

Dena Laboratory

MONTHLY IMMUNOASSAY

CYCLE 15 SAMPLE 12

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: 19/12/2017

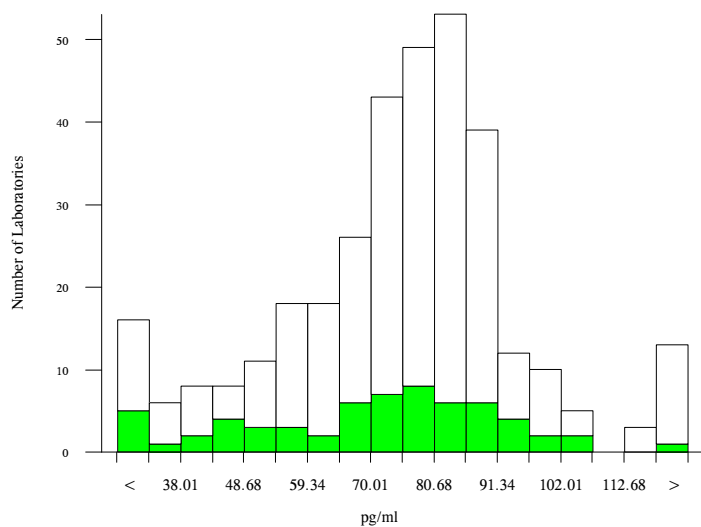
Randox Laboratories Limited
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ACTH, pg/ml

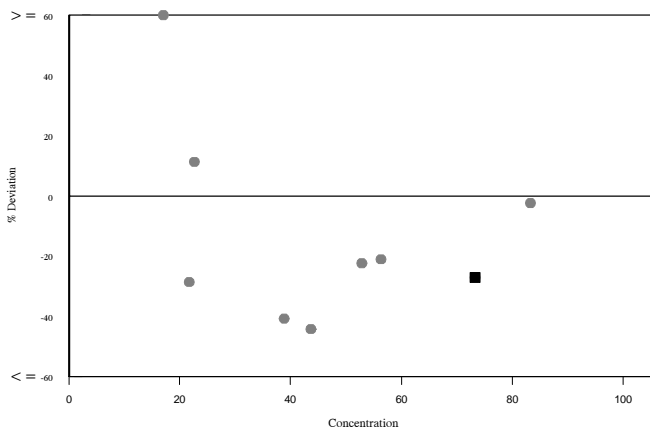
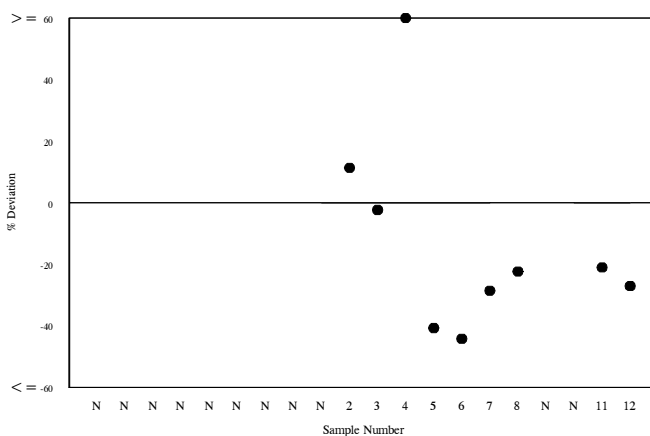
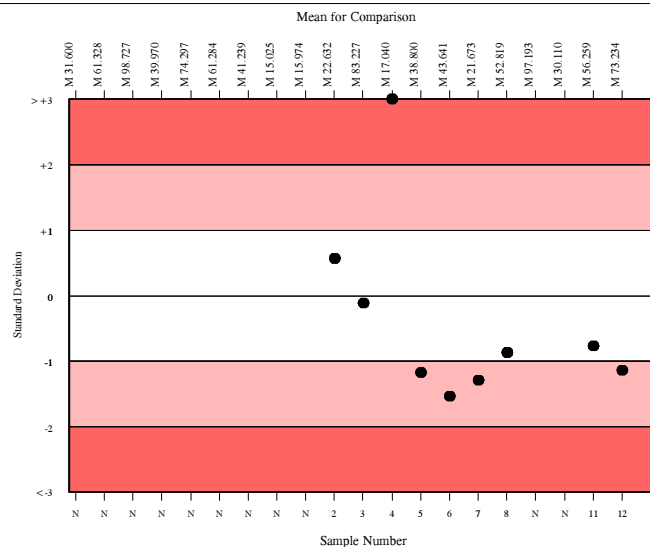
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	301	75.349	18.9	1.02	14.22	37
Roche Cobas 4000/e411	56	73.234	23.7	2.90	17.39	6

▲ Your Result	53.410	SDI	-1.14
		RMSDI	Too Few
■ Mean for Comparison	73.234	TS	N/A
		RMTS	N/A
		%DEV	-27.1
		RM%DEV	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	102	73.676	13.6	1.24
Roche Cobas 6000/8000	71	78.057	18.5	2.15
Roche Cobas 4000/e411	56	73.234	23.7	2.90
Siemens/DPC Immulite 1000	24	73.561	18.4	3.45
DiaSorin, Liaison	14	91.457	30.5	9.33
SNIBE Maglumi analysers	15	81.930	2.7	0.71
DiaSorin Liaison XL	6	112.710	22.4	12.90
TOSOH	4	90.158	3.0	1.72
CIS, IRMA	4	116.289	29.3	21.33
Roche Elecsys	3	90.423	17.6	11.51
Roche Modular E170	3	76.707	15.1	8.34

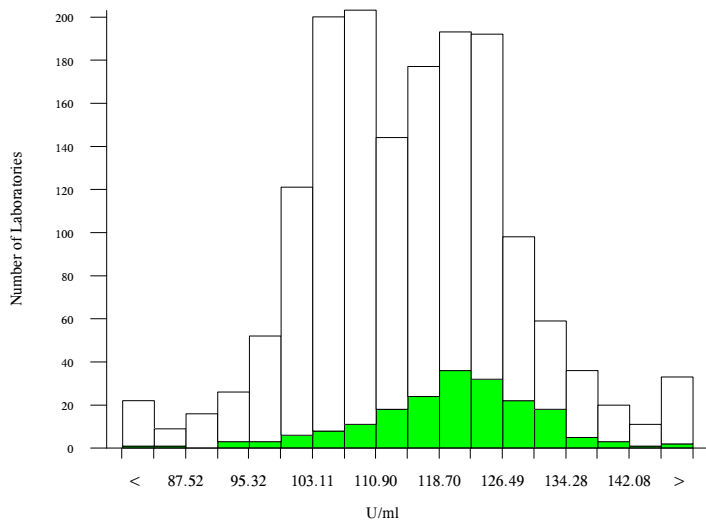


AFP, U/ml

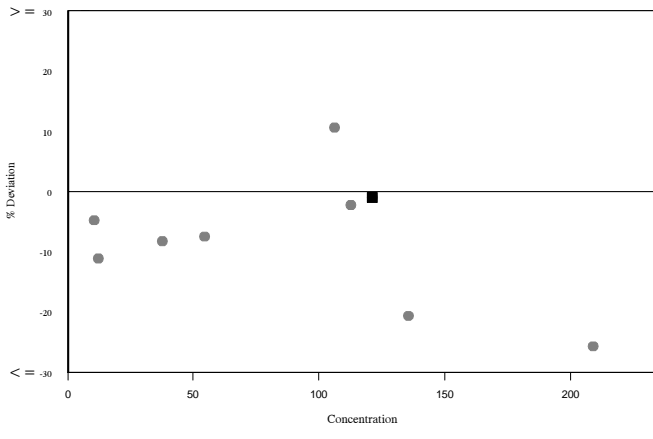
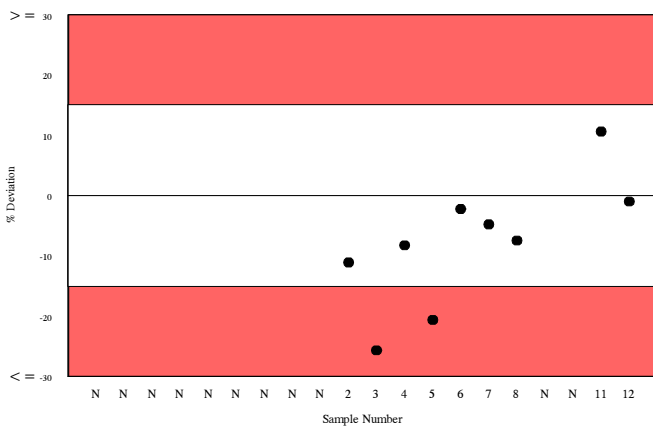
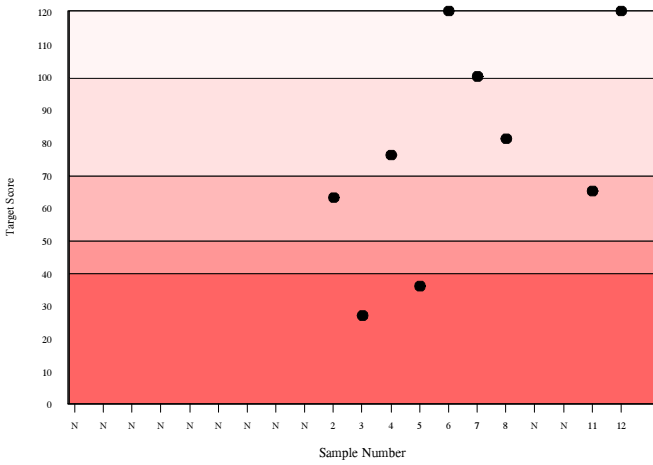
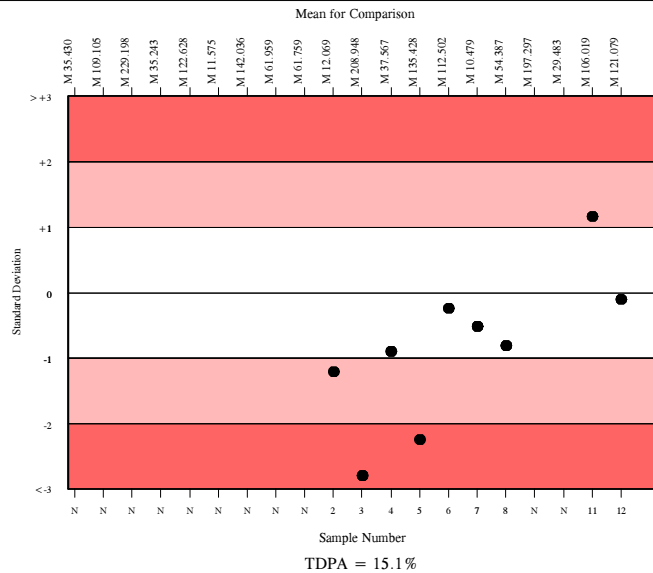
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1520	114.806	9.1	0.33	10.54	92
Roche Cobas 4000/e411	179	121.079	6.7	0.75	11.12	15

▲ Your Result	119.900	SDI	-0.11
		RMSDI	Too Few
■ Mean for Comparison	121.079	TS	120
		RMTS	Too Few
		%DEV	-1.0
		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	345	121.397	4.7	0.38
Abbott Architect	293	106.278	3.4	0.26
Roche Cobas 4000/e411	179	121.079	6.7	0.75
Beckman DxI 600/800	150	105.080	7.3	0.79
Siemens Centaur XP/XPT/Classic	143	123.082	6.8	0.88
Siemens/DPC Immulite 2000/2500	51	105.269	6.2	1.15
bioMerieux, Vidas/Mini Vidas	53	115.687	11.4	2.27
Beckman Access/LXi725	40	111.437	7.6	1.68
Roche Elecsys	42	116.880	9.8	2.20
Ortho Vitros 3600/5600/ECi	28	119.185	9.0	2.53
SNIBE Maglumi analysers	20	110.946	4.0	1.25
Tosoh	21	106.958	6.3	1.84
Siemens Centaur CP	20	127.596	9.4	3.34
DiaSorin, Liaison	15	118.083	10.6	4.05
CIS, IRMA	13	159.903	6.0	3.35
Siemens/DPC Immulite 1000	13	107.688	8.3	3.08
Roche Modular E170	11	120.113	3.6	1.63
DiaSorin Liaison XL	12	116.610	11.1	4.68
Fujirebio Lumipulse G Series	8	115.598	2.9	1.48
Siemens Dimension	5	120.011	3.6	2.41
ELISA	4	149.652	83.1	77.72



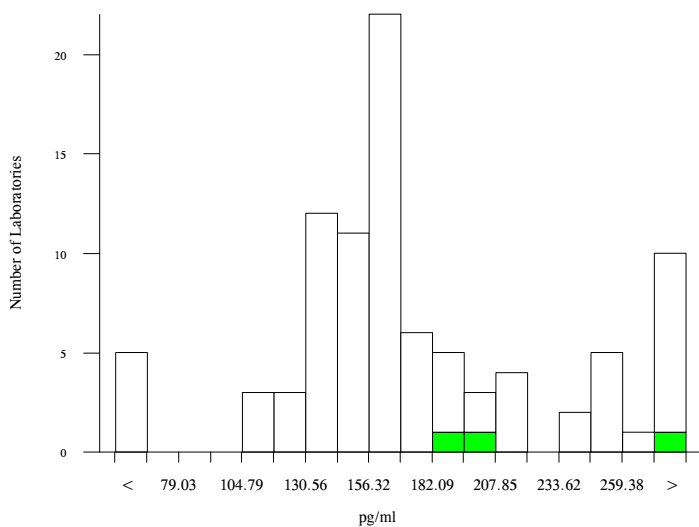
Aldosterone, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	76	169.209	20.3	4.93	39.71	16
DiaMetra ELISA	2	198.450	3.8	6.69	46.57	1

