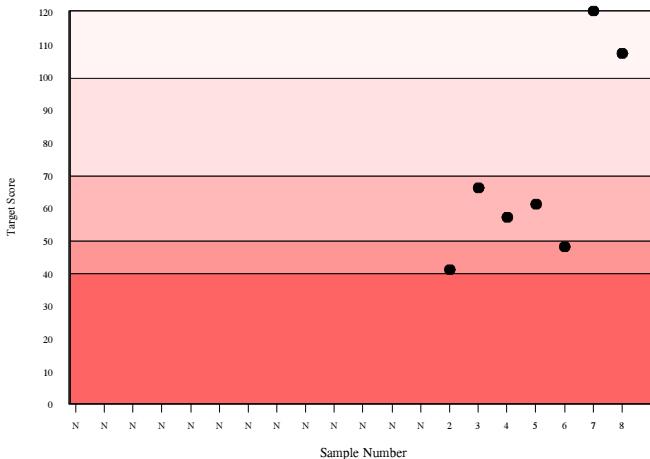
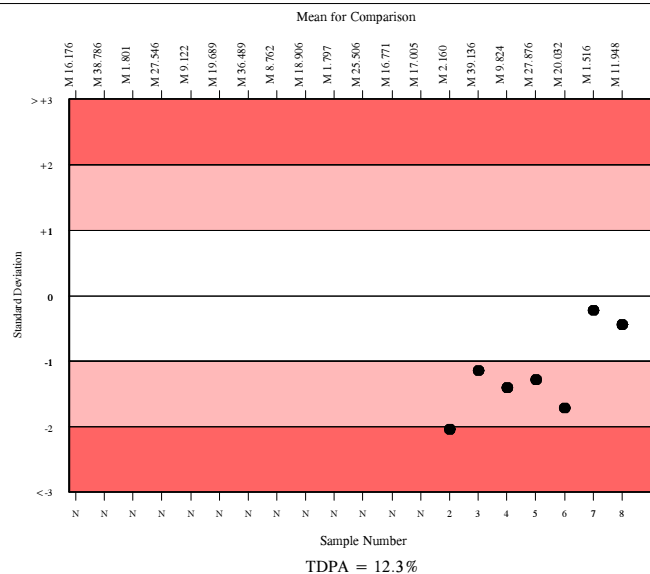
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2105	10.599	11.4	0.03	0.79	151
Roche Cobas 4000/e411	289	11.948	5.9	0.05	0.89	28

▲ Your Result	11.550	SDI RMSDI	-0.45 Too Few
■ Mean for Comparison	11.948	TS RMTS	107 Too Few
		%DEV RM%DEV	-3.3 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	454	11.527	4.8	0.03
Abbott Architect	405	9.722	5.9	0.04
Roche Cobas 4000/e411	289	11.948	5.9	0.05
Siemens Centaur XP/XPT/Classic	230	9.305	5.1	0.04
Beckman DXI standardised to Hybritech	153	10.172	5.4	0.06
Beckman Access standardised to Hybritech	72	10.492	6.1	0.09
Roche Elecsys	57	11.884	6.2	0.12
bioMerieux, Vidas TPSA	41	11.320	6.3	0.14
Siemens Immulite 2000/2500, Total PSA	40	10.085	6.3	0.12
Diasorin Liaison	41	3.675	9.7	0.07
Ortho Vitros 3600/5600/ECi PSA II	38	11.056	4.9	0.11
Siemens Centaur CP	31	8.907	5.2	0.10
Tosoh	29	7.509	8.2	0.14
Siemens Immulite 1000, Total PSA	28	8.624	6.5	0.13
SNIBE Maglumi analysers	26	12.083	8.2	0.24
Roche Modular E170	22	11.113	4.7	0.14
Ortho Vitros 3600/5600/ECi	21	10.985	5.2	0.15
Beckman DXI standard to WHO IRP96/670	18	8.103	8.4	0.20
Beckman Access standard to WHO IRP96/670	16	10.298	6.6	0.21
bioMerieux, Vidas	17	11.082	8.1	0.27
CIS, RIA coated tube	11	10.150	3.8	0.14

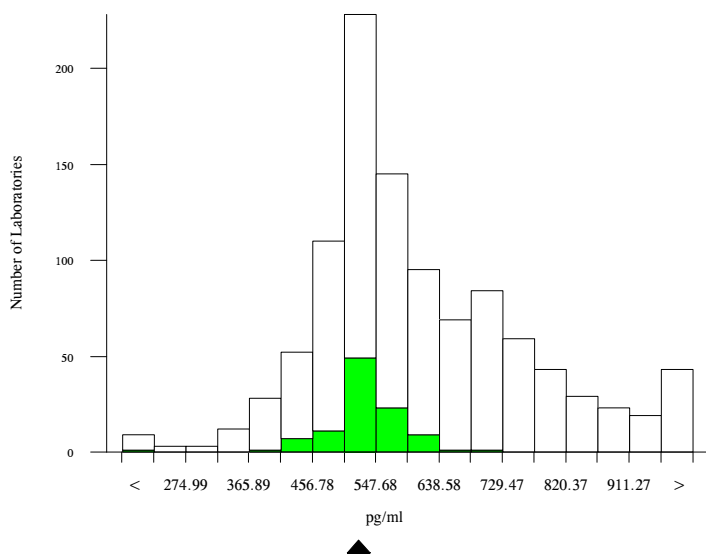


Parathyroid hormone, pg/ml

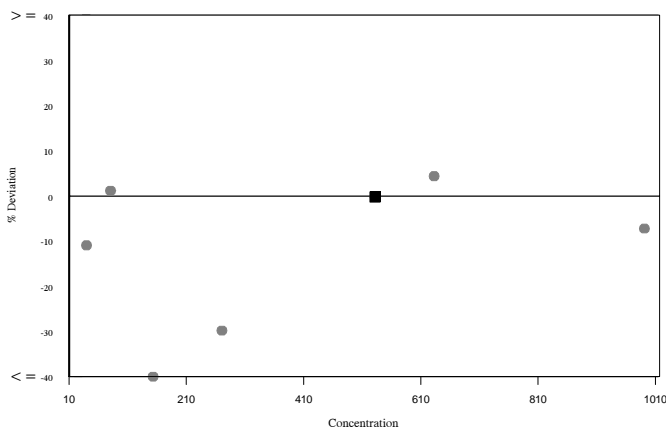
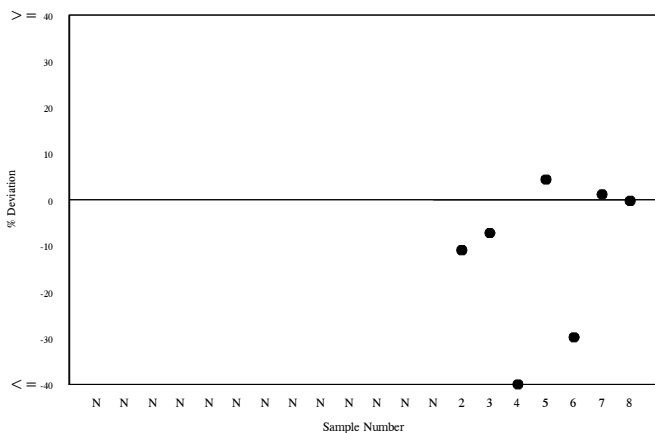
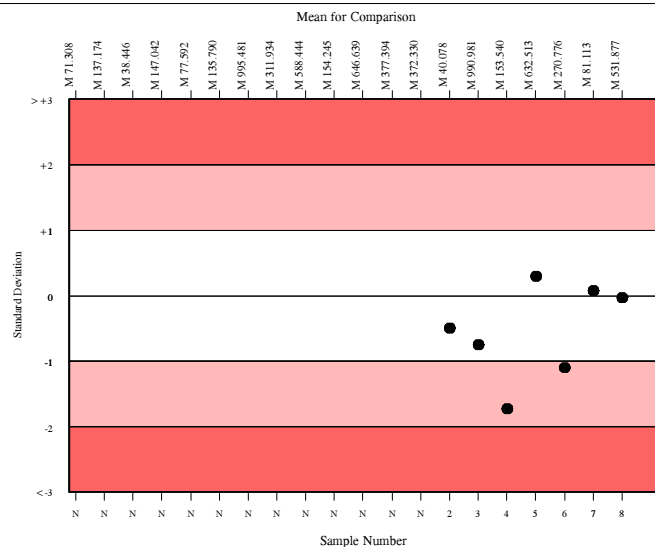
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	978	593.132	20.4	4.84	121.20	76
Roche Cobas 4000/e411 PTH/PTH STAT	95	531.877	7.3	4.96	38.70	8

▲ Your Result	530.500	SDI	-0.04
		RMSDI	Too Few
■ Mean for Comparison	531.877	TS	N/A
		RMTS	N/A
		%DEV	-0.3
		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	176	518.907	6.1	2.99
Abbott Architect	137	690.814	6.9	5.06
Siemens Centaur XP/XPT/Classic	104	792.029	10.5	10.22
Beckman DxI 600 / 800	97	594.931	7.6	5.75
Roche Cobas 4000/e411 PTH/PTH STAT	95	531.877	7.3	4.96
Roche Cobas 6000/8000 PTH (1-84)	68	497.487	11.2	8.44
Roche Cobas 4000/e411 PTH (1-84)	59	515.547	9.9	8.34
Siemens/DPC Immulite 2000	41	961.515	11.1	20.82
Roche Elecsys PTH/PTH STAT	32	514.318	7.3	8.25
Beckman Access/LXi725	24	560.153	6.9	9.92
DiaSorin, Liaison 1-84 PTH	20	391.432	12.9	14.11
SNIBE Maglumi analysers	16	785.846	4.1	10.13
Ortho Vitros 3600/5600/ECi	16	708.017	7.2	15.99
Tosoh	15	595.801	9.3	17.79
Siemens/DPC Immulite 1000	10	856.916	7.1	24.10
DiaSorin, Liaison N-TACT PTH II	11	899.091	26.3	89.17
Roche Modular E170 PTH/PTH STAT	10	513.162	7.7	15.69
CIS IRMA	8	431.534	14.1	26.81
Siemens Centaur CP	7	787.871	14.6	54.51
Roche Elecsys PTH (1-84)	7	508.476	22.2	53.28
Roche Modular E170 PTH (1-84)	3	502.599	15.9	57.81

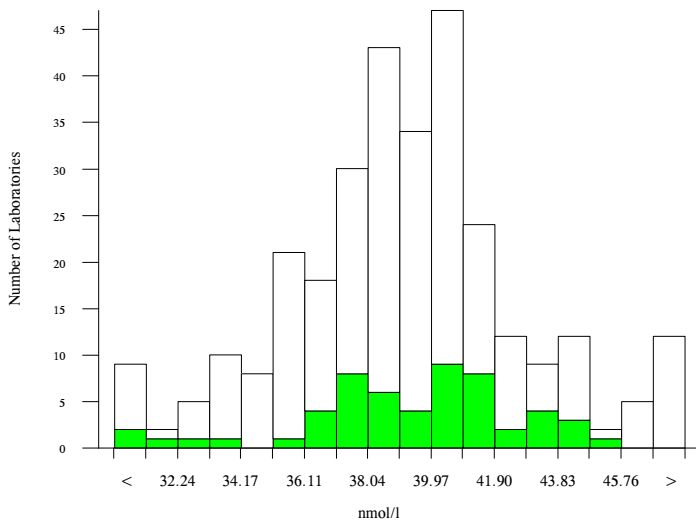


Sex Hormone Binding Globulin, nmol/l

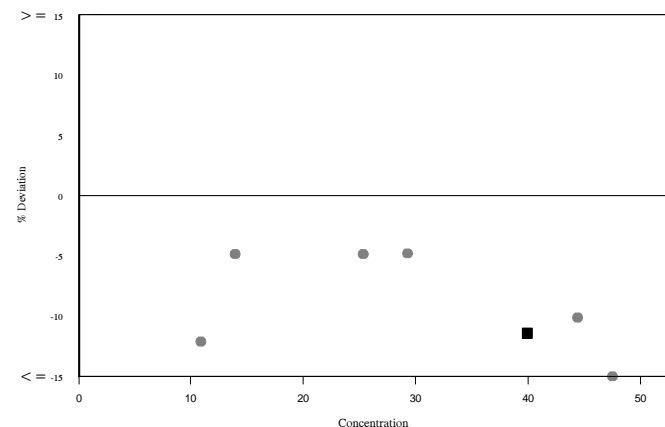
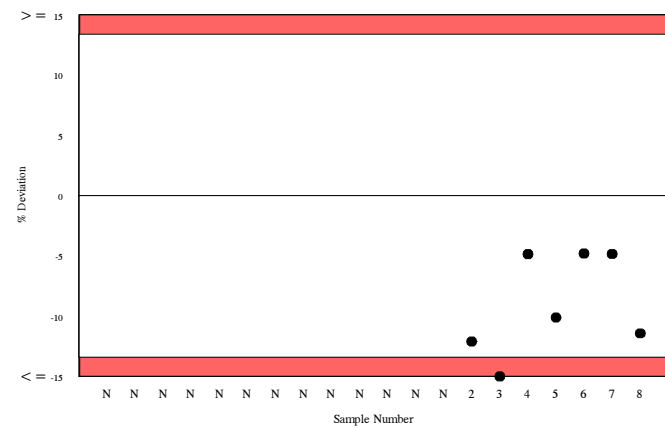
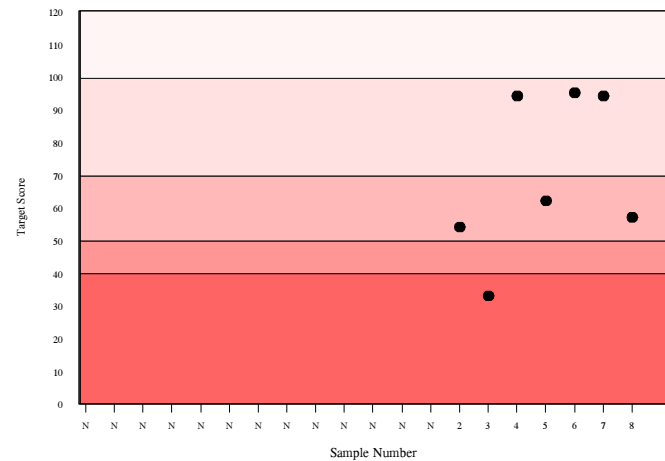
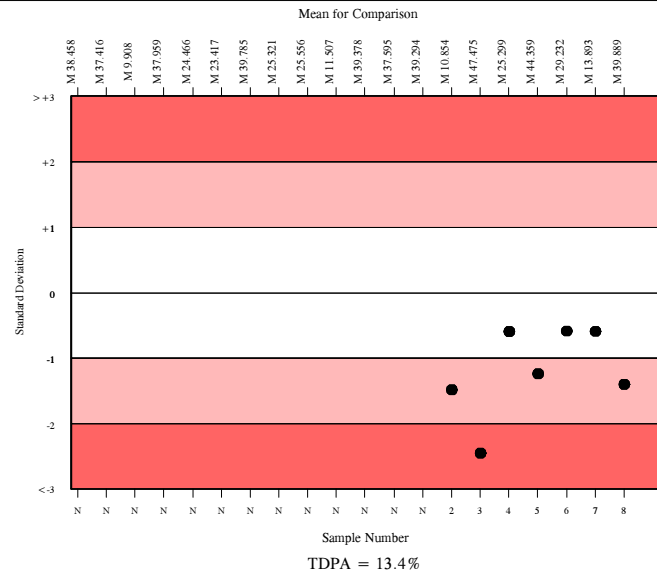
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	271	39.007	6.6	0.20	3.18	32
Roche Cobas 4000/e411	49	39.889	5.6	0.40	3.25	6

▲ Your Result	35.330	SDI RMSDI	-1.40 Too Few
■ Mean for Comparison	39.889	TS RMTS	57 Too Few
		%DEV RM%DEV	-11.4 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	39.722	3.0	0.18
Roche Cobas 4000/e411	49	39.889	5.6	0.40
Siemens/DPC Immulite 2000/2500	41	37.509	6.2	0.46
Abbott Architect	41	39.713	7.5	0.58
Beckman DXI 600 / 800	27	37.830	7.5	0.69
Siemens Centaur (Ref 06520781)	13	49.464	16.3	2.80
Roche Modular E170	12	39.161	3.8	0.54
Siemens Centaur (Ref 10997191)	9	38.086	7.1	1.12
Siemens/DPC Immulite 1000	6	34.183	5.0	0.87
Roche Elecsys	6	39.197	12.3	2.47
ELISA	2	43.065	9.6	3.67
Beckman Access	2	34.600	1.2	0.37

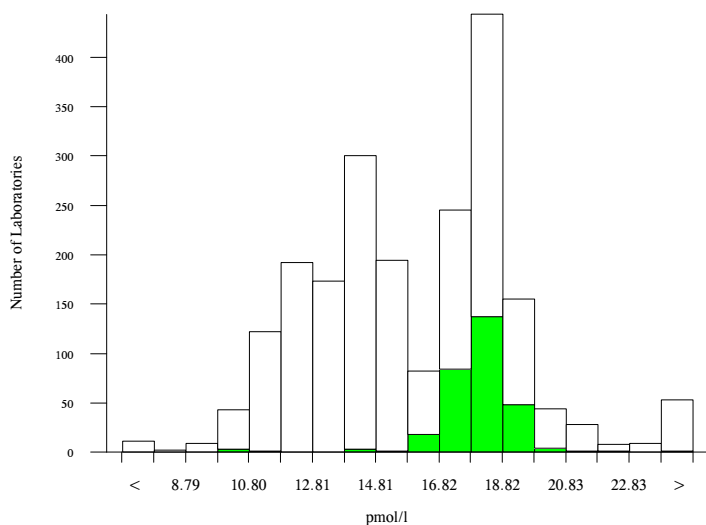


Free T3, pmol/l

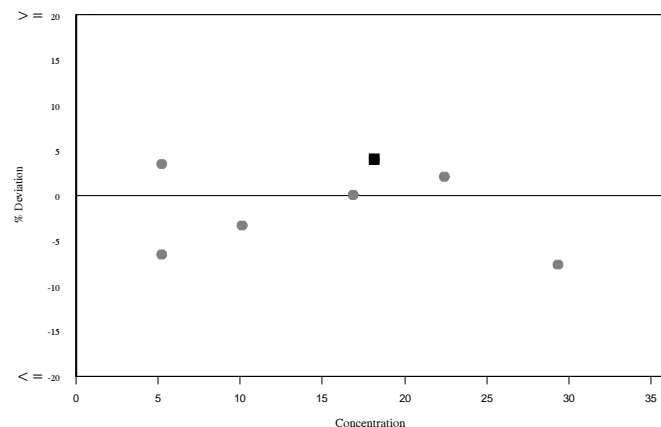
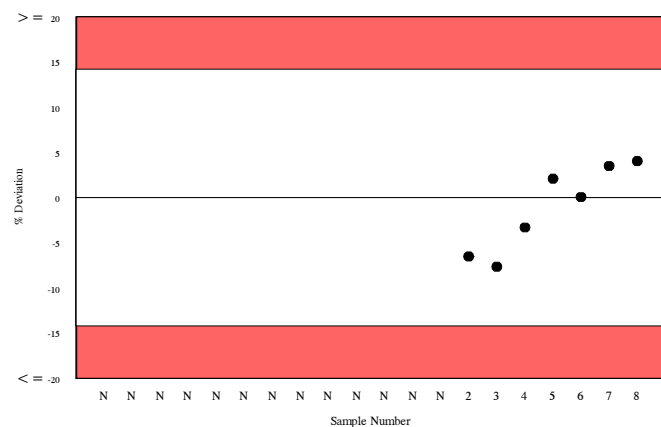
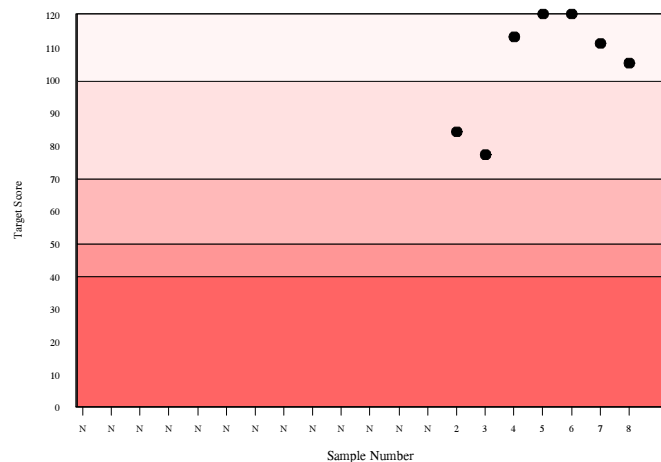
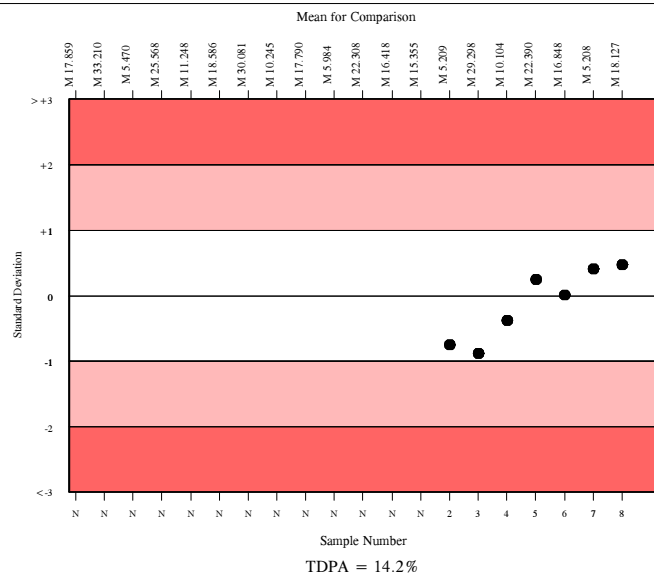
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2006	15.819	16.9	0.07	1.37	122
Roche Cobas 4000/e411	277	18.127	3.8	0.05	1.56	25