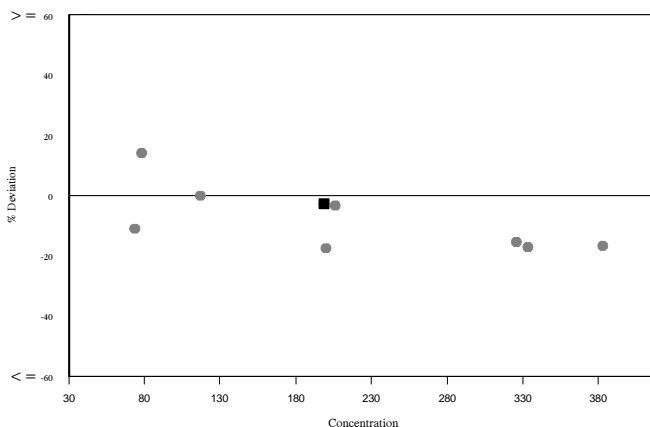
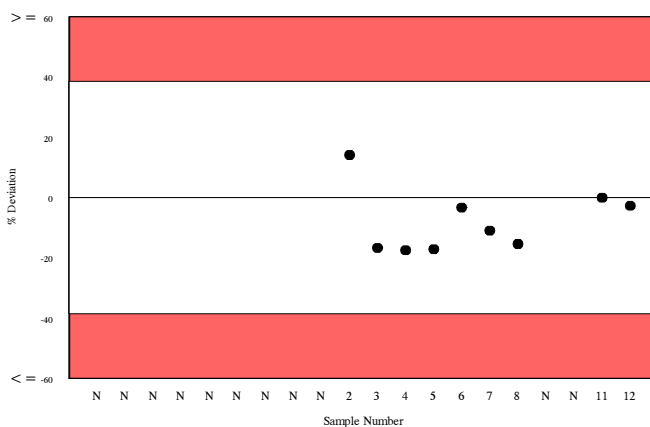
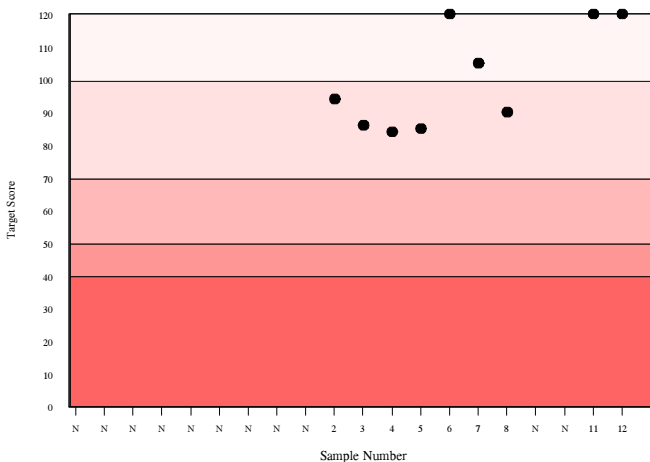
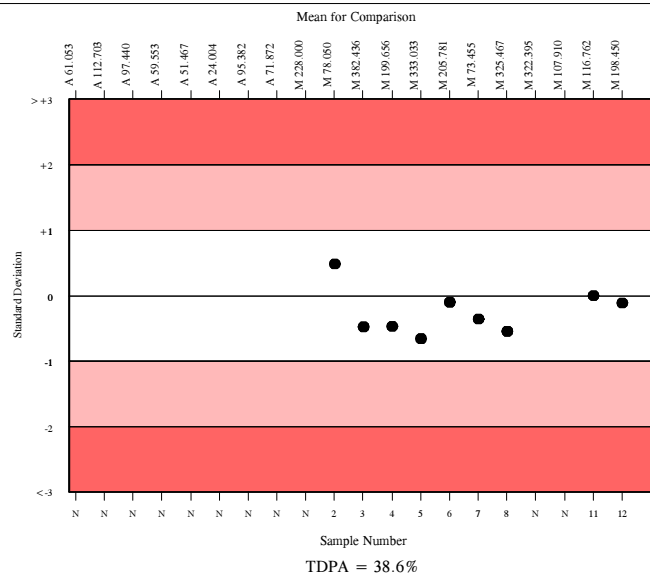
▲ Your Result	193.100	SDI	-0.11
		RMSDI	Too Few
■ Mean for Comparison	198.450	TS	120
		RMTS	Too Few
		%DEV	-2.7
		RM%DEV	Too Few

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	19	171.963	11.1	5.50
SNIBE Maglumi analysers	16	140.625	4.4	1.95
DRG ELISA	9	247.069	23.5	24.16
DiaSorin Liaison XL	8	165.875	6.1	4.45
ELISA	5	279.566	9.6	14.98
IDS iSYS	5	167.724	16.4	15.42
Immunotech RIA	4	183.961	43.7	50.27
CIS, RIA	5	43.348	16.9	4.10
DiaSorin (RIA)	3	157.333	4.8	5.42
DiaMetra ELISA	2	198.450	3.8	6.69
AutoBio CLIA	2	163.975	2.0	2.93
DBE, ELISA	2	185.650	6.6	10.81
Zentech RIA	2	156.350	5.1	7.06

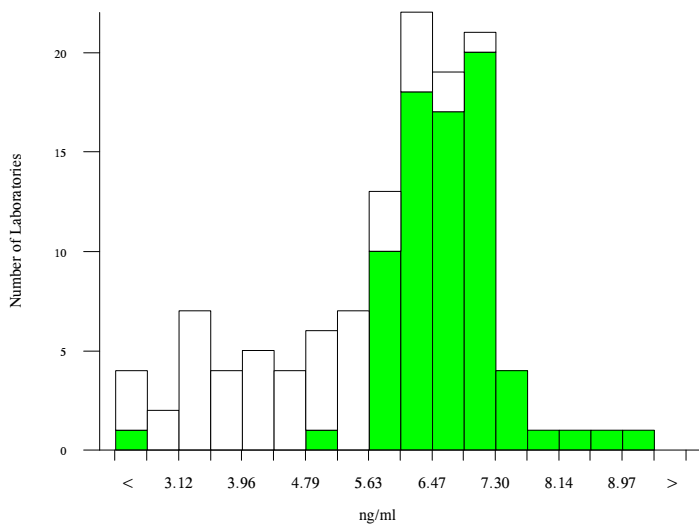


Androstenedione, ng/ml

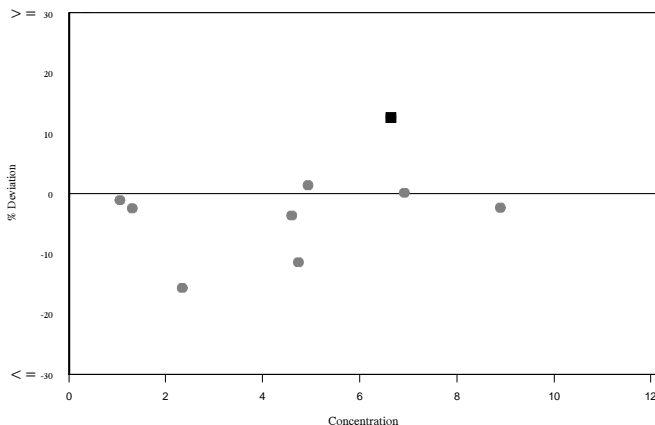
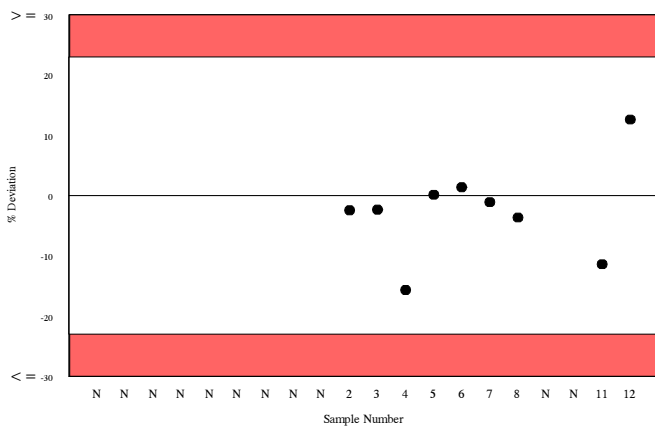
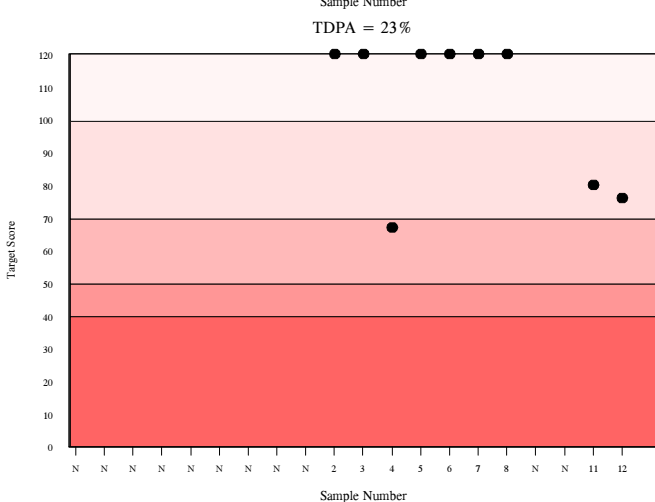
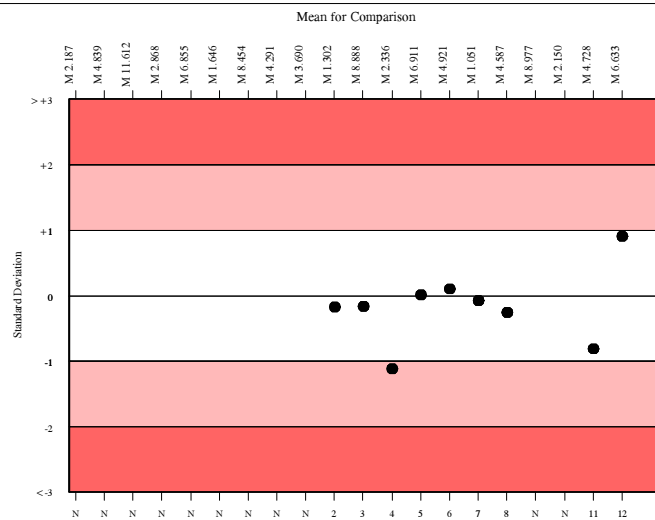
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	112	6.053	18.4	0.13	0.85	10
Siemens/DPC Immulite 2000	68	6.633	6.9	0.07	0.93	7

▲ Your Result	7.470	SDI	0.90
		RMSDI	Too Few
■ Mean for Comparison	6.633	TS	76
		RMTS	Too Few
		%DEV	12.6
		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	68	6.633	6.9	0.07
Siemens/DPC Immulite 1000	11	5.676	7.9	0.17
Beckman Coulter Active RIA	8	3.651	6.0	0.10
DRG ELISA	9	5.152	25.4	0.54
DIAsource, RIA	3	4.547	5.5	0.18
DIAsource, ELISA	2	3.055	56.7	1.53
DiaMetra ELISA	2	3.680	8.5	0.27
DiaSorin Liaison XL	2	4.505	1.7	0.07
Novatec ELISA	2	5.140	23.1	1.05

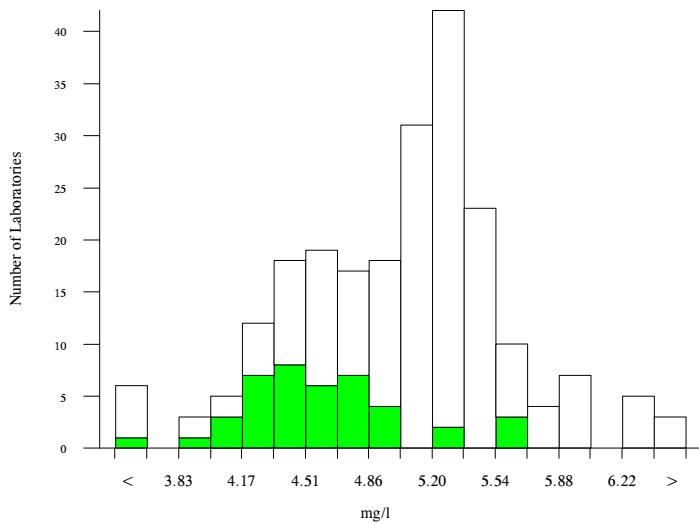


Beta-2-Microglobulin, mg/l

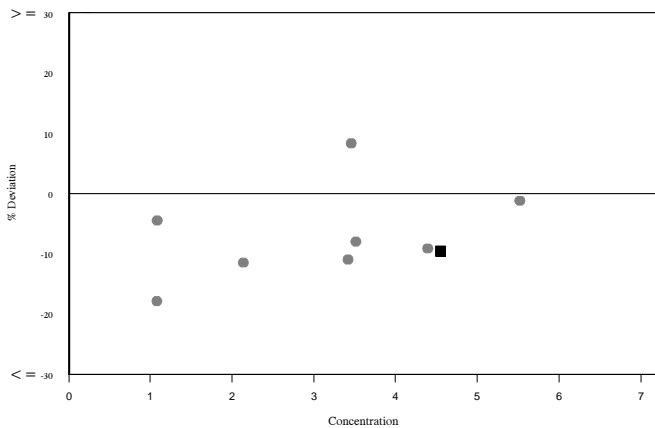
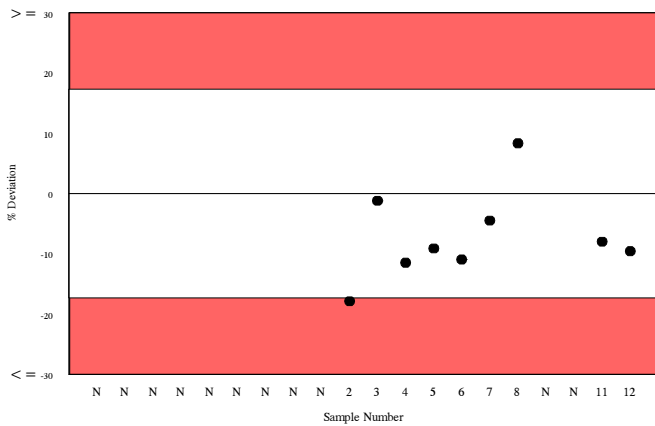
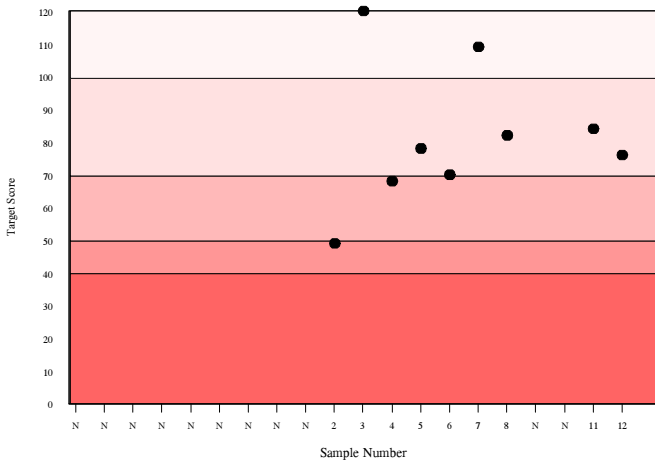
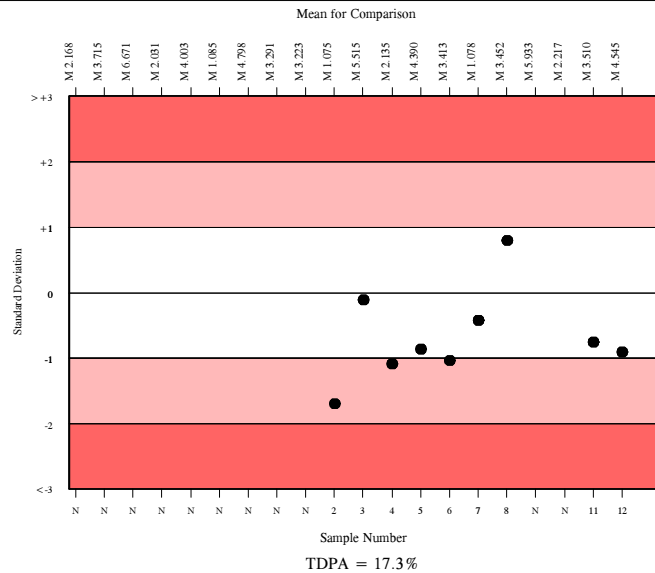
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	206	5.032	9.1	0.04	0.53	21
Siemens/DPC Immulite 2000/2500	38	4.545	7.2	0.07	0.48	4