▲ Your Result	18.860	SDI	0.47
		RMSDI	Too Few
■ Mean for Comparison	18.127	TS	105
		RMTS	Too Few
		%DEV	4.0
		RM%DEV	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	441	18.178	3.2	0.04
Abbott Architect	369	13.888	8.2	0.07
Roche Cobas 4000/e411	277	18.127	3.8	0.05
Siemens Centaur XP/XPT/Classic	238	14.691	3.9	0.05
Beckman DxI 600 / 800	156	11.655	6.7	0.08
Beckman Access/LXi725	68	12.838	6.7	0.13
Roche Elecsys	67	18.429	5.2	0.15
BioMerieux VIDAS	60	15.430	9.0	0.22
Diasorin Liaison	52	21.117	6.2	0.23
Siemens/DPC Immulite 2000/2500	42	12.230	7.5	0.18
Ortho Vitros 3600/5600/ECi	29	34.491	1.9	0.15
Siemens Centaur CP	31	14.022	2.7	0.09
Tosoh	32	20.616	8.8	0.40
SNIBE Maglumi analysers	24	11.842	3.4	0.10
Siemens/DPC Immulite 1000	21	11.976	8.9	0.29
Roche Modular E170	19	17.924	3.2	0.16
Fujirebio Lumipulse G Series	6	18.158	1.9	0.18
Siemens Dimension Vista LOCI	4	18.613	2.5	0.29
Siemens Dimension	3	19.594	4.3	0.61
Brahms, RIA	1	14.572	0.0	0.00
Siemens Dimension Exl LOCI	2	18.984	4.1	0.69

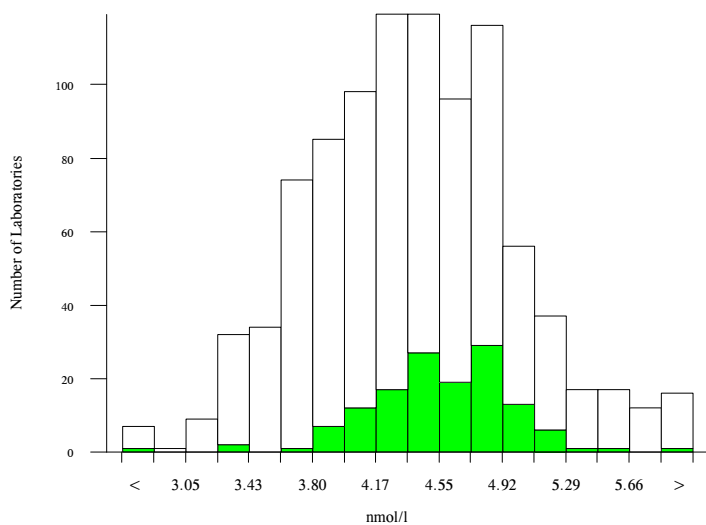


Total T3, nmol/l

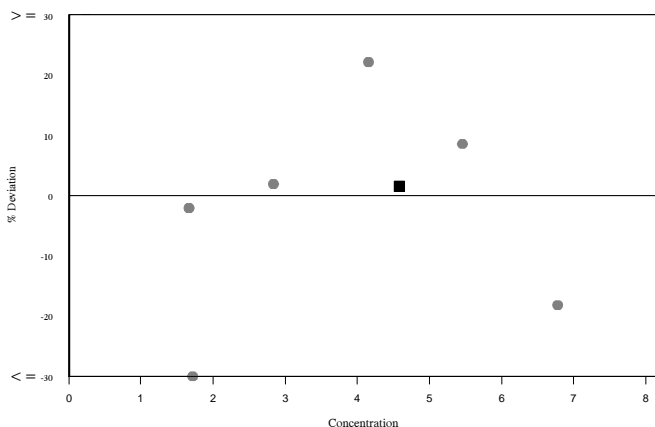
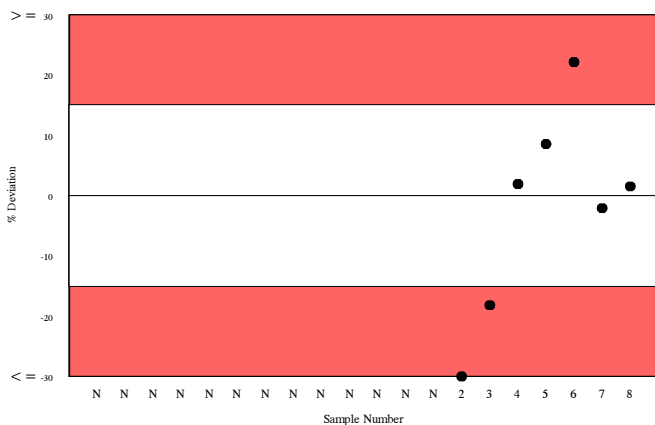
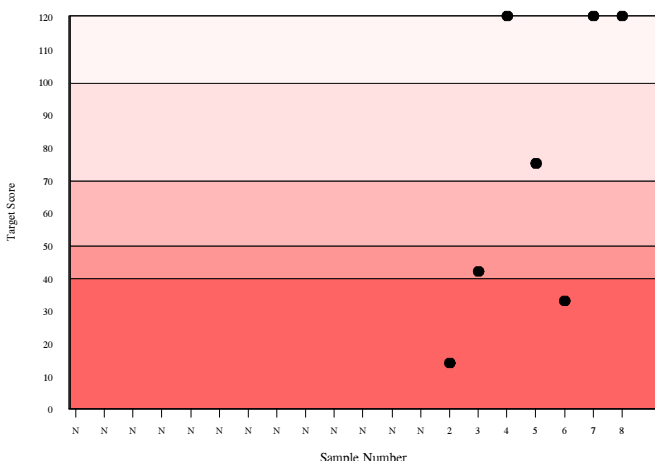
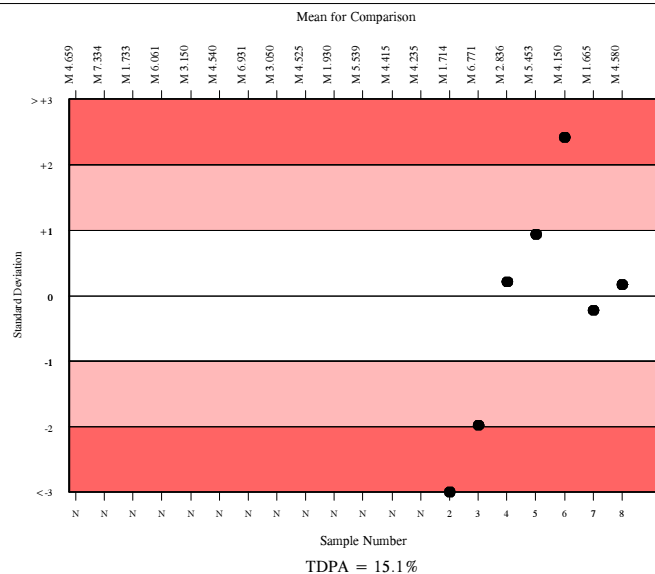
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	888	4.364	11.4	0.02	0.40	59
Roche Cobas 4000/e411	129	4.580	7.2	0.04	0.42	9

▲ Your Result	4.650	SDI	0.17
		RMSDI	Too Few
■ Mean for Comparison	4.580	TS	120
		RMTS	Too Few
		%DEV	1.5
		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	190	3.926	6.3	0.02
Roche Cobas 6000/8000	179	4.534	5.0	0.02
Roche Cobas 4000/e411	129	4.580	7.2	0.04
Siemens Centaur XP/XPT/Classic	82	4.848	4.6	0.03
Ortho Vitros 3600/5600/ECi	38	5.094	5.7	0.06
Siemens/DPC Immulite 2000/2500	38	4.042	5.7	0.05
Beckman Dxi600 / 800	32	3.803	5.4	0.05
Beckman Access/LXi725	28	3.815	7.3	0.07
bioMerieux, VIDAS	26	4.546	5.1	0.06
SNIBE Maglumi analysers	22	5.583	7.3	0.11
Siemens/DPC Immulite 1000	19	4.391	12.8	0.16
Siemens Centaur CP	19	5.151	7.7	0.11
Roche Elecsys	12	4.677	4.6	0.08
Diasorin Liaison	13	3.624	14.2	0.18
CIS, RIA coated tube	10	3.219	3.3	0.04
Roche Modular E170	10	4.544	5.1	0.09
Tosoh	10	4.421	8.7	0.15
Immunotech RIA	7	3.520	6.2	0.10
Monobind Inc. ELISA	4	4.006	3.1	0.08
ELISA	2	4.367	32.0	1.23