▲ Your Result	4.110	SDI	-0.91
		RMSDI	Too Few
■ Mean for Comparison	4.545	TS	76
		RMTS	Too Few
		%DEV	-9.6
		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
Roche Cobas 6000/8000	37	5.215	2.4	0.03
Siemens/DPC Immulite 2000/2500	38	4.545	7.2	0.07
bioMerieux, VIDAS	25	5.161	11.0	0.14
Abbott Architect	26	5.257	3.9	0.05
Siemens/Behring Nephelometer	13	5.149	5.8	0.10
SNIBE Maglumi analysers	14	4.603	4.6	0.07
Beckman AU400/600/640/2700/5400	7	5.361	2.5	0.06
DiaSorin, Liaison	7	4.885	8.9	0.20
Siemens/DPC Immulite 1000	4	5.162	16.3	0.53
Roche Cobas 4000/c311	4	5.143	3.2	0.10
Roche Tinaquant	3	5.695	4.4	0.18
Siemens Advia 1200/1650/1800/2400	3	5.410	2.1	0.08
Siemens Dimension	3	5.715	3.2	0.13
Fujirebio Lumipulse G Series	3	4.260	4.1	0.13
DiaSorin Liaison XL	3	4.343	7.3	0.23
Roche Modular P	3	5.120	5.0	0.18
Beckman Immage	2	6.365	0.3	0.02
Biolatex Immunoassay	2	3.190	8.4	0.24
DakoCytomation PET kit	2	6.330	1.1	0.06
Goldsite Nephstar Nephelometer	2	4.565	20.6	0.83
Immunotech RIA	2	5.960	8.1	0.42

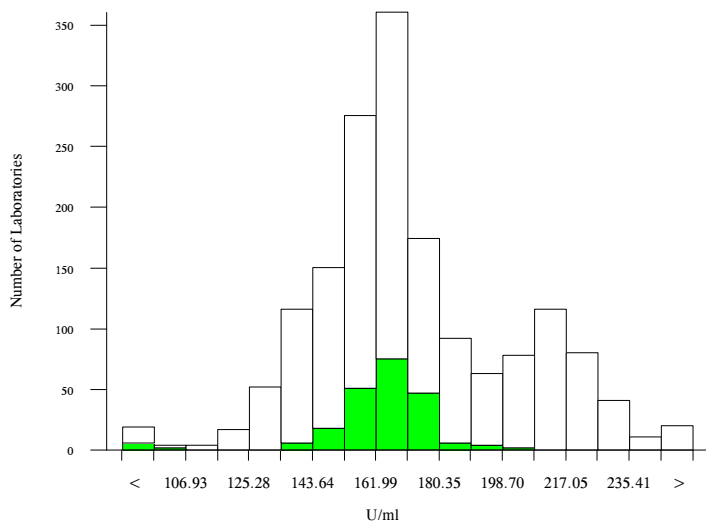


CA 125, U/ml

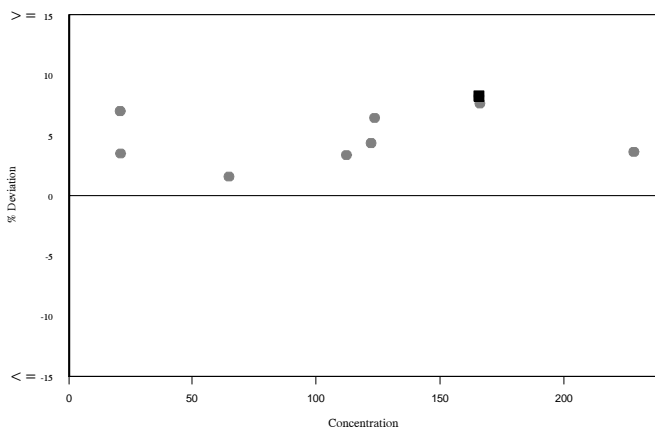
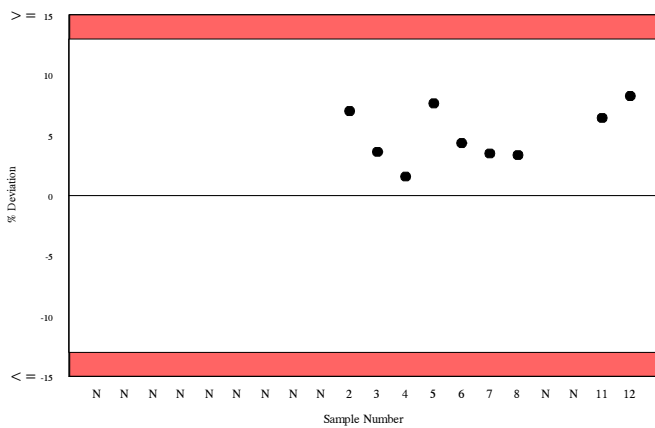
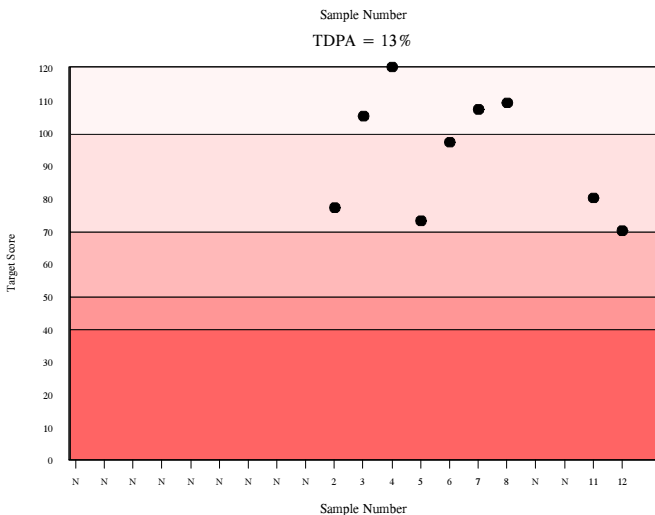
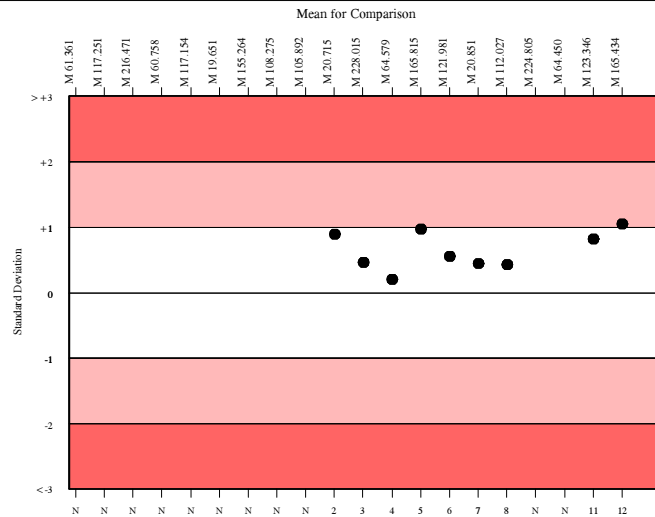
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1582	171.173	14.3	0.77	13.53	91
Roche Cobas 4000/e411	195	165.434	5.1	0.76	13.08	22

▲ Your Result	179.100	SDI	1.05
		RMSDI	Too Few
■ Mean for Comparison	165.434	TS	70
		RMTS	Too Few
		%DEV	8.3
		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	361	161.941	4.4	0.47
Abbott Architect	310	213.176	5.0	0.76
Roche Cobas 4000/e411	195	165.434	5.1	0.76
Beckman DxI 600/800	151	139.296	5.8	0.82
Centaur XP/XPT/Classic, CA125 II Kit	113	176.664	6.7	1.39
bioMerieux, VIDAS	78	167.038	4.9	1.16
Roche Elecsys	42	162.972	5.3	1.68
Siemens Centaur XP/XPT/Classic OV Kit	43	172.474	8.5	2.80
Siemens/DPC Immulite 2000/2500	36	166.957	5.0	1.73
Beckman Access/LXi725	33	140.050	6.5	1.98
Ortho Vitros 3600/5600/ECi	33	166.747	4.4	1.59
SNIBE Maglumi analysers	20	149.262	4.0	1.67
Siemens Centaur CP CA125 II Kit	22	183.054	8.6	4.22
Siemens/DPC Immulite 1000	18	187.894	4.1	2.28
TOSOH	16	263.275	8.6	7.09
DiaSorin, Liaison	14	226.333	10.2	7.75
Roche Modular E170	13	163.723	6.0	3.39
Fujirebio Lumipulse G Series	12	148.652	6.0	3.21
CIS, IRMA	9	130.645	5.4	2.92
DiaSorin Liaison XL	8	221.500	4.3	4.17
Siemens Dimension	4	212.500	7.9	10.55

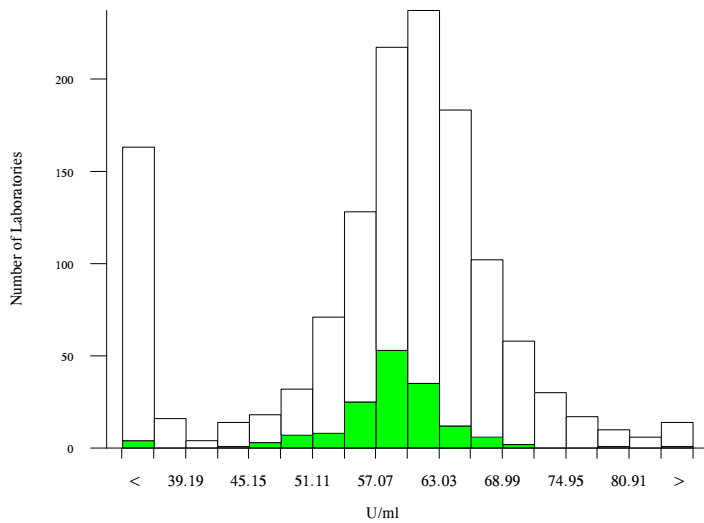


CA 15-3, U/ml

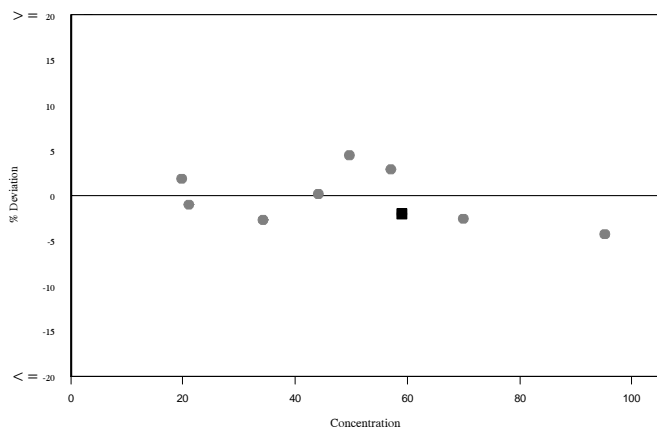
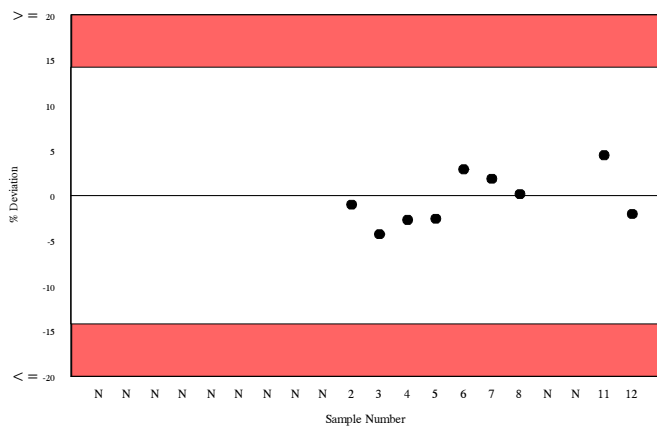
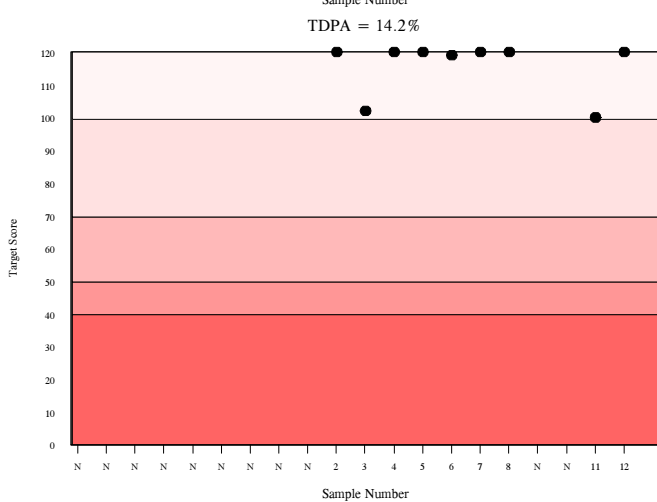
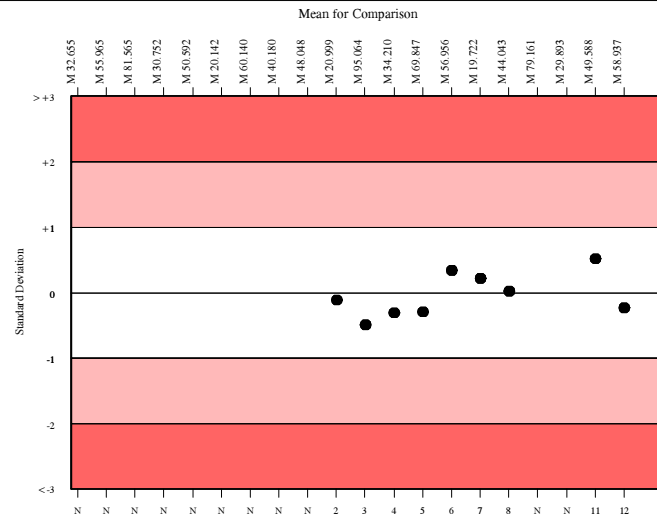
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1166	60.052	13.2	0.29	5.18	154
Roche Cobas 4000/e411	142	58.937	5.9	0.37	5.09	16