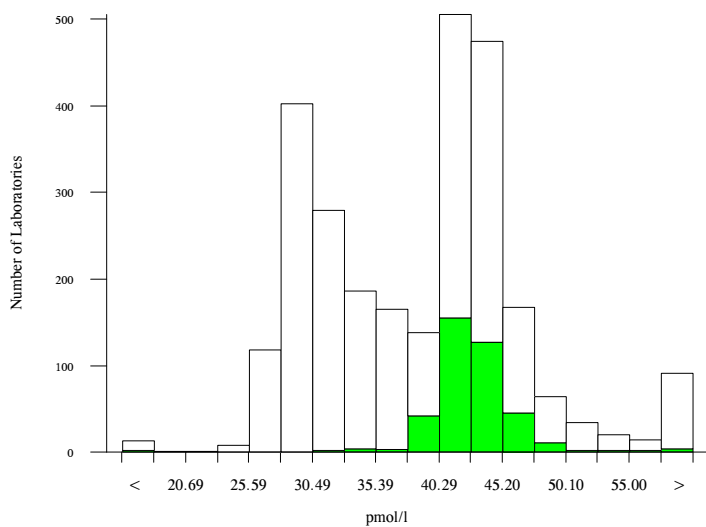


Free T4, pmol/l

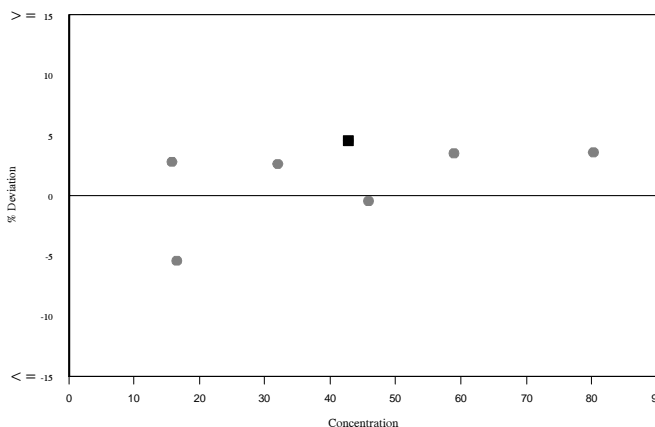
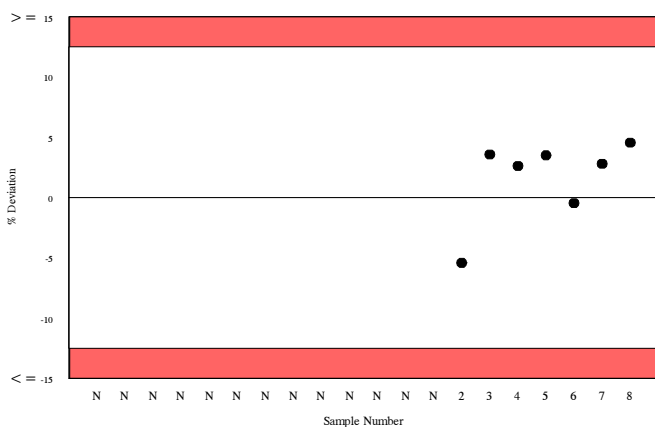
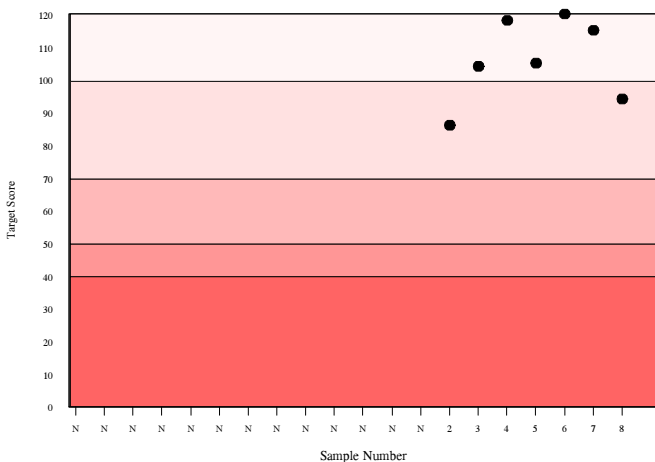
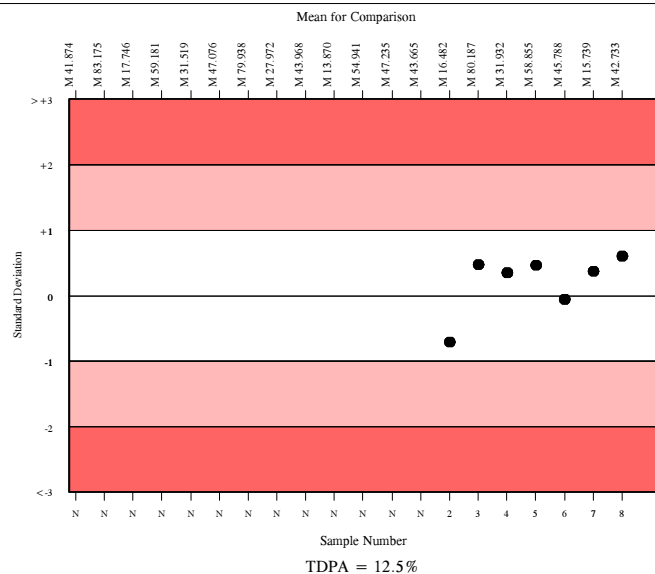
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2534	37.849	17.3	0.16	2.88	147
Roche Cobas 4000/e411	365	42.733	4.5	0.12	3.25	36

▲ Your Result	44.680	SDI	0.60
		RMSDI	Too Few
■ Mean for Comparison	42.733	TS	94
		RMTS	Too Few
		%DEV	4.6
		RM%DEV	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	543	42.816	3.2	0.07
Abbott Architect	445	29.446	4.9	0.09
Roche Cobas 4000/e411	365	42.733	4.5	0.12
Siemens Centaur XP/XPT/Classic	268	29.963	5.5	0.13
Beckman DxI 600 / 800	198	35.658	4.5	0.14
Beckman Access/LXi725	100	34.384	4.6	0.20
Roche Elecsys	66	43.042	3.9	0.26
Ortho Vitros 3600/5600/ECi	72	79.233	2.9	0.34
Siemens/DPC Immulite 2000/2500	68	44.292	4.9	0.33
bioMerieux, VIDAS-FT4N Kit	62	47.446	5.2	0.39
Diasorin Liaison	60	50.358	8.5	0.69
Siemens Centaur CP	45	33.294	5.3	0.33
Siemens/DPC Immulite 1000	44	45.179	5.1	0.44
Tosoh	34	41.215	4.1	0.36
SNIBE Maglumi analysers	26	38.034	3.6	0.33
Roche Modular E170	18	43.507	1.9	0.25
CIS, RIA coated tube	8	40.383	6.4	1.14
Fujirebio Lumipulse G Series	8	34.681	8.9	1.36
Immuntech IRMA	8	36.305	7.5	1.21
Siemens Dimension Vista LOCI	5	36.143	3.9	0.78
Monobind Inc. ELISA / CLIA	6	36.825	17.9	3.37



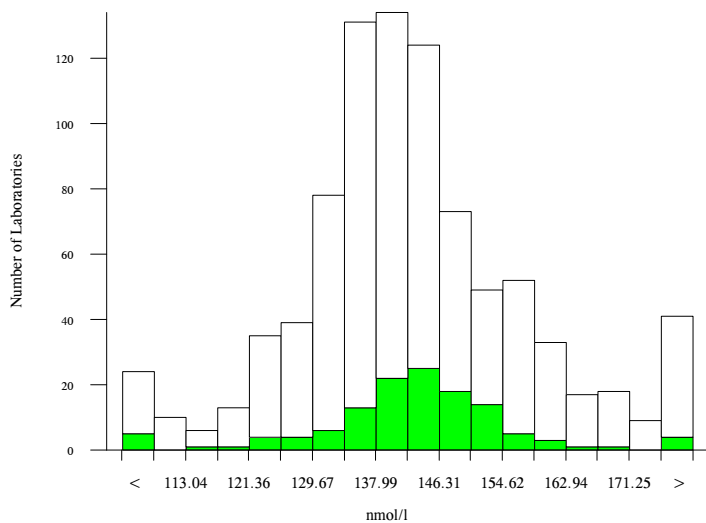
RIQAS

Total T4, nmol/l

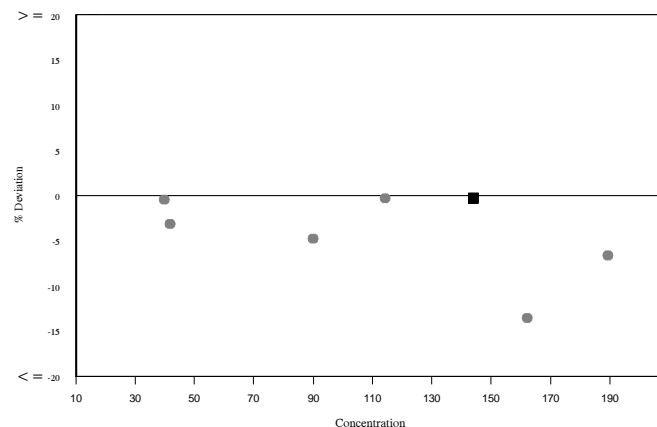
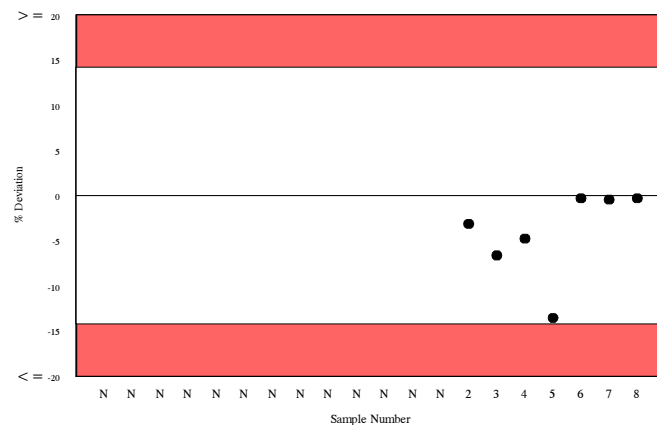
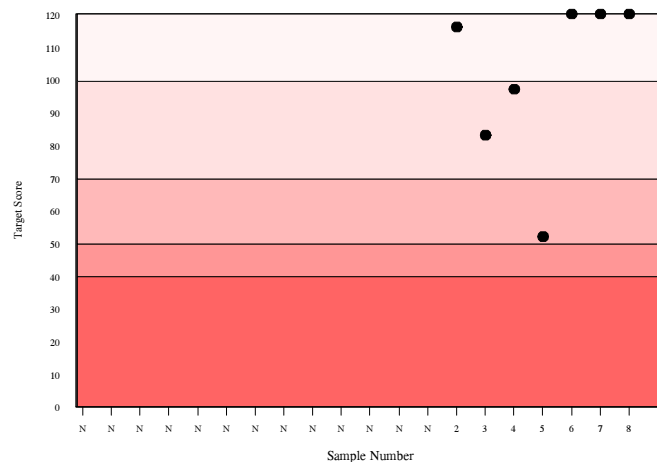
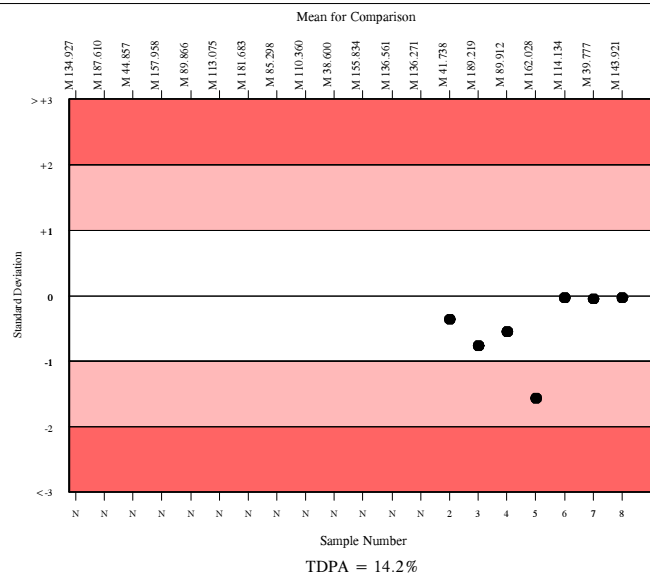
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	802	142.153	7.8	0.49	12.27	84
Roche Cobas 4000/e411	110	143.921	5.0	0.85	12.42	17

▲ Your Result	143.500	SDI	-0.03
		RMSDI	Too Few
■ Mean for Comparison	143.921	TS	120
		RMTS	Too Few
		%DEV	-0.3
		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	170	138.011	3.7	0.49
Roche Cobas 6000/8000	166	135.406	5.4	0.71
Roche Cobas 4000/e411	110	143.921	5.0	0.85
Siemens Centaur XP/XPT/Classic	77	154.036	6.1	1.33
Siemens/DPC Immulite 2000/2500	52	151.886	8.3	2.19
Ortho Vitros 3600/5600/ECi	34	145.994	5.4	1.68
bioMerieux, VIDAS	30	154.708	6.0	2.13
Beckman DxI 600 / 800	27	141.673	6.6	2.26
SNIBE Maglumi analysers	19	187.542	3.3	1.80
Beckman Access/LXi725	20	143.324	8.5	3.43
Siemens Centaur CP	18	160.674	4.3	2.05
Siemens/DPC Immulite 1000	17	141.181	11.7	5.00
Roche Elecsys	10	141.506	8.3	4.62
Diasorin Liaison	11	126.181	10.3	4.91
Tosoh	9	137.686	6.5	3.75
Roche Modular E170	7	140.237	2.4	1.60
CIS, RIA coated tube	7	132.266	7.9	4.93
Immunotech RIA	7	119.554	6.7	3.80
Monobind Inc. ELISA / CLIA	3	137.473	16.9	16.76
ELISA	3	117.040	18.8	15.90
Fujirebio Lumipulse G Series	2	184.826	5.6	9.18