▲ Your Result	57.740	SDI	-0.24
		RMSDI	Too Few
■ Mean for Comparison	58.937	TS	120
		RMTS	Too Few
		%DEV	-2.0
		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	298	60.158	4.9	0.21
Abbott Architect	237	65.475	5.6	0.30
Roche Cobas 4000/e411	142	58.937	5.9	0.37
Siemens Centaur XP/XPT/Classic	131	61.335	8.0	0.54
Beckman DxI 600/800	124	32.707	6.4	0.23
BioMerieux VIDAS	55	53.131	5.2	0.46
Roche Elecsys	34	60.137	8.0	1.03
Siemens/DPC Immulite 2000/2500	28	76.025	8.0	1.45
Beckman Access/LXi725	25	32.158	5.8	0.47
SNIBE Maglumi analysers	17	74.556	2.6	0.60
Ortho Vitros 3600/5600/ECi	16	55.891	6.6	1.16
TOSOH	16	59.221	10.4	1.92
DiaSorin, Liaison	13	59.865	14.5	3.02
Roche Modular E170	11	59.212	3.1	0.69
CIS, IRMA	10	55.554	11.0	2.42
Fujirebio Lumipulse G Series	10	67.434	8.0	2.13
DiaSorin Liaison XL	9	59.219	10.2	2.50
Siemens Centaur CP	8	62.613	7.2	2.00
Siemens/DPC Immulite 1000	8	76.025	16.4	5.50
Siemens Dimension	4	54.575	4.1	1.39
Brahms Kryptor	3	64.913	5.6	2.60

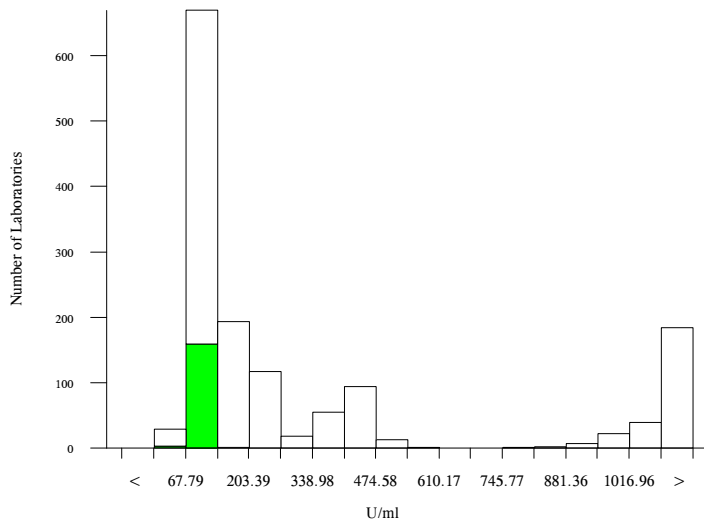


CA 19-9, U/ml

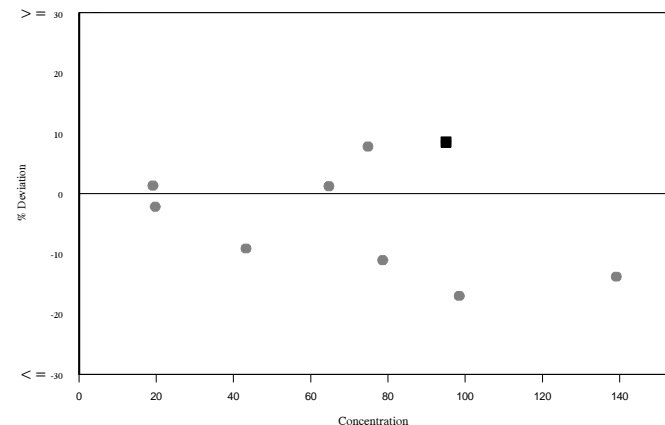
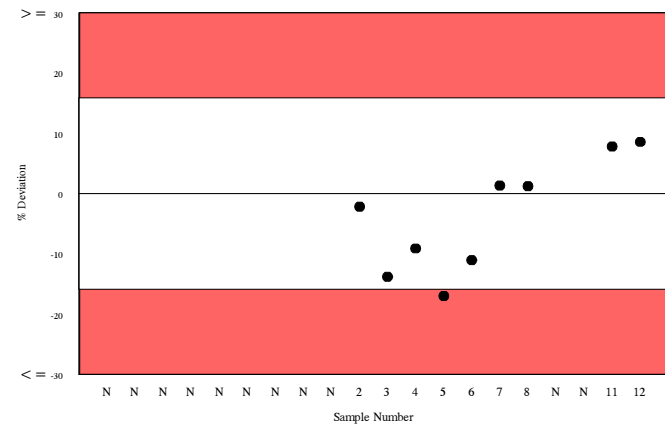
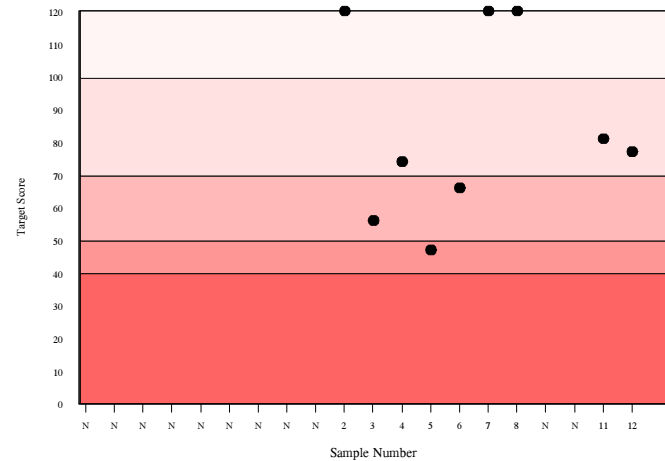
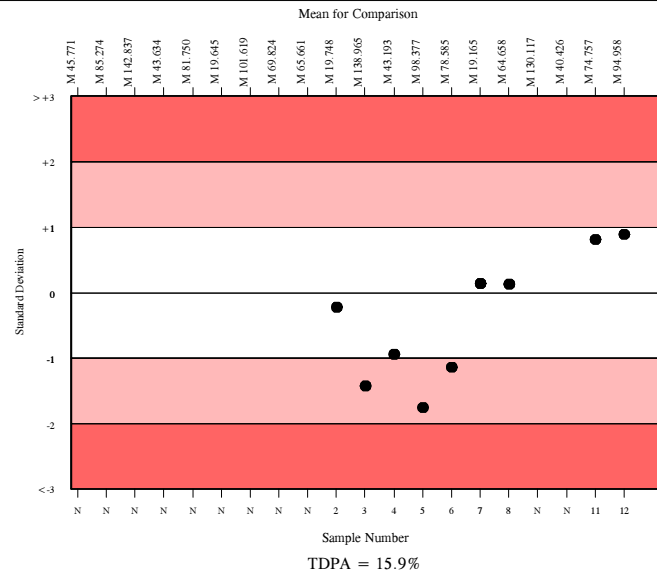
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1309	247.580	112.7	9.64	25.80a	141
Roche Cobas 4000/e411	150	94.958	7.3	0.71	9.18	13

▲ Your Result	103.100	SDI	0.89
		RMSDI	Too Few
■ Mean for Comparison	94.958	TS	77
		RMTS	Too Few
		%DEV	8.6
		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	341	91.145	4.6	0.28
Abbott Architect	157	1126.055	8.9	10.00
Roche Cobas 4000/e411	150	94.958	7.3	0.71
Siemens Centaur XP/XPT/Classic	141	419.734	7.8	3.43
Beckman DxI 600/800	147	142.218	6.8	1.00
Abbott Architect XR/ XR2 / XRL	75	1132.082	7.1	11.62
bioMerieux, VIDAS	69	246.431	6.3	2.33
Roche Elecsys	33	95.947	4.7	0.98
Siemens/DPC Immulite 2000/2500	31	149.781	7.6	2.55
Beckman Access/LXi725	27	158.366	8.6	3.28
SNIBE Maglumi analysers	22	122.980	4.8	1.57
Ortho Vitros 3600/5600/ECi	16	258.513	1.7	1.34
TOSOH	16	68.385	16.2	3.46
Siemens Centaur CP	16	391.471	8.5	10.43
DiaSorin, Liaison	12	218.609	12.3	9.71
CIS, IRMA	12	68.954	7.8	1.94
Roche Modular E170	11	90.120	4.0	1.35
Siemens/DPC Immulite 1000	11	148.727	22.0	12.34
Fujirebio Lumipulse G Series	10	213.530	3.7	3.15
DiaSorin Liaison XL	9	224.544	7.6	7.07
Siemens Dimension	5	216.500	6.9	8.32

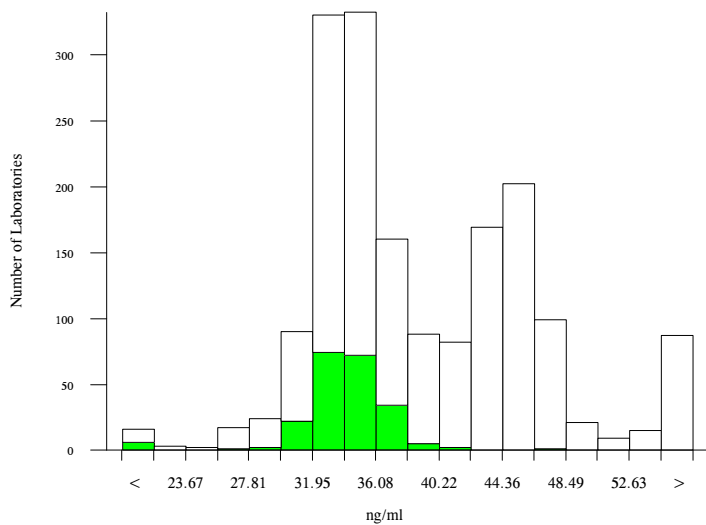


CEA, ng/ml

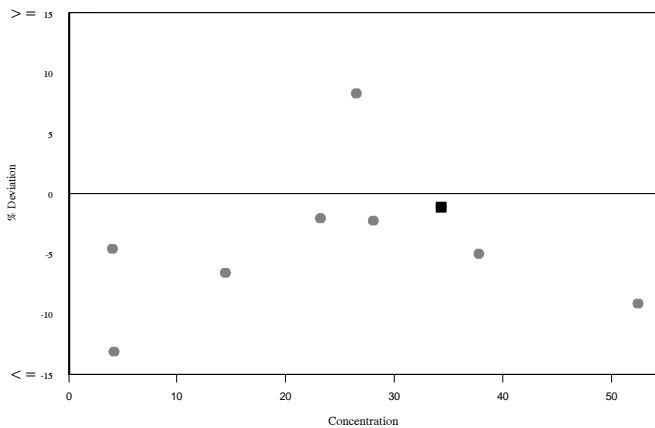
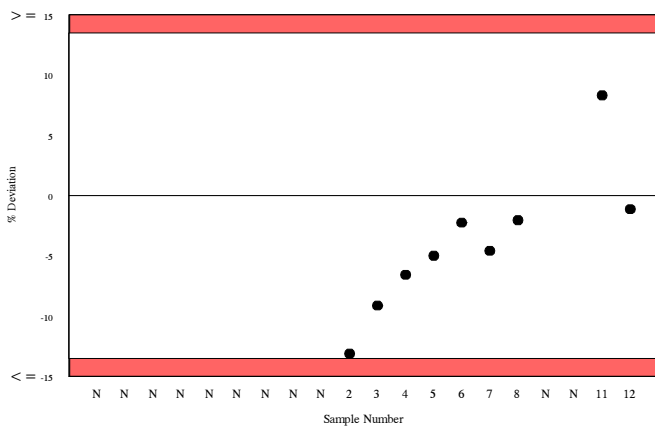
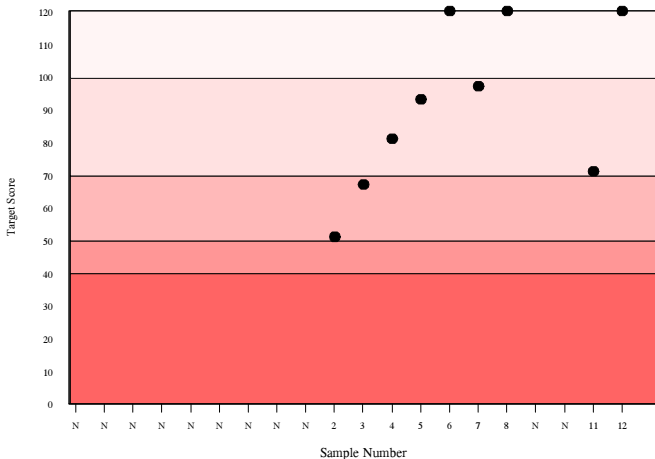
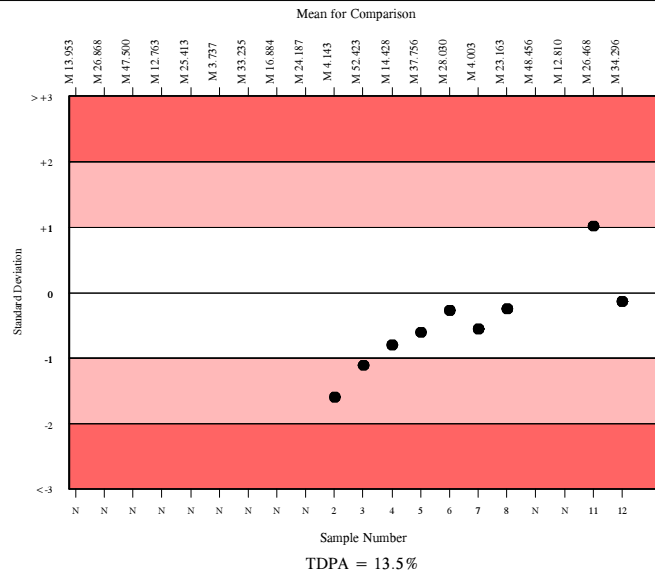
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1624	38.156	14.5	0.17	3.13	123
Roche Cobas 4000/e411	200	34.296	5.2	0.16	2.81	19