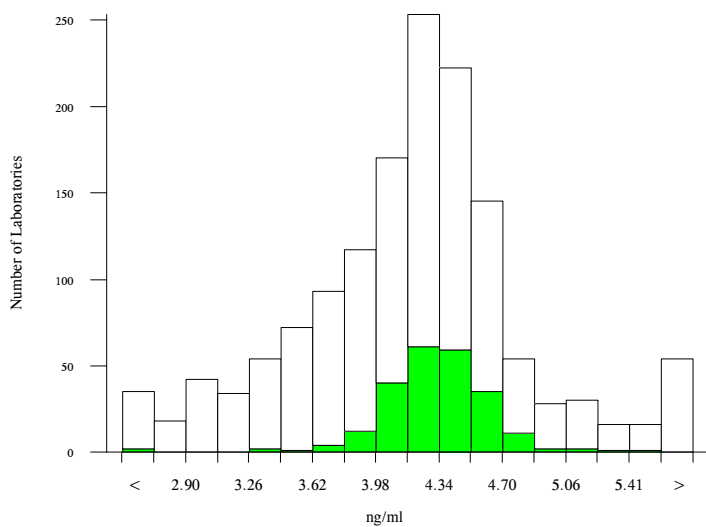


Testosterone, ng/ml

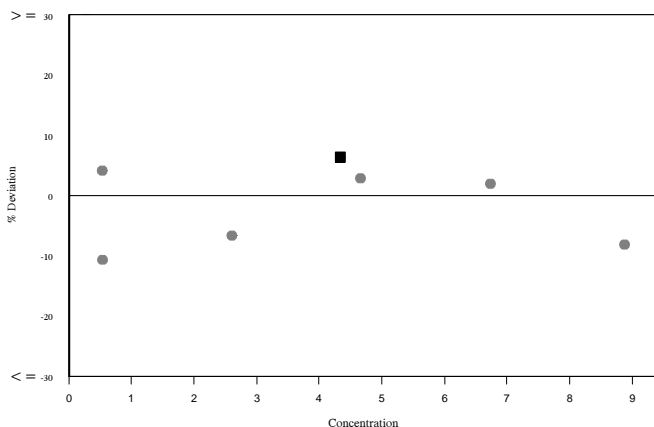
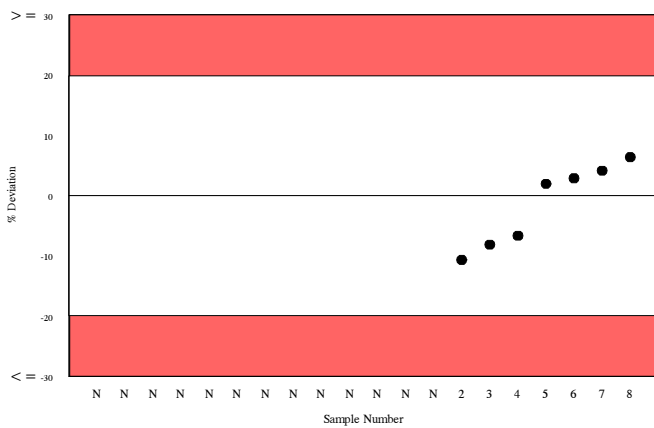
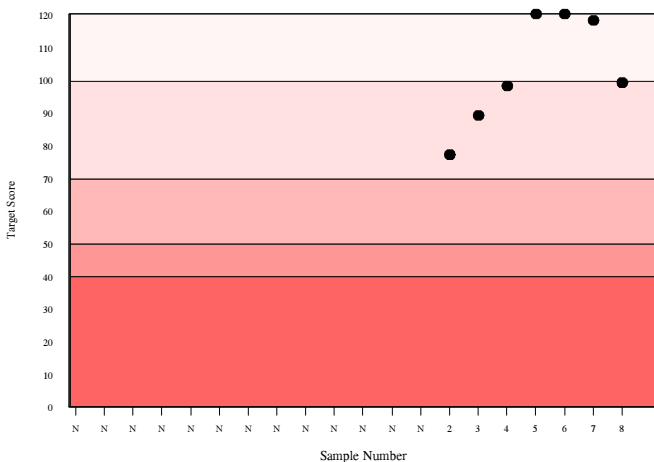
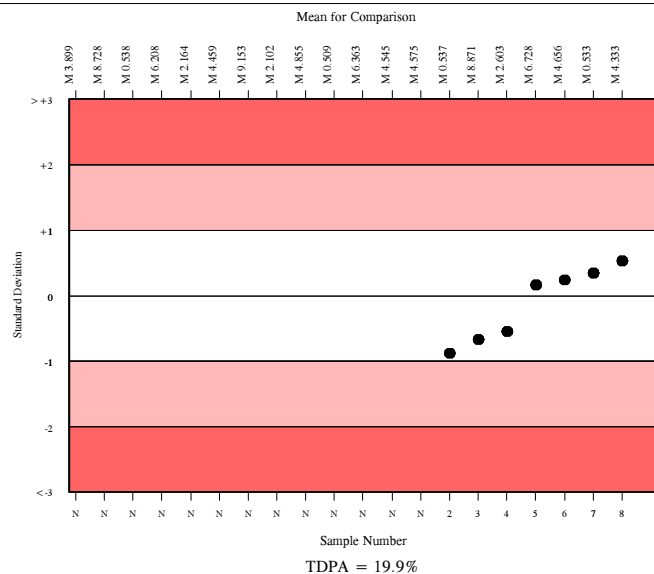
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1319	4.165	11.5	0.02	0.50	134
Roche Cobas 4000/e411 Test II	216	4.333	5.0	0.02	0.52	17

▲ Your Result	4.610	SDI	0.53
		RMSDI	Too Few
■ Mean for Comparison	4.333	TS	99
		RMTS	Too Few
		%DEV	6.4
		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	299	4.371	4.4	0.01
Roche Cobas 4000/e411 Test II	216	4.333	5.0	0.02
Abbott Architect	158	4.228	6.0	0.03
Siemens Centaur XP/XPT/Classic TSTO	107	3.392	11.5	0.05
Beckman DxI 600 / 800	110	3.705	4.8	0.02
Abbott Architect 2nd gen	71	4.244	6.1	0.04
bioMerieux VIDAS Testosterone II	55	3.201	8.0	0.04
Siemens/DPC Immulite 2000/2500	48	4.954	6.1	0.05
Roche Elecsys Test II	45	4.287	7.4	0.06
Beckman Access/LXi725	35	3.938	4.2	0.03
Ortho Vitros 3600/5600/ECi	28	5.331	5.5	0.07
bioMerieux, VIDAS	25	3.295	7.0	0.06
Siemens Centaur XP/XPT/Classic TSTII	24	3.976	8.3	0.08
TOSOH	17	5.611	6.2	0.10
SNIBE Maglumi analysers	17	4.536	5.7	0.08
Roche Modular E170 Test II	18	4.330	4.2	0.05
Diasorin Liaison	16	2.323	16.1	0.12
Siemens/DPC Immulite 1000	13	6.322	16.4	0.36
Siemens Centaur CP	9	3.583	5.9	0.09
CIS, RIA Coated tube	5	3.858	14.1	0.30
Fujirebio Lumipulse G Series	4	4.912	5.5	0.17

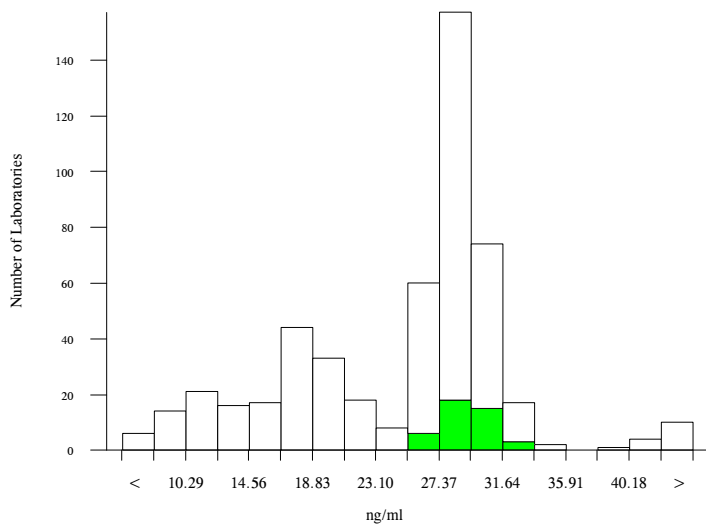


Thyroglobulin, ng/ml

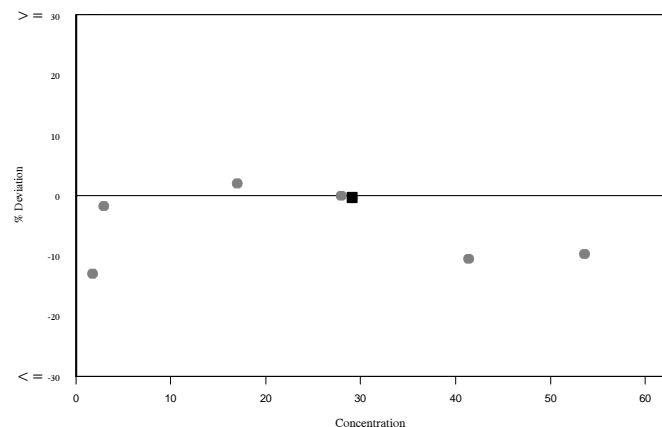
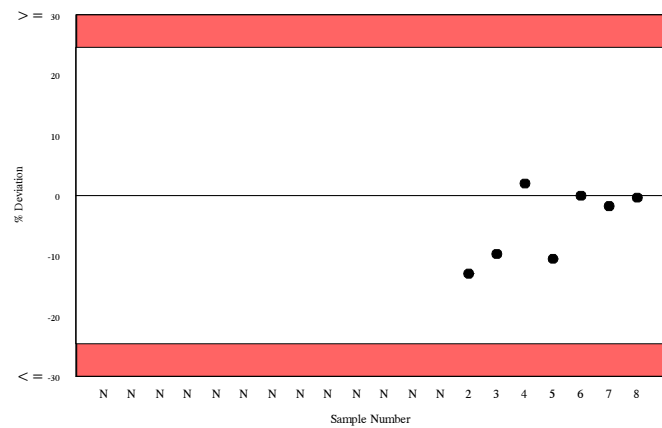
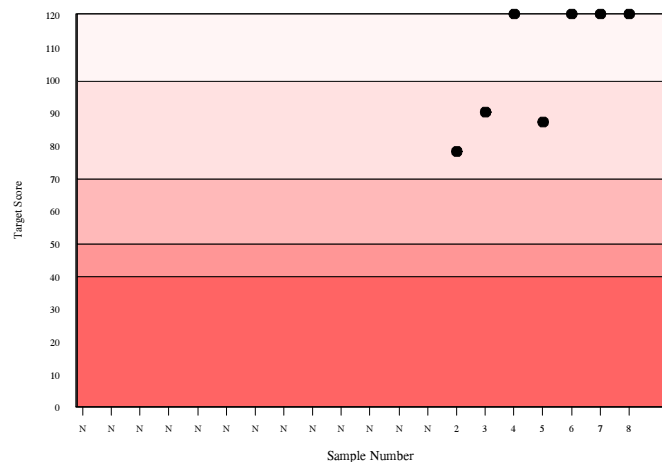
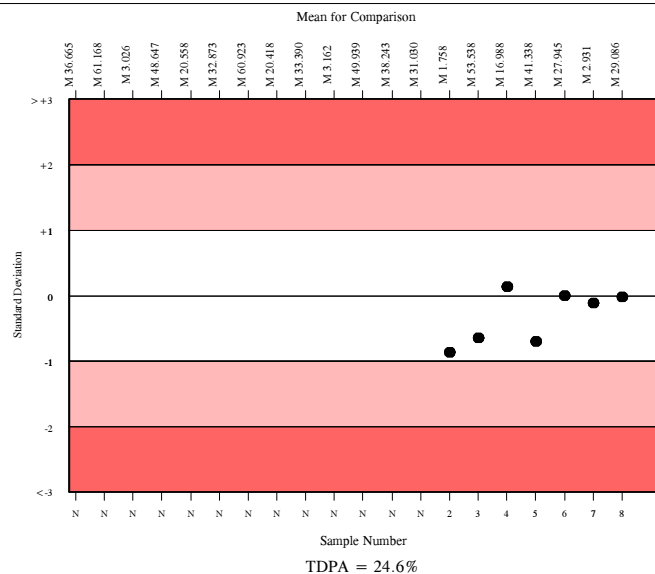
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	461	25.238	22.6	0.33	3.77	42
Roche Cobas 4000/e411 TgII	39	29.086	4.5	0.26	4.35	3