▲ Your Result	33.910	SDI	-0.14
		RMSDI	Too Few
■ Mean for Comparison	34.296	TS	120
		RMTS	Too Few
		%DEV	-1.1
		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	376	33.840	3.4	0.07
Abbott Architect	320	44.709	3.8	0.12
Roche Cobas 4000/e411	200	34.296	5.2	0.16
Siemens Centaur XP/XPT/Classic	158	44.554	5.2	0.23
Beckman DxI 600/800	163	35.616	6.2	0.22
bioMerieux, VIDAS	61	37.893	6.1	0.37
Siemens/DPC Immulite 2000/2500	47	56.978	6.2	0.64
Roche Elecsys	42	33.584	5.9	0.38
Beckman Access/LXi725	38	37.786	3.4	0.26
Ortho Vitros 3600/5600/ECi	36	43.598	4.4	0.40
Tosoh	22	59.786	6.8	1.09
SNIBE Maglumi analysers	22	29.935	5.5	0.44
Siemens Centaur CP	21	44.559	6.0	0.73
Siemens/DPC Immulite 1000	18	59.972	11.5	2.03
DiaSorin, Liaison	16	32.779	13.8	1.41
CIS, RIA Coated tube	17	28.734	6.6	0.58
Roche Modular E170	13	33.432	2.0	0.23
Fujirebio Lumipulse G Series	11	58.588	4.7	1.04
DiaSorin Liaison XL	9	35.776	6.9	1.02
Siemens Dimension	5	37.220	3.2	0.66
ELISA	3	47.308	119.2	40.69

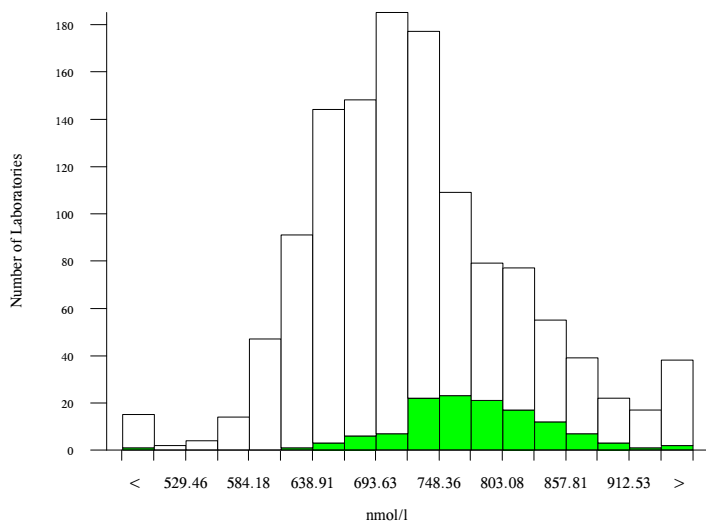


Cortisol, nmol/l

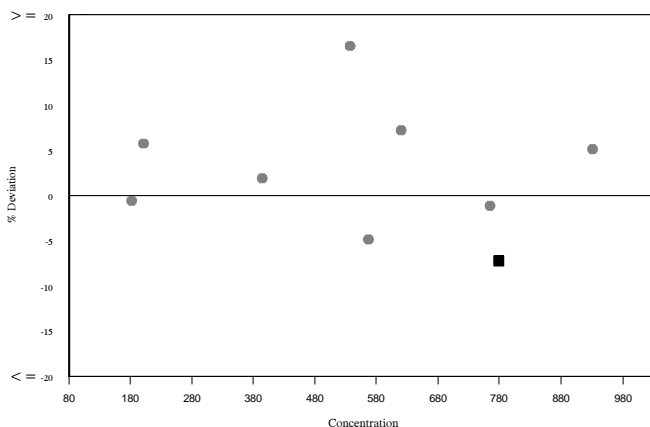
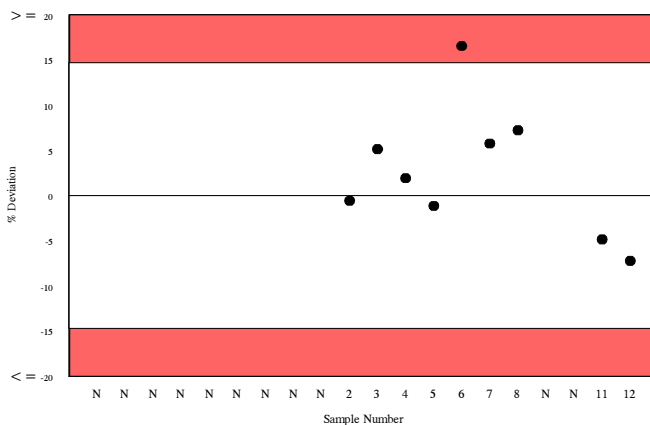
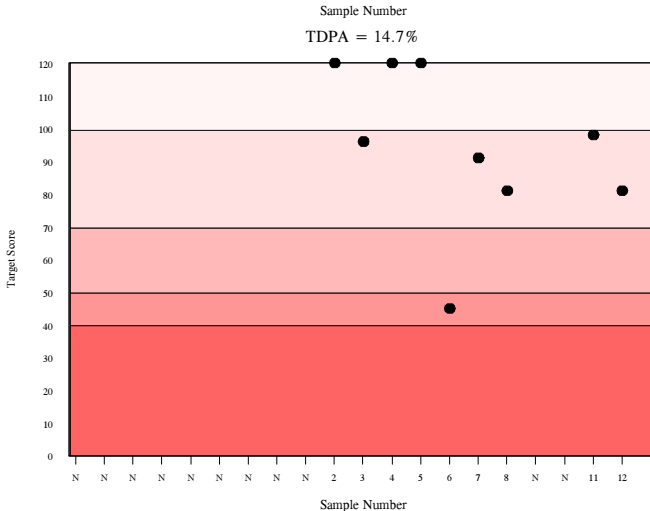
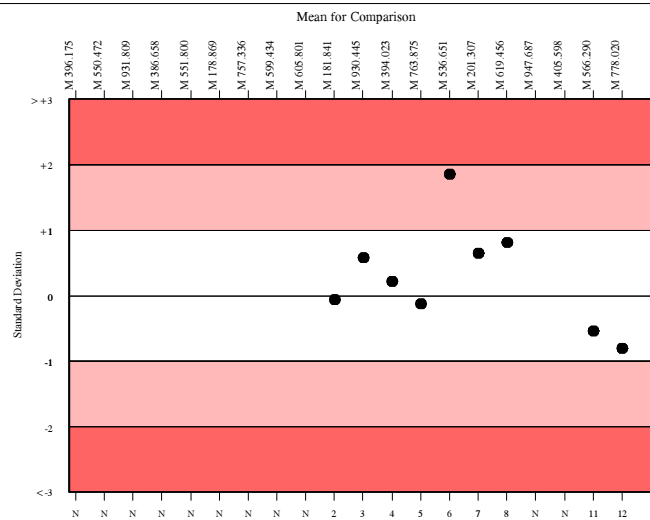
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1180	720.999	10.1	2.66	64.44	83
Roche Cobas 4000/e411	116	778.020	6.5	5.87	69.53	10

▲ Your Result	721.900	SDI	-0.81
		RMSDI	Too Few
■ Mean for Comparison	778.020	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	230	640.420	4.3	2.26
Roche Cobas 6000/8000	147	730.576	5.8	4.40
Roche Cobas 6000/8000 Gen II	135	711.806	3.6	2.74
Roche Cobas 4000/e411	116	778.020	6.5	5.87
Beckman DxI 600/800	114	705.976	6.4	5.28
Siemens Centaur XP/XPT/Classic	112	870.860	7.7	7.93
Siemens/DPC Immulite 2000/2500	55	709.543	6.2	7.44
Roche Cobas 4000/e411 Gen II	37	757.562	4.1	6.35
bioMerieux, VIDAS	24	697.108	10.3	18.36
Roche Elecsys	27	768.007	9.0	16.59
Beckman Access/LXi725	25	737.775	4.8	8.93
Ortho Vitros 3600/5600/ECi	26	690.926	4.6	7.83
Siemens/DPC Immulite 1000	22	765.780	11.1	22.68
SNIBE Maglumi analysers	18	810.430	5.0	11.87
Tosoh	14	783.221	4.9	12.76
CIS, RIA	14	623.999	8.0	16.67
DiaSorin, Liaison	10	811.148	10.1	32.35
Siemens Centaur CP	7	902.823	4.7	20.00
Roche Modular E170 Gen II	7	738.575	6.1	21.12
Roche Modular E170	6	692.679	4.6	16.43
Roche Elecsys Gen II	3	780.171	8.7	49.20

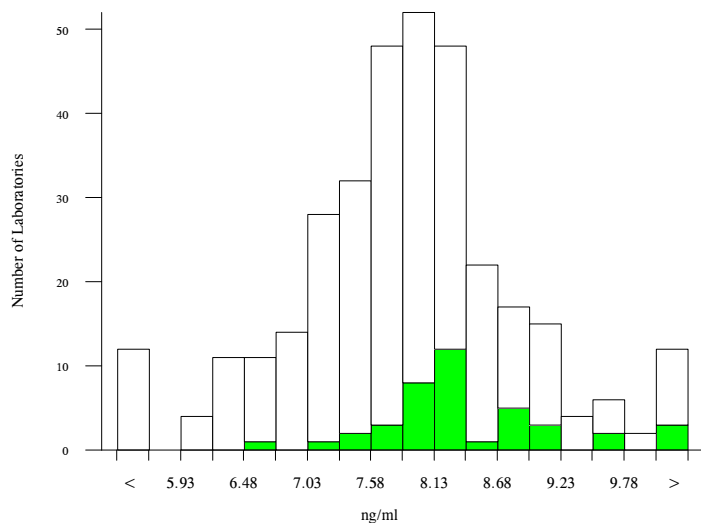


C-Peptide, ng/ml

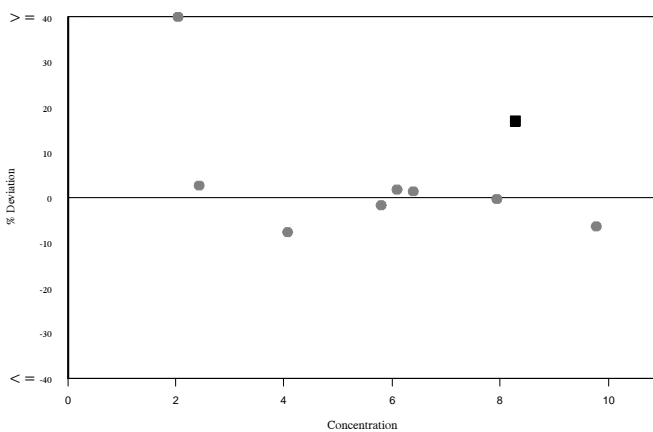
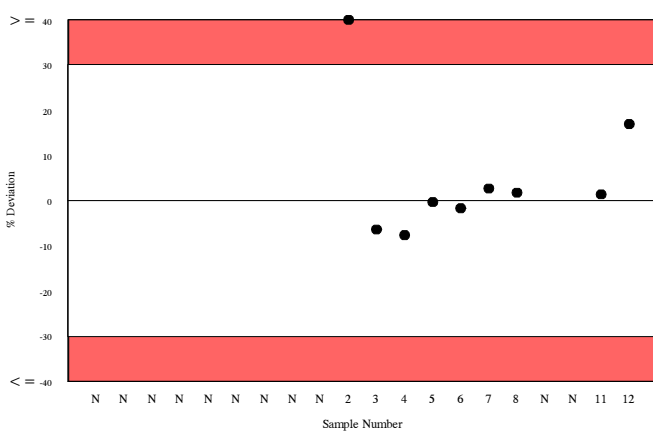
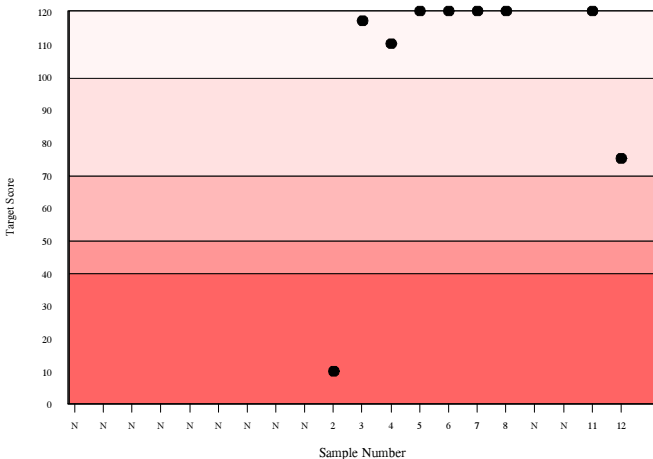
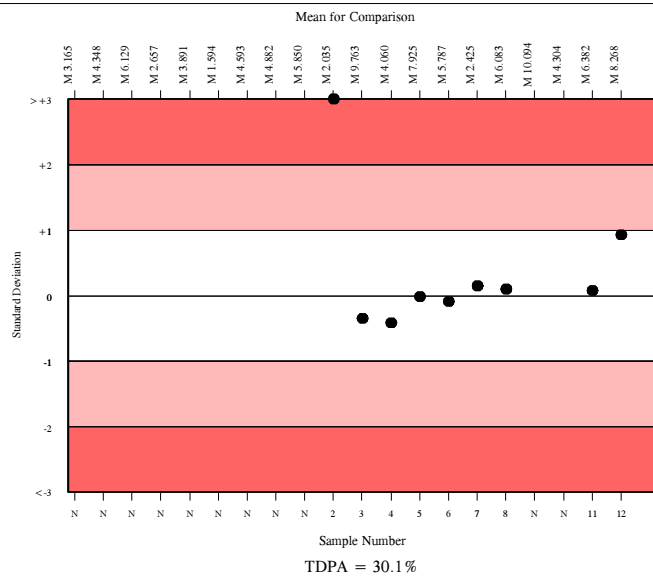
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	309	7.860	9.3	0.05	1.44	30
Roche Cobas 4000/e411	35	8.268	5.8	0.10	1.51	6