▲ Your Result	28.990	SDI	-0.02
		RMSDI	Too Few
■ Mean for Comparison	29.086	TS	120
		RMTS	Too Few
		%DEV	-0.3
		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	97	18.375	10.4	0.24
Roche Cobas 6000/8000 Tg II	65	28.094	3.7	0.16
Roche Cobas 6000/8000	56	28.355	4.2	0.20
Beckman Dxi 600 / 800	43	29.470	4.9	0.28
Roche Cobas 4000/e411 TgII	39	29.086	4.5	0.26
Roche Cobas 4000/e411	35	28.560	4.0	0.24
Diasorin Liaison	27	10.580	11.0	0.28
Tosoh	13	29.808	7.4	0.77
DPC Immulite 1000	12	21.500	10.4	0.80
Beckman Access	11	31.219	5.2	0.61
Roche Elecsys	10	28.210	7.1	0.79
SNIBE Maglumi analysers	10	14.290	1.7	0.10
CIS, RIA coated tube	9	44.000	5.7	1.05
Roche Elecsys Tg II	6	29.418	2.7	0.40
Roche Modular E170 Tg II	6	27.638	1.3	0.19
Roche Modular E170	5	27.158	6.7	1.02
Diesse, Chorus	2	18.700	33.3	5.50
Brahms IRMA	2	21.035	45.1	8.38

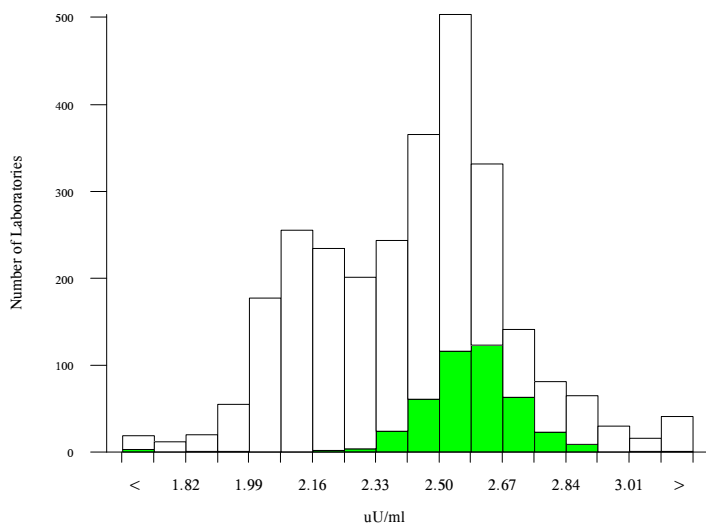
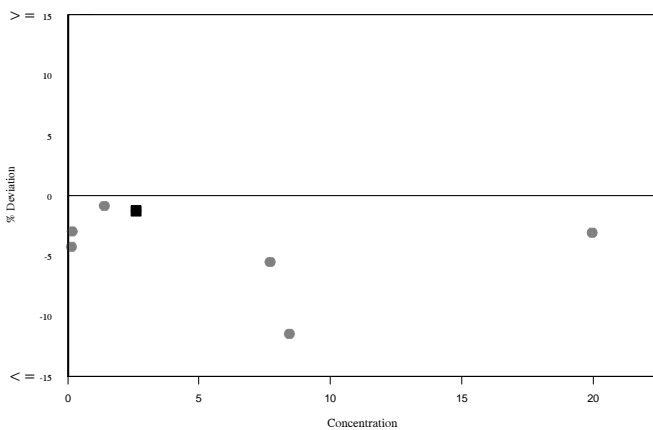
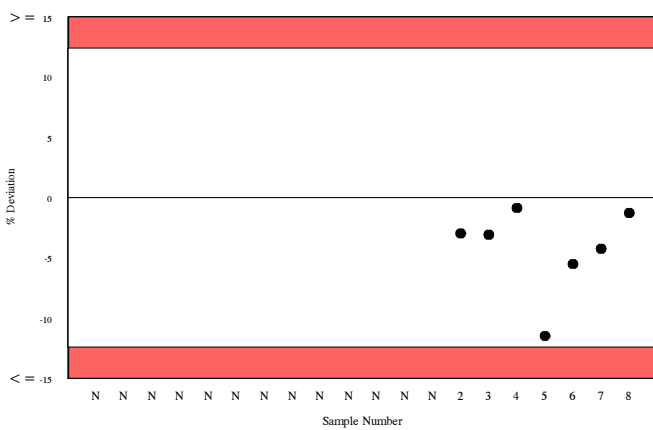
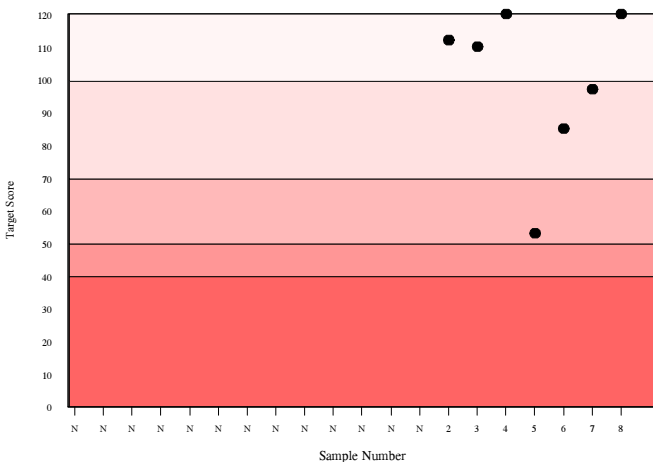
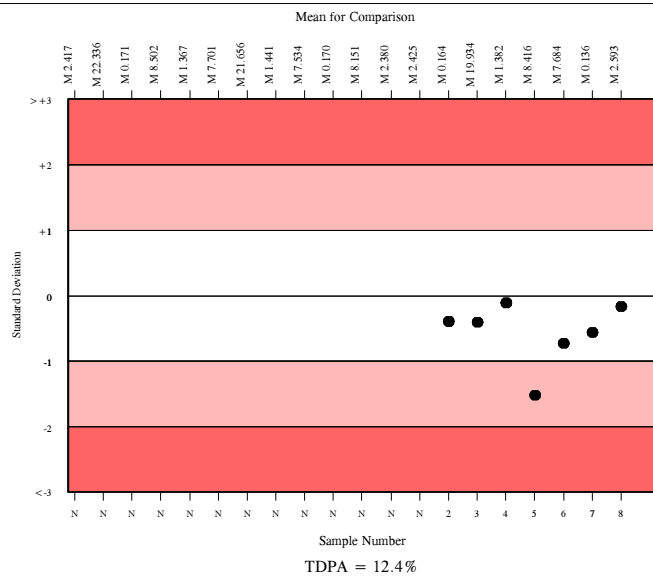


TSH, uU/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2647	2.423	9.3	0.01	0.18	143
Roche Cobas 4000/e411	403	2.593	3.7	0.01	0.20	29

▲ Your Result	2.560	SDI	-0.17
		RMSDI	Too Few
■ Mean for Comparison	2.593	TS	120
		RMTS	Too Few
		%DEV	-1.3
		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	552	2.545	2.7	0.00
Abbott Architect	463	2.126	4.3	0.01
Roche Cobas 4000/e411	403	2.593	3.7	0.01
Siemens Centaur XP/Classic TSH3-Ultra	144	2.419	3.6	0.01
Siemens Centaur XP/XPT/Classic	114	2.431	5.6	0.02
Beckman DxI600/800 Hyper TSH	88	2.202	4.8	0.01
Beckman DxI600/800/ Access 2 (3rd IS)	83	2.186	4.2	0.01
Access/LXi725 hyper TSH 3rd gen	83	2.233	6.2	0.02
Ortho Vitros 3600/5600/ECi	74	2.765	5.0	0.02
Roche Elecsys	70	2.595	5.0	0.02
Siemens/DPC Immulite 2000/2500	62	2.457	5.8	0.02
bioMerieux, VIDAS, TSH	60	2.496	5.7	0.02
Diasorin Liaison	61	2.951	7.4	0.03
Siemens/DPC Immulite 1000	44	2.292	7.9	0.03
Tosoh	37	2.496	7.6	0.04
Siemens Centaur CP	32	2.451	6.7	0.04
Beckman DxI600/800 Fast TSH	27	2.195	5.5	0.03
SNIBE Maglumi analysers	26	2.876	3.6	0.03
Roche Modular E170	21	2.560	1.9	0.01
Siemens Centaur CP TSH3-Ultra	19	2.411	5.1	0.03
Siemens Centaur XP/Classic 3rdGeneration	16	2.436	5.1	0.04