▲ Your Result	9.670	SDI	0.93
		RMSDI	Too Few
■ Mean for Comparison	8.268	TS	75
		RMTS	Too Few
		%DEV	17.0
		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	69	8.169	4.8	0.06
Abbott Architect	50	7.435	4.3	0.06
Siemens/DPC Immulite 2000/2500	49	7.791	6.8	0.09
Roche Cobas 4000/e411	35	8.268	5.8	0.10
Siemens Centaur XP/XPT/Classic	22	6.527	5.7	0.10
SNIBE Maglumi analysers	20	8.617	6.8	0.16
TOSOH	10	7.562	7.5	0.22
DiaSorin, Liaison	10	8.857	7.4	0.26
Siemens/DPC Immulite 1000	7	7.546	10.7	0.38
Roche Elecsys	6	7.920	2.7	0.11
ELISA	4	5.973	26.6	0.99
Fujirebio Lumipulse G Series	2	7.865	2.4	0.17
Roche Modular E170	3	8.233	13.0	0.77
Siemens Centaur CP	2	6.925	10.5	0.64
DIAsource, RIA	2	4.925	3.9	0.17
DRG ELISA	2	5.980	75.2	3.97
DiaSorin Liaison XL	2	8.775	7.0	0.54
Monobind Inc. ELISA / CLIA	2	6.915	14.6	0.89

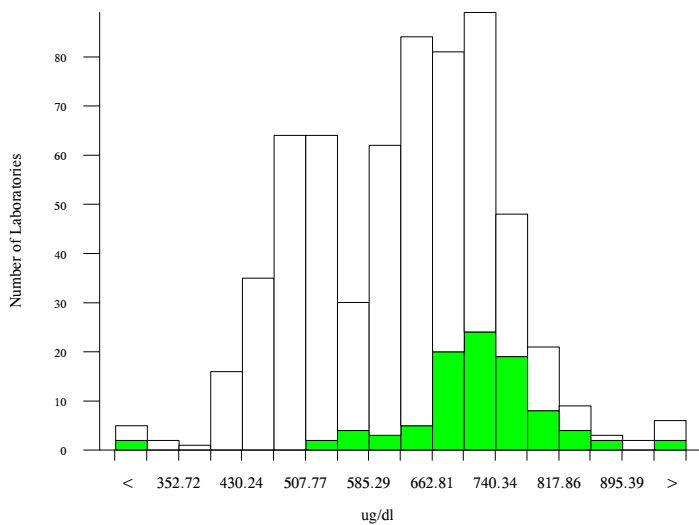


DHEA-S, ug/dl

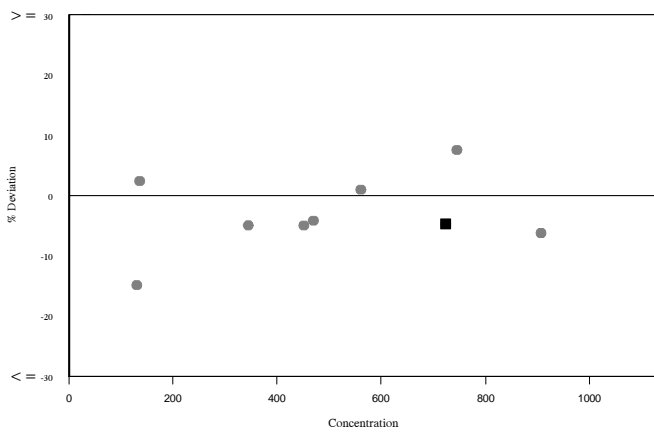
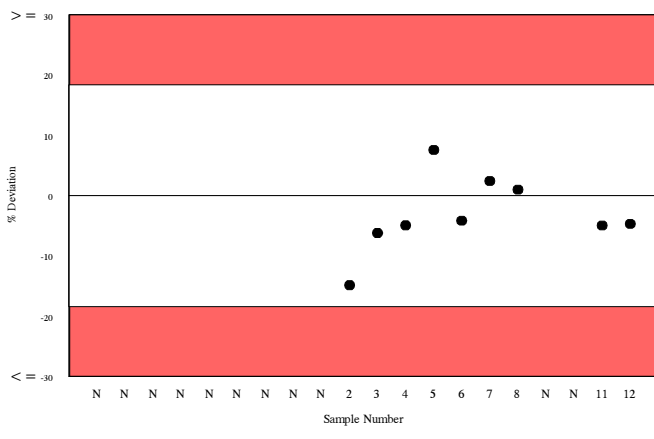
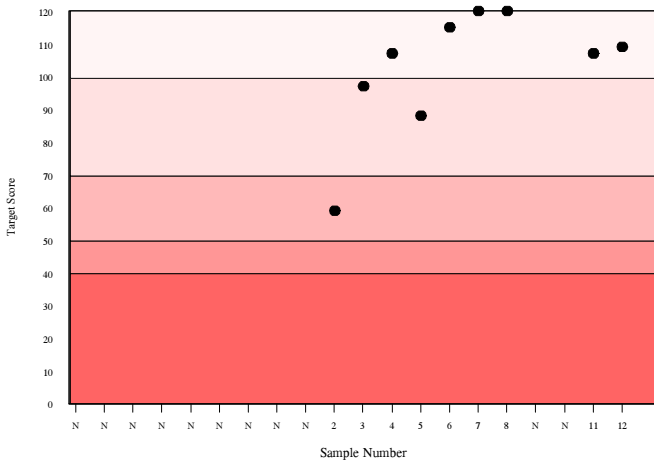
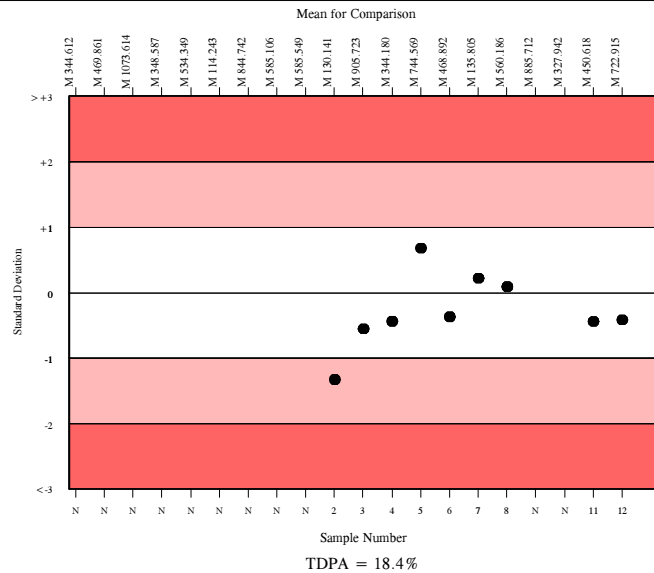
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	598	624.057	16.6	5.28	69.81	24
Roche Cobas 4000/e411	82	722.915	7.0	7.02	80.87	13

▲ Your Result	689.000	SDI	-0.42
		RMSDI	Too Few
■ Mean for Comparison	722.915	TS	109
		RMTS	Too Few
		%DEV	-4.7
		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	139	706.969	6.1	4.55
Abbott Architect	100	627.993	4.9	3.82
Roche Cobas 4000/e411	82	722.915	7.0	7.02
Siemens/DPC Immulite 2000/2500	65	501.903	7.7	6.00
Beckman DxI 600/800	51	492.556	6.4	5.55
Siemens Centaur XP/XPT/Classic	28	505.822	6.5	7.82
Roche Elecsys	18	702.122	9.0	18.65
Siemens/DPC Immulite 1000	15	482.384	9.6	14.92
SNIBE Maglumi analysers	13	615.446	2.1	4.55
TOSOH	12	662.180	9.1	21.69
Roche Modular E170	11	726.710	6.5	17.72
DiaSorin, Liaison	7	486.157	16.2	37.31
Beckman Access/LXi725	7	511.760	13.5	32.59
ELISA	5	632.387	30.7	108.44
Immunotech RIA	5	577.624	9.5	30.73
DiaSorin Liaison XL	4	425.450	1.7	4.61

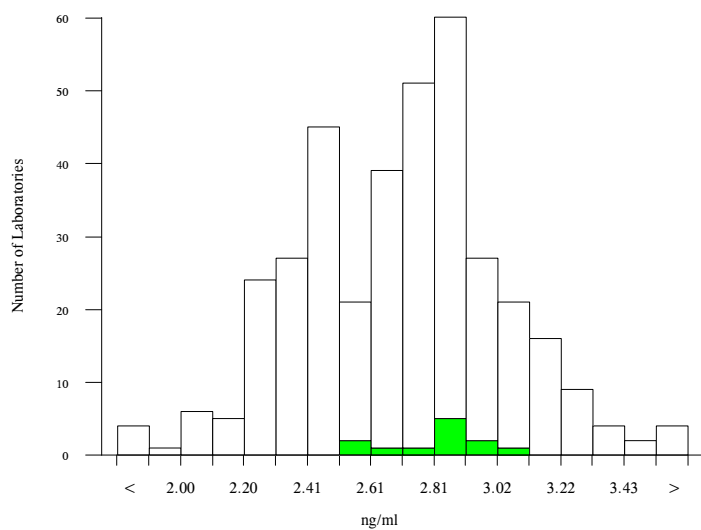


Digoxin, ng/ml

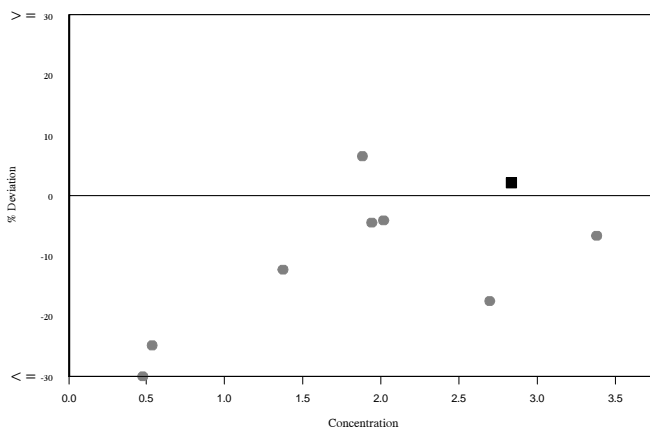
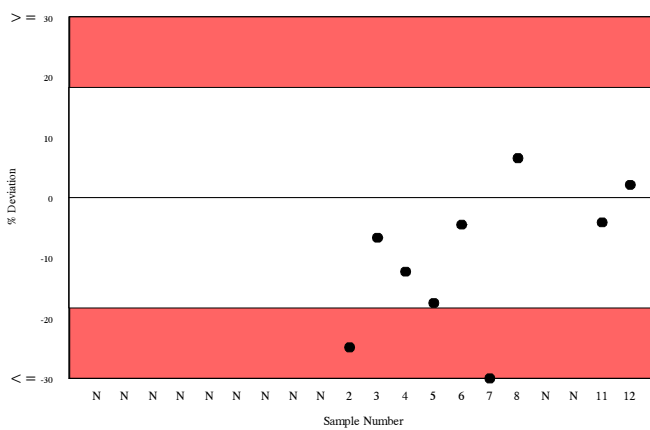
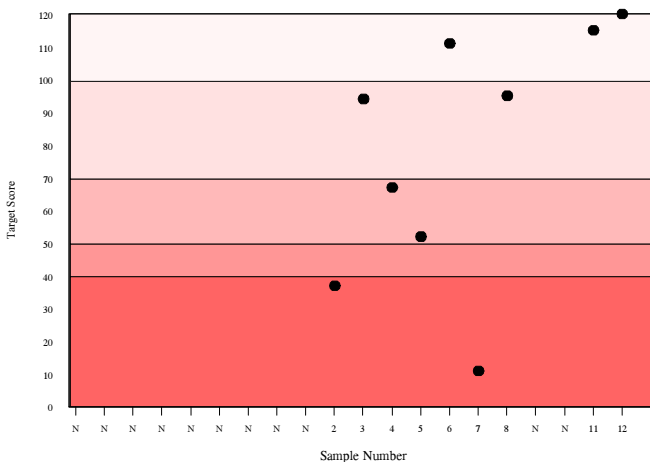
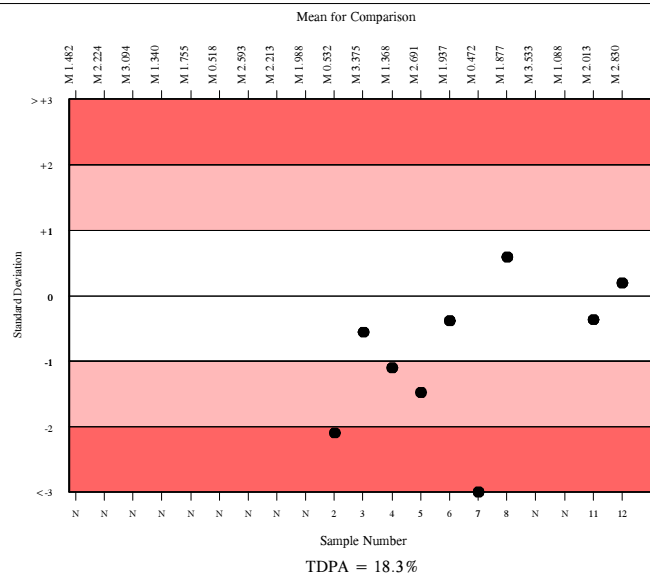
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	345	2.718	10.0	0.02	0.30	21
bioMerieux, VIDAS	12	2.830	5.4	0.06	0.31	0