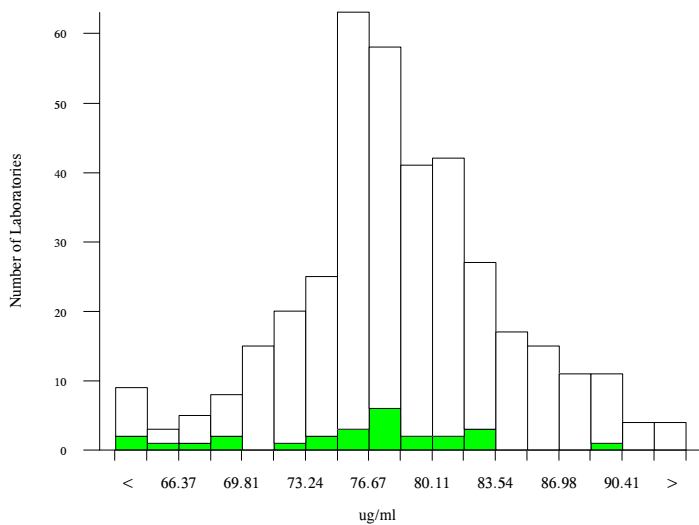
RIQAS

Valproic acid, ug/ml

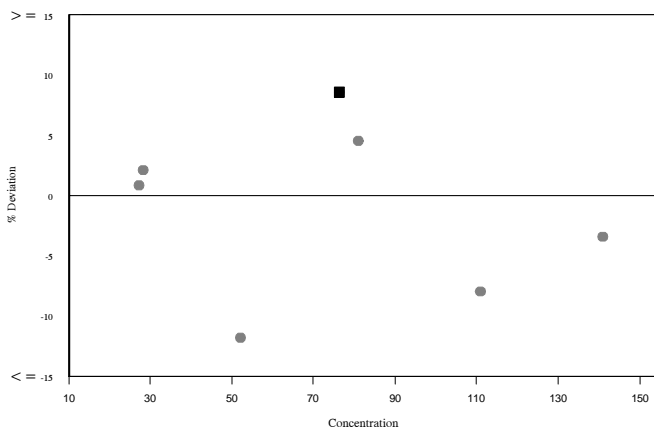
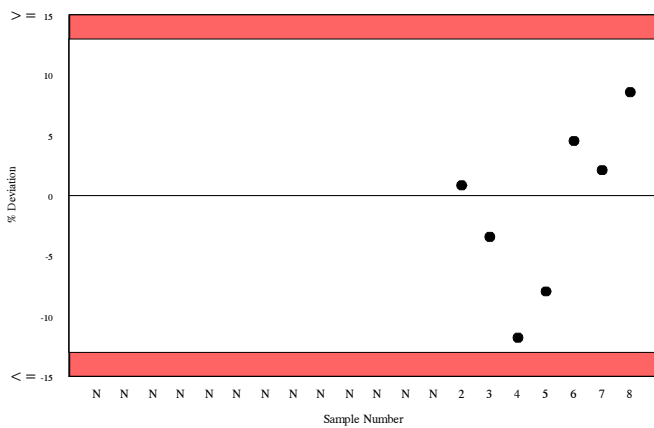
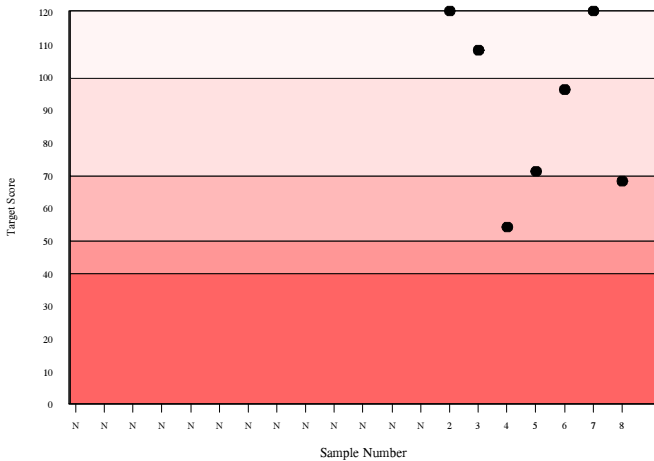
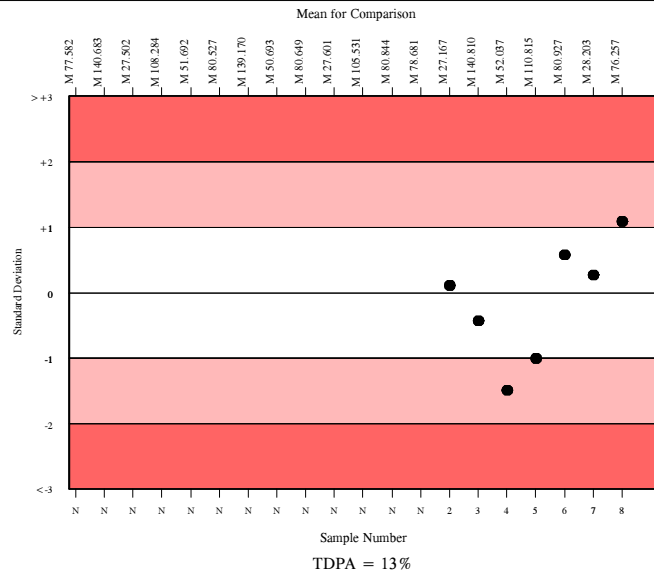
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	349	78.397	5.8	0.31	6.20	29
Siemens/DPC Immulite 2000/2500	23	76.257	6.3	1.25	6.03	3

▲ Your Result	82.800	SDI	1.09
		RMSDI	Too Few
■ Mean for Comparison	76.257	TS	68
		RMTS	Too Few
		%DEV	8.6
		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 (CMIA)	108	76.823	5.4	0.50
Roche Cobas 6000/8000	60	78.675	5.5	0.70
Siemens Centaur XP/XPT/Classic	24	77.100	3.9	0.77
Siemens/DPC Immulite 2000/2500	23	76.257	6.3	1.25
Beckman AU400/600/640/2700/5400	24	84.363	4.1	0.89
Roche Integra	20	77.531	2.1	0.46
Siemens Dimension	15	80.497	2.7	0.70
Abbott Architect (PETINIA)	12	74.505	3.8	1.03
Siemens/DPC Immulite 1000	13	79.028	7.6	2.07
Beckman DxC	9	78.926	4.4	1.45
Ortho Vitros 4600/5600/5.1	9	78.273	7.2	2.34
Siemens Advia 1200/1650/1800/2400	7	84.287	6.1	2.42
Roche Cobas 4000/c311	7	78.793	7.3	2.72
Siemens Centaur CP	4	80.935	3.6	1.82
Abbott AxSYM	3	75.995	6.0	3.30
Siemens Syva/Emit	2	86.000	3.3	2.50
Roche Modular P/D	2	78.100	3.1	2.12
Randox RX Series	2	75.035	5.7	3.79

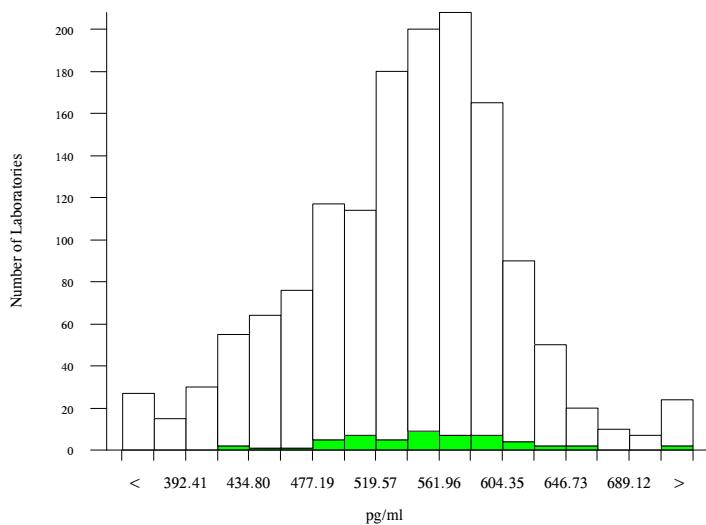


Vitamin B12, pg/ml

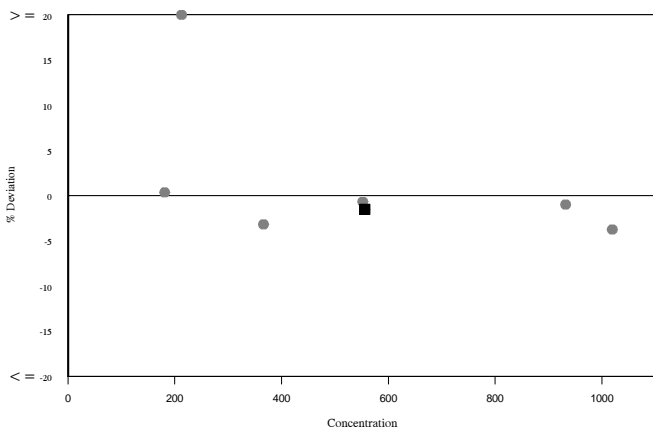
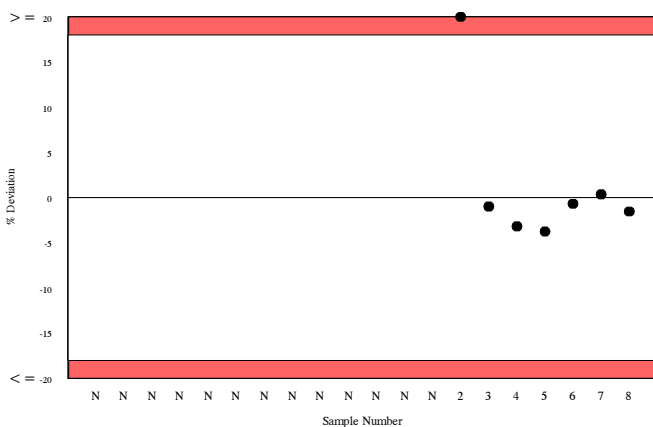
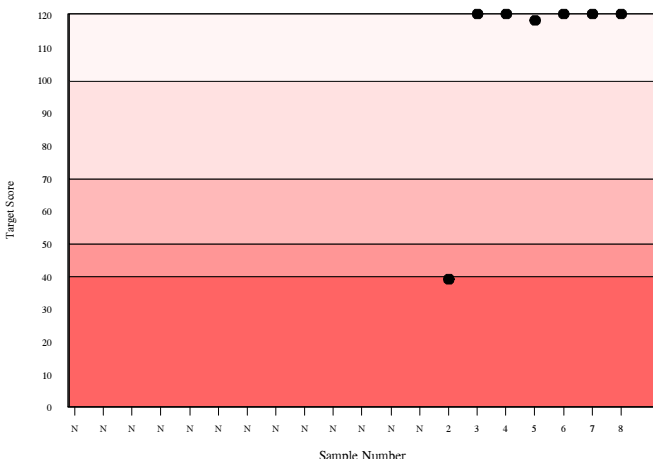
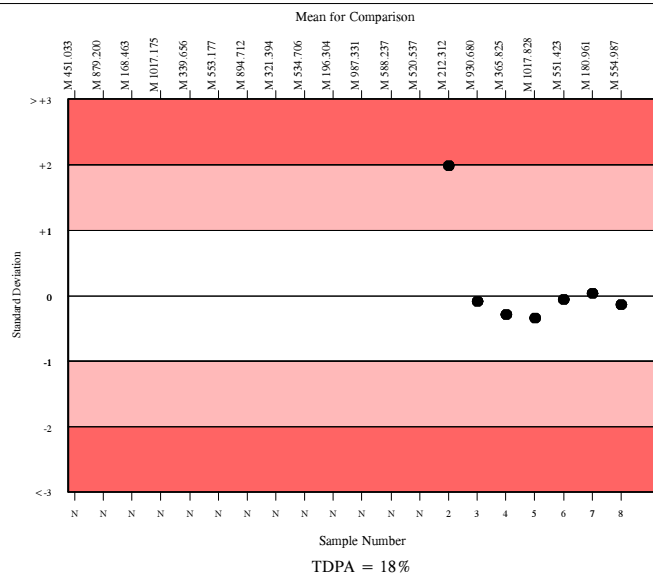
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1351	540.772	10.5	1.92	59.18	101
Roche Cobas 4000/e411 Gen II	50	554.987	8.8	8.62	60.73	4

▲ Your Result	546.500	SDI	-0.14
		RMSDI	Too Few
■ Mean for Comparison	554.987	TS	120
		RMTS	Too Few
		%DEV	-1.5
		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	272	538.003	6.2	2.53
Roche Cobas 6000/8000	235	580.526	4.5	2.11
Siemens Centaur XP/XPT/Classic	163	535.548	7.8	4.10
Roche Cobas 4000/e411	161	556.423	9.8	5.35
Beckman DxI 600 / 800	147	439.995	6.9	3.14
Roche Cobas 6000/8000 Gen II	76	574.197	5.0	4.13
Beckman Access/LXi725	50	467.157	7.3	6.03
Roche Cobas 4000/e411 Gen II	50	554.987	8.8	8.62
Siemens/DPC Immulite 2000	36	528.985	15.2	16.72
Roche Elecsys	34	560.247	8.9	10.71
Ortho Vitros 3600/5600/ECi	33	592.318	7.3	9.37
Roche Modular E170	18	578.738	5.2	8.86
Siemens Centaur CP	17	577.414	15.5	27.16
SNIBE Maglumi analysers	14	503.605	8.1	13.61
TOSOH	11	714.018	4.8	12.80
Siemens Dimension	5	547.376	4.9	14.90
Siemens/DPC Immulite 1000	5	392.762	27.6	60.61
MP Biomedicals RIA	4	520.563	6.9	22.29
Roche Modular E170 Gen II	4	590.925	6.2	22.95
Abbott AxSYM	3	596.036	20.2	86.88