▲ Your Result	2.890	SDI	0.19
		RMSDI	Too Few
■ Mean for Comparison	2.830	TS	120
		RMTS	Too Few
		%DEV	2.1
		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	2.384	4.8	0.02
Roche Cobas E601/602/801	38	2.827	4.6	0.03
Roche Cobas C501/502/701	29	2.831	3.0	0.02
Siemens Centaur XP/XPT/Classic	25	3.133	5.0	0.04
Abbott Architect (PETINIA)	20	2.559	8.3	0.06
Beckman Dxi 600/800	16	2.806	6.7	0.06
Siemens Dimension	14	2.786	4.0	0.04
Roche Cobas 4000/e411	14	2.857	8.2	0.08
bioMerieux, VIDAS	12	2.830	5.4	0.06
Beckman AU400/600/640/2700/5400	11	2.935	5.8	0.06
Roche Integra	9	2.898	5.2	0.06
SNIBE Maglumi analysers	10	2.729	2.8	0.03
Siemens/DPC Immulite 2000/2500	8	3.259	4.3	0.06
Roche Elecsys	7	2.808	6.6	0.09
Vitros	6	2.654	5.3	0.07
Siemens ADVIA 1200/1650/1800/2400	6	2.722	5.9	0.08
Beckman DxC	6	2.526	5.6	0.07
Siemens/DPC Immulite 1000	4	3.473	8.9	0.19
Roche Cobas 4000/c311	4	2.979	5.8	0.11
Roche Modular E170	3	2.930	5.4	0.11
Beckman Access/LXi725	3	2.790	7.4	0.15

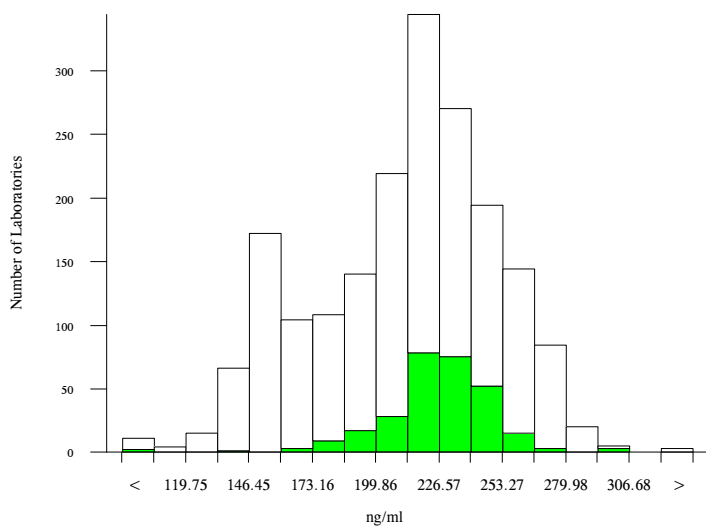


Ferritin, ng/ml

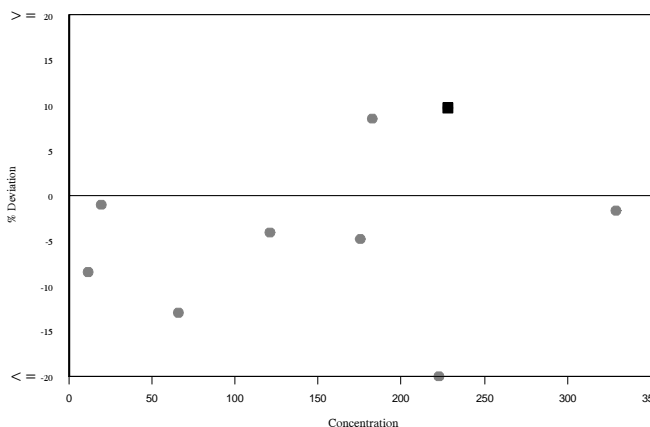
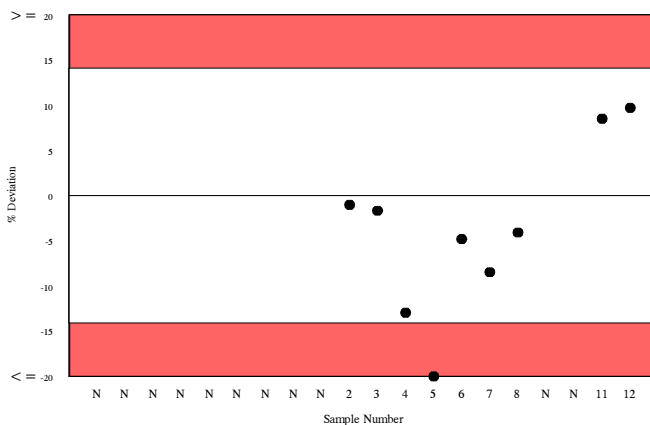
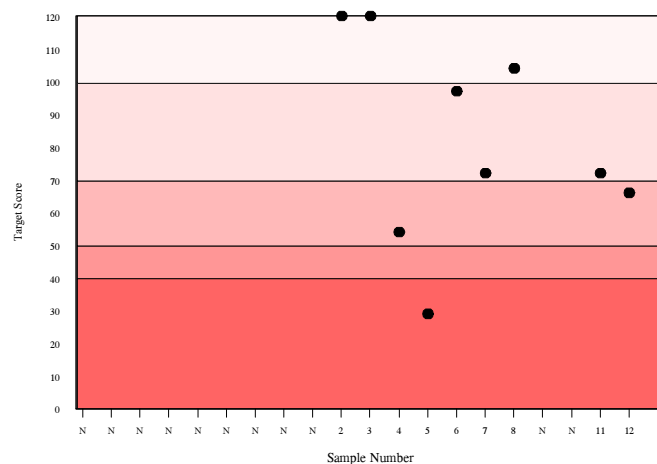
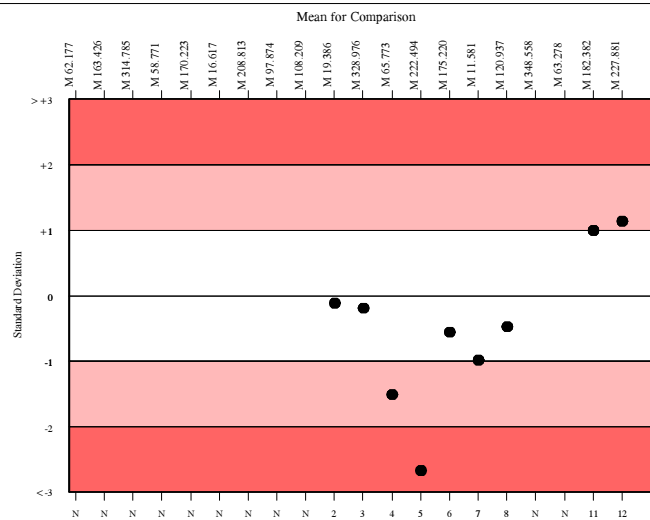
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1847	213.219	16.7	1.04	18.28	57
Roche Elecsys / Cobas e411	262	227.881	7.0	1.23	19.53	24

▲ Your Result	250.000	SDI	1.13
		RMSDI	Too Few
■ Mean for Comparison	227.881	TS	66
		RMTS	Too Few
		%DEV	9.7
		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	387	226.485	4.7	0.68
Abbott Architect Chemiluminescence	298	259.857	4.6	0.87
Roche Elecsys / Cobas e411	262	227.881	7.0	1.23
Siemens Centaur XP/XPT/Classic	181	208.763	5.6	1.08
Beckman DxI 600/800	176	154.105	5.3	0.77
Beckman Access/LXi725	56	158.419	4.8	1.28
bioMerieux, VIDAS	47	189.607	8.1	2.81
Ortho Vitros 3600/5600/ECi	43	145.274	3.8	1.06
Roche Cobas C501/502/701	43	197.747	10.8	4.07
Siemens/DPC Immulite 2000/2500	39	202.738	5.1	2.07
DiaSorin, Liaison	25	221.112	7.5	4.14
Siemens Centaur CP	24	204.565	7.8	4.08
Tosoh	21	158.318	7.0	3.02
Siemens Dimension	21	203.584	3.5	1.94
Roche Cobas 4000/c311	20	231.740	6.5	4.20
SNIBE Maglumi analysers	19	183.589	3.8	2.02
Beckman AU400/600/640/2700/5400	18	187.381	2.9	1.60
Siemens/DPC Immulite 1000	18	180.661	6.4	3.38
Roche Integra	8	220.330	3.3	3.20
Abbott Architect Quantia	7	193.579	12.6	11.50
Fujirebio Lumipulse G Series	7	128.471	6.8	4.10



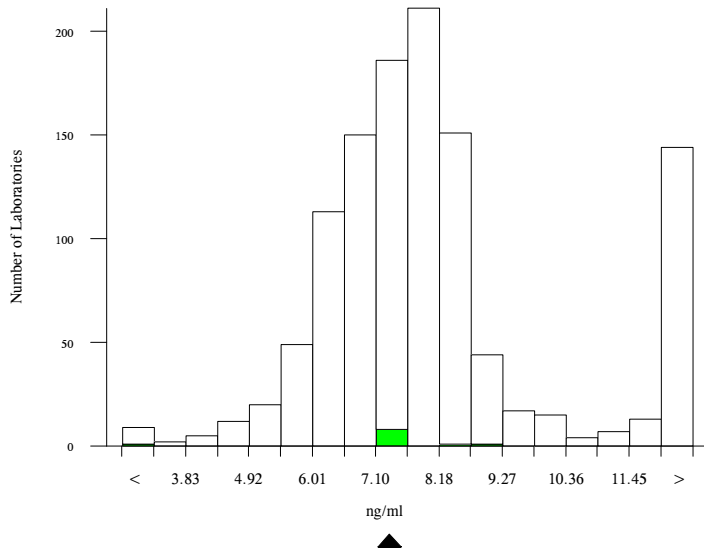
RIQAS

Folate, ng/ml

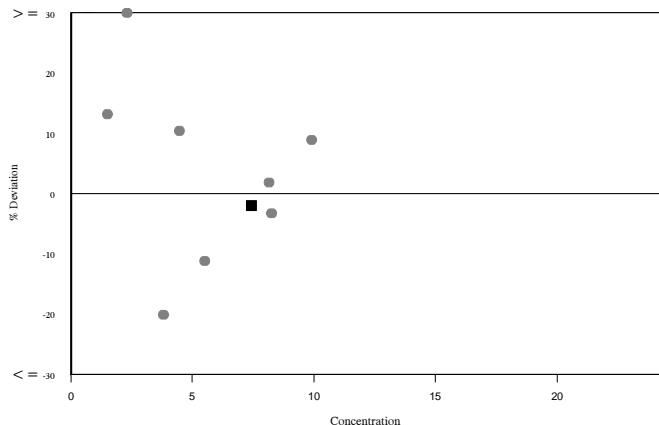
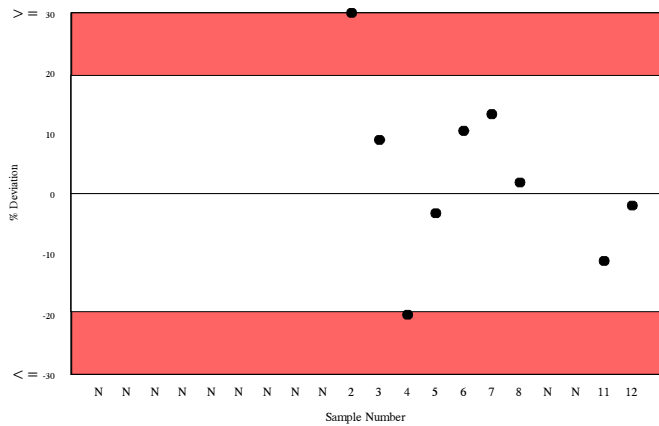
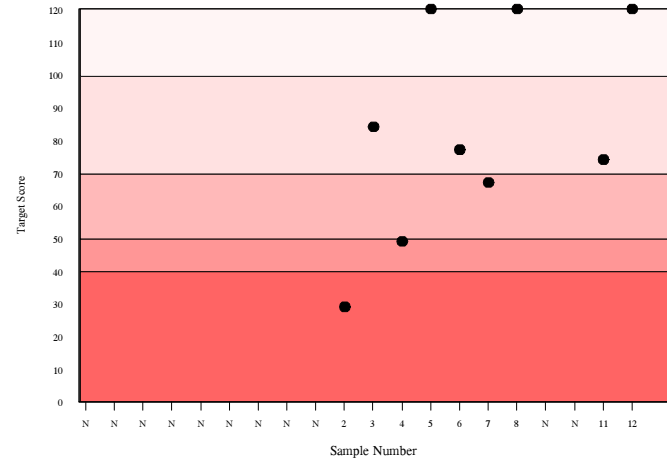
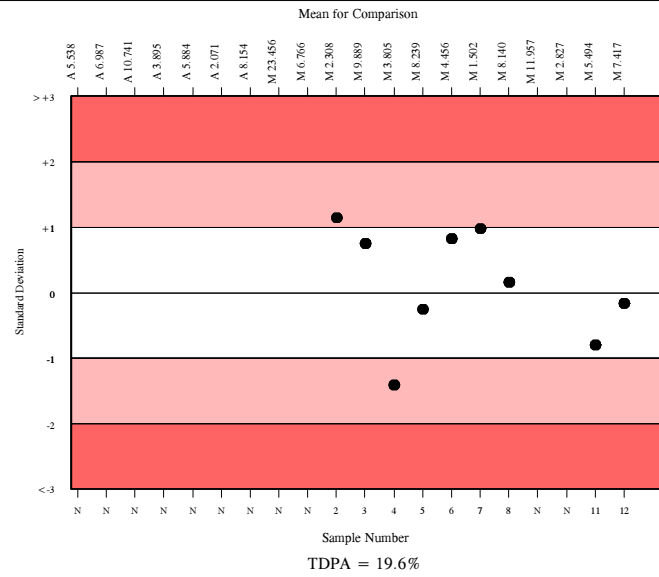
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1026	7.645	19.0	0.06	0.91	126
Roche Folate III - 04476433	8	7.417	2.0	0.06	0.88	3

▲ Your Result	7.270	SDI	-0.17
		RMSDI	Too Few
■ Mean for Comparison	7.417	TS	120
		RMTS	Too Few
		%DEV	-2.0
		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	221	6.631	6.5	0.04
Siemens Centaur XP/XPT/Classic(enhanced)	122	14.629	8.9	0.15
Roche Cobas 6000/8000	113	7.770	7.0	0.06
Roche Cobas 6000/8000 Folate III	106	7.770	6.6	0.06
Beckman DxI 600/800 - A98032	87	8.144	5.2	0.06
Roche Cobas 4000/e411	69	7.579	13.5	0.15
Roche Folate III - 07559992	68	7.730	7.1	0.08
Beckman DxI 600/800 - A14208	62	7.982	4.2	0.05
Roche cobas 4000/e411 Folate III	45	7.984	12.6	0.19
Beckman Access/LXi725	31	8.119	5.0	0.09
Siemens/DPC Immulite 2000	31	5.668	8.4	0.11
Ortho Vitros 3600/5600/ECi	19	5.174	8.3	0.12
Roche Elecsys	13	7.119	9.9	0.24
SNIBE Maglumi Analyser	11	10.089	5.5	0.21
Roche Folate III - 04476433	8	7.417	2.0	0.06
TOSOH	10	11.626	4.8	0.22
Siemens Centaur CP (enhanced kit)	8	15.400	16.2	1.10
Siemens Dimension	7	4.562	7.3	0.16
Roche Modular E170	6	7.805	9.1	0.36
Roche Modular E170 Folate III	6	7.955	10.4	0.42
MP Biomedicals RIA	4	5.723	4.3	0.15