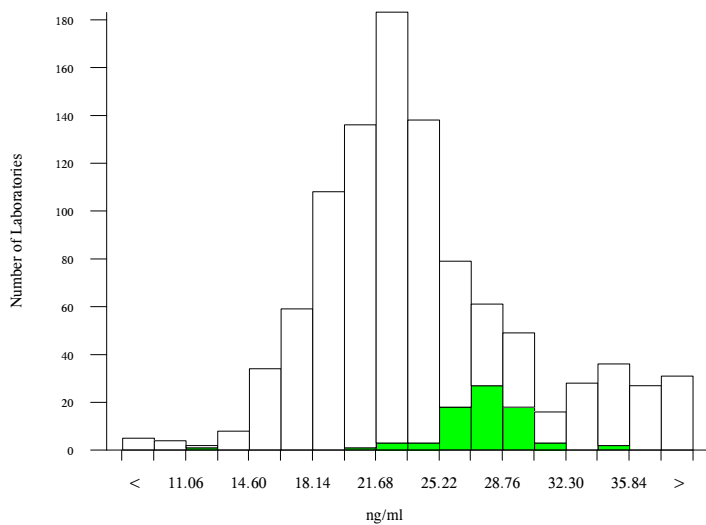


25-OH-Vitamin D, ng/ml

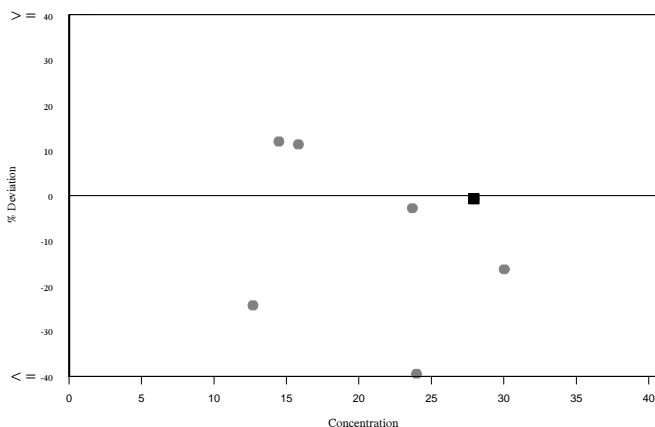
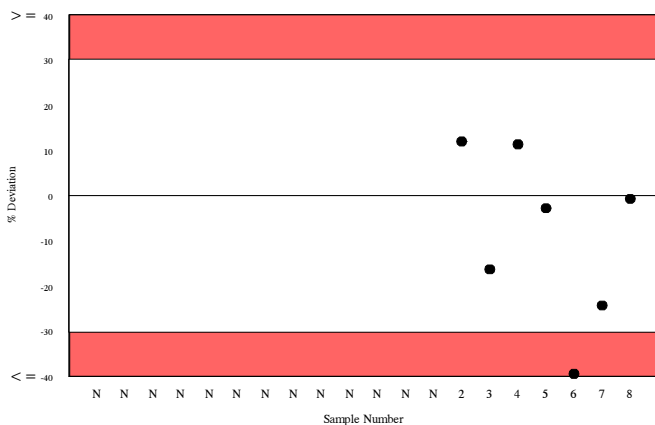
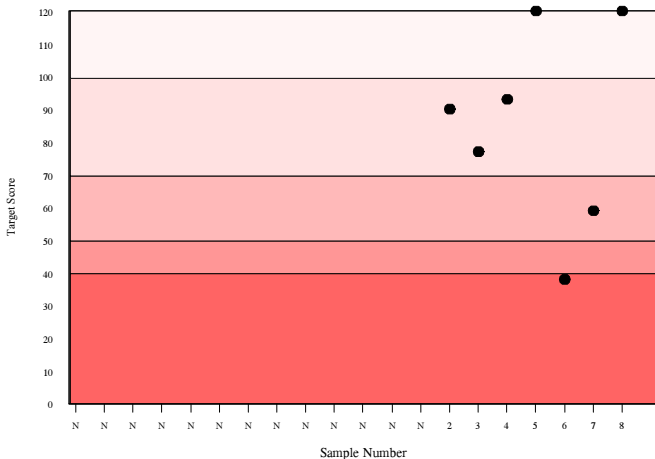
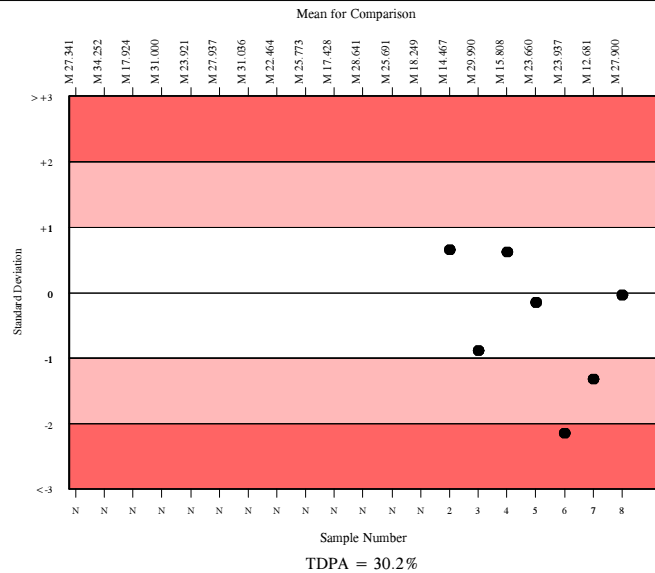
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	937	23.455	20.1	0.19	4.31	67
bioMerieux Vidas/mini Vidas/Vidas 3	68	27.900	5.6	0.24	5.12	8

▲ Your Result	27.700	SDI	-0.04
		RMSDI	Too Few
■ Mean for Comparison	27.900	TS	120
		RMTS	Too Few
		%DEV	-0.7
		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	344	20.178	12.5	0.17
Abbott Architect (3L52)	190	23.364	5.5	0.12
Siemens Centaur XP/XPT/Classic	78	36.226	6.1	0.32
Beckman DxI 600 /800	75	22.339	10.9	0.35
bioMerieux Vidas/mini Vidas/Vidas 3	68	27.900	5.6	0.24
Diasorin Liaison	57	27.752	8.1	0.37
Ortho Vitros 3600/5600/ECi	28	33.548	12.3	0.97
Beckman Access 25 OH Vitamin D Total	19	24.212	7.3	0.51
SNIBE Maglumi Analyser	12	17.186	2.4	0.15
TOSOH	8	23.630	7.3	0.76
IDS iSYS	6	24.553	11.4	1.42
ELISA	6	25.691	31.2	4.09
Fujirebio Lumipulse G Series	5	23.600	4.5	0.59
HPLC/UPLC	5	29.070	4.2	0.68
LC/MS	3	27.413	17.2	3.40



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	52.819	41.020	-0.87	Too Few	-22.3	Too Few	N/A	N/A	
AFP	54.387	50.330	-0.81	Too Few	-7.5	Too Few	81	Too Few	
Aldosterone	325.467	275.400	-0.55	Too Few	-15.4	Too Few	90	Too Few	
Androstenedione	4.587	4.420	-0.26	Too Few	-3.6	Too Few	120	Too Few	
Beta-2-Microglobulin	3.452	3.740	0.79	Too Few	8.3	Too Few	82	Too Few	
CA 125	112.027	115.800	0.43	Too Few	3.4	Too Few	109	Too Few	
CA 15-3	44.043	44.120	0.02	Too Few	0.2	Too Few	120	Too Few	
CA 19-9	64.658	65.450	0.13	Too Few	1.2	Too Few	120	Too Few	
CEA	23.163	22.690	-0.25	Too Few	-2.0	Too Few	120	Too Few	
Cortisol	619.456	664.200	0.81	Too Few	7.2	Too Few	81	Too Few	
C-Peptide	6.083	6.190	0.10	Too Few	1.8	Too Few	120	Too Few	
DHEA-S	560.186	565.700	0.09	Too Few	1.0	Too Few	120	Too Few	
Digoxin	1.877	2.000	0.59	Too Few	6.5	Too Few	95	Too Few	
Ferritin	120.937	116.000	-0.48	Too Few	-4.1	Too Few	104	Too Few	
Folate	8.140	8.290	0.16	Too Few	1.8	Too Few	120	Too Few	
FSH	25.973	23.740	-1.11	Too Few	-8.6	Too Few	67	Too Few	
GH	4.975	4.900	-0.12	Too Few	-1.5	Too Few	120	Too Few	
hCG	16.783	16.930	0.10	Too Few	0.9	Too Few	120	Too Few	
IgE	126.464	132.000	0.52	Too Few	4.4	Too Few	100	Too Few	
Insulin	18.839	19.760	0.41	Too Few	4.9	Too Few	110	Too Few	
LH	29.911	31.270	0.62	Too Few	4.5	Too Few	92	Too Few	
Oestradiol	267.152	227.500	-1.44	Too Few	-14.8	Too Few	56	Too Few	
17-OH-Progesterone	4.310	4.370	0.37	Too Few	1.4	Too Few	N/A	N/A	
Progesterone	11.332	12.410	0.86	Too Few	9.5	Too Few	78	Too Few	
Prolactin	739.532	711.500	-0.26	Too Few	-3.8	Too Few	120	Too Few	
PSA, Free	8.281	8.180	-0.17	Too Few	-1.2	Too Few	120	Too Few	
PSA, Total	11.948	11.550	-0.45	Too Few	-3.3	Too Few	107	Too Few	
Parathyroid hormone	531.877	530.500	-0.04	Too Few	-0.3	Too Few	N/A	N/A	
Sex Hormone Binding Globulin	39.889	35.330	-1.40	Too Few	-11.4	Too Few	57	Too Few	
Free T3	18.127	18.860	0.47	Too Few	4.0	Too Few	105	Too Few	
Total T3	4.580	4.650	0.17	Too Few	1.5	Too Few	120	Too Few	
Free T4	42.733	44.680	0.60	Too Few	4.6	Too Few	94	Too Few	
Total T4	143.921	143.500	-0.03	Too Few	-0.3	Too Few	120	Too Few	
Free Testosterone (Pilot)	16.577	17.670	0.77	Too Few	6.6	Too Few	N/A	N/A	
Testosterone	4.333	4.610	0.53	Too Few	6.4	Too Few	99	Too Few	
Thyroglobulin	29.086	28.990	-0.02	Too Few	-0.3	Too Few	120	Too Few	
TSH	2.593	2.560	-0.17	Too Few	-1.3	Too Few	120	Too Few	
Valproic acid	76.257	82.800	1.09	Too Few	8.6	Too Few	68	Too Few	
Vitamin B12	554.987	546.500	-0.14	Too Few	-1.5	Too Few	120	Too Few	
25-OH-Vitamin D	27.900	27.700	-0.04	Too Few	-0.7	Too Few	120	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

END OF REPORT