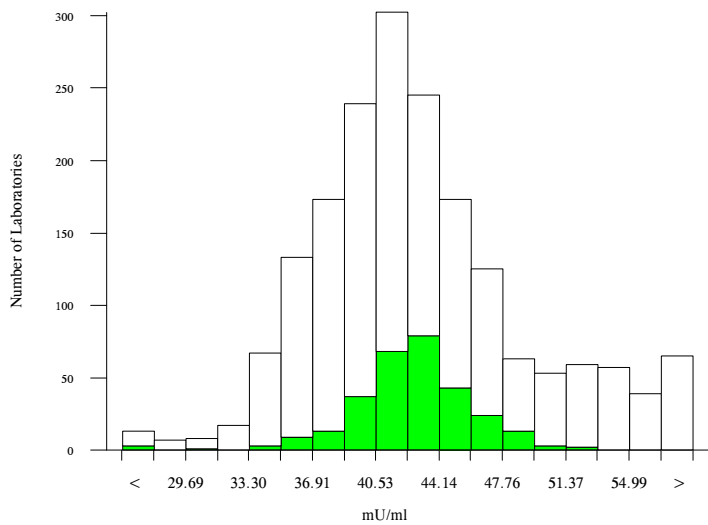


FSH, mU/ml

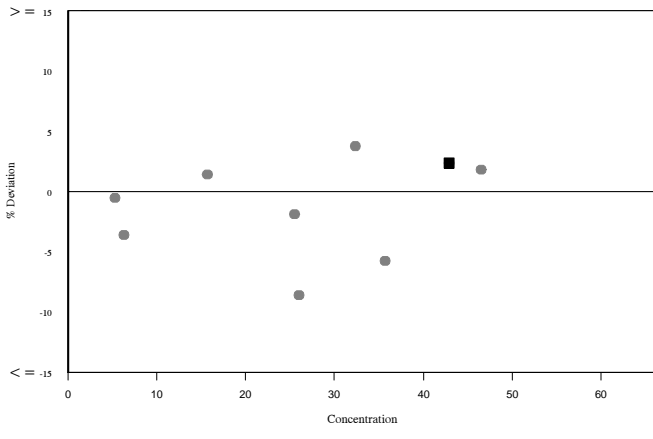
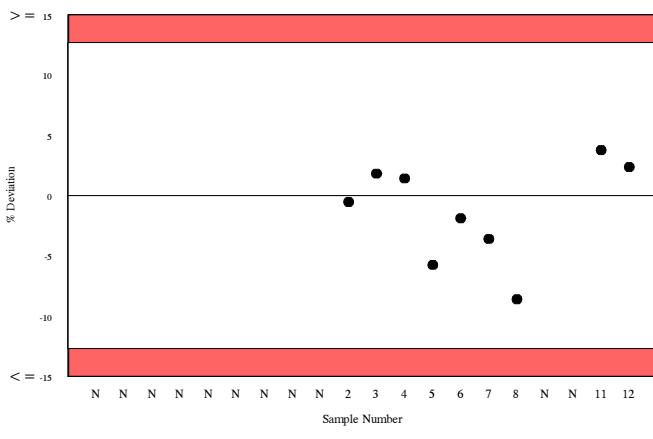
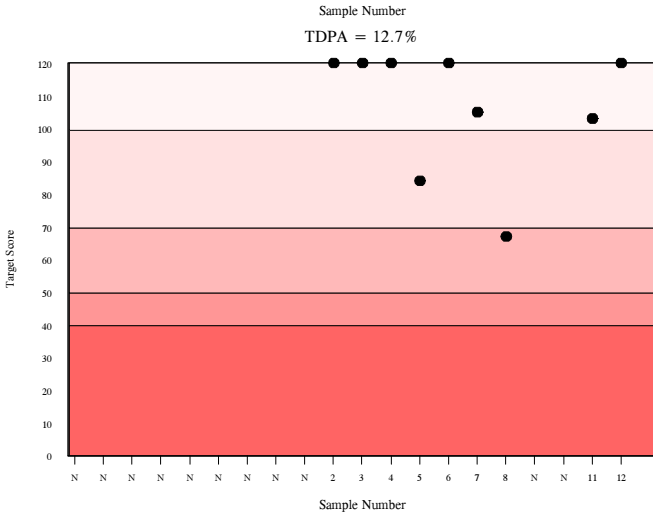
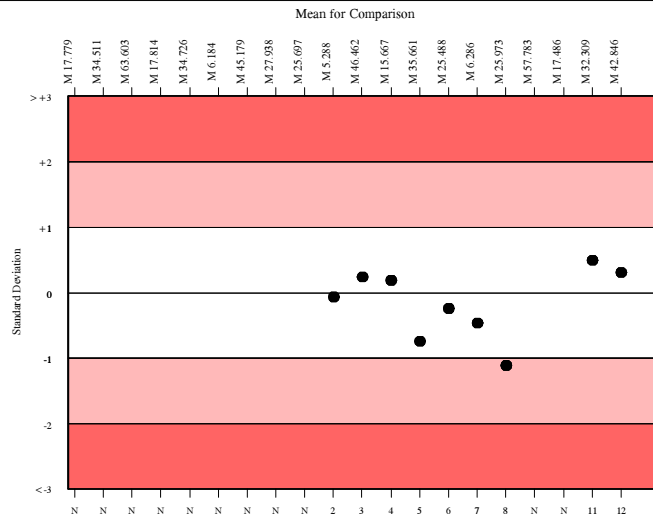
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1700	42.341	11.4	0.15	3.27	138
Roche Cobas 4000/e411	274	42.846	5.8	0.19	3.31	24

▲ Your Result	43.860	SDI	0.31
		RMSDI	Too Few
■ Mean for Comparison	42.846	TS	120
		RMTS	Too Few
		%DEV	2.4
		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	375	41.296	4.3	0.11
Abbott Architect	293	37.147	4.5	0.12
Roche Cobas 4000/e411	274	42.846	5.8	0.19
Siemens Centaur XP/XPT/Classic	161	54.038	5.4	0.29
Beckman DxI 600/800	156	44.916	6.2	0.28
bioMerieux, VIDAS	86	50.611	8.8	0.60
Siemens/DPC Immulite 2000/2500	56	42.754	4.9	0.35
Beckman Access/LXi725	48	44.525	6.2	0.49
Roche Elecsys	46	42.605	7.6	0.60
Ortho Vitros 3600/5600/ECi	37	34.845	4.6	0.33
Siemens/DPC Immulite 1000	29	42.034	7.3	0.71
Tosoh	27	43.581	7.7	0.81
SNIBE Maglumi analysers	18	45.928	1.5	0.20
DiaSorin, Liaison	20	53.911	16.3	2.45
Siemens Centaur CP	17	43.072	8.4	1.10
Roche Modular E170	12	40.370	1.5	0.22
Fujirebio Lumipulse G Series	10	34.186	3.5	0.47
ELISA	4	47.539	31.1	9.23
DiaSorin Liaison XL	4	65.500	13.6	5.58
Siemens Dimension	3	39.000	3.9	1.10
DIAsource, IRMA	3	39.363	9.8	2.79



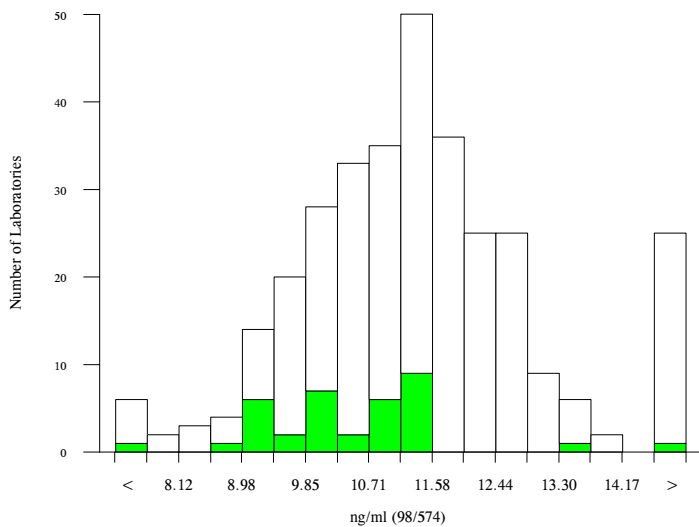
RIQAS

GH, ng/ml (98/574)

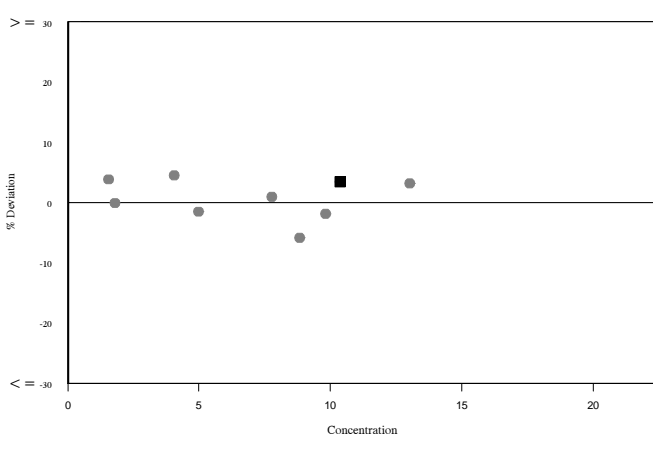
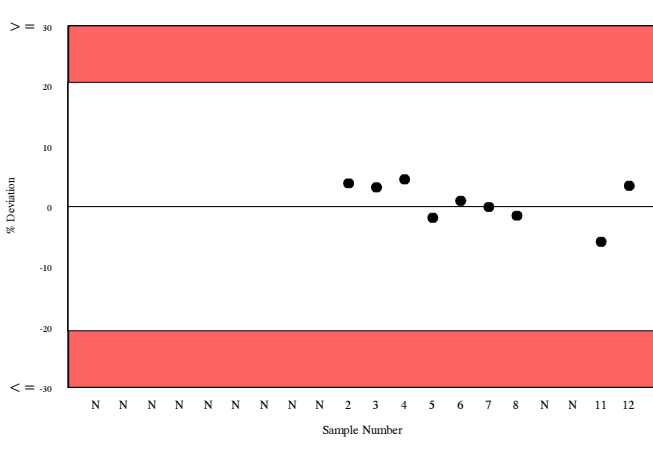
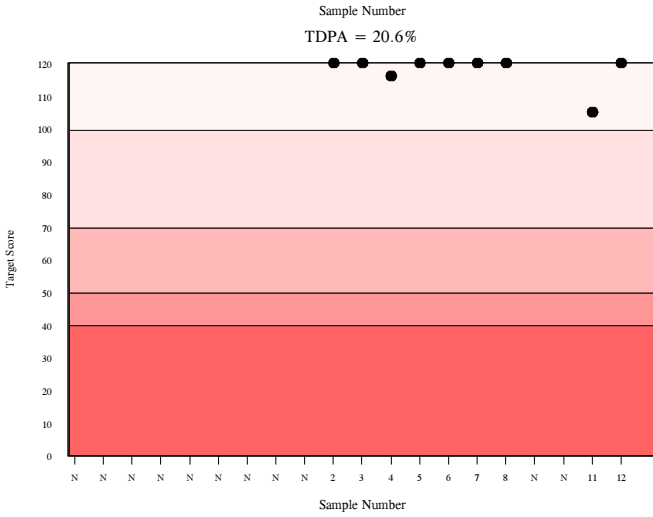
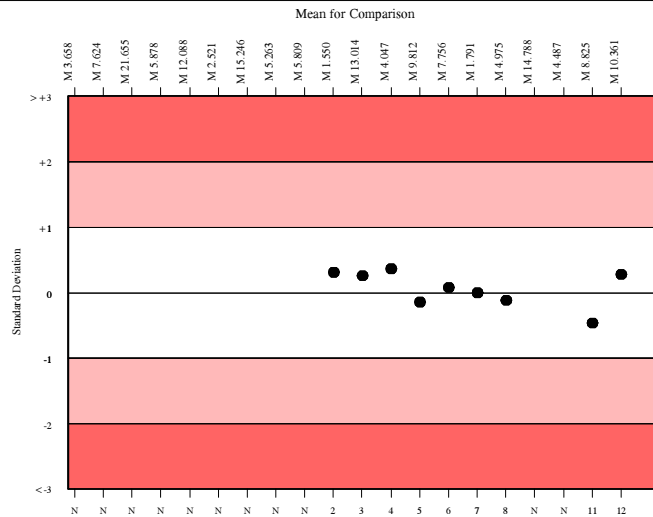
	N	Mean	CV%	U _m	SDPA	Exc.
□ All Methods	290	11.149	10.3	0.08	1.40	33
■ Roche Cobas 4000/e411	33	10.361	8.4	0.19	1.30	3

▲ Your Result	10.720	SDI	0.28
		RMSDI	Too Few
■ Mean for Comparison	10.361	TS	120
		RMTS	Too Few
		%DEV	3.5
		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	99	12.080	5.7	0.09
Roche Cobas 6000/8000	39	10.988	6.0	0.13
Roche Cobas 4000/e411	33	10.361	8.4	0.19
Siemens/DPC Immulite 1000	22	11.097	5.8	0.17
Beckman DxI 600/800	19	10.029	4.6	0.13
DiaSorin, Liaison	15	9.970	16.2	0.52
SNIBE Maglumi analysers	15	15.493	2.2	0.11
Beckman Access/LXi725	12	9.730	5.9	0.21
IDS iSYS	9	11.049	5.4	0.25
DiaSorin Liaison XL	8	10.921	6.5	0.31
Tosoh	6	12.047	9.0	0.55
CIS, IRMA	4	10.521	3.1	0.21
ELISA	3	17.096	17.4	2.15
DIAsource, IRMA	2	9.918	4.5	0.40
Roche Elecsys	2	10.720	7.3	0.69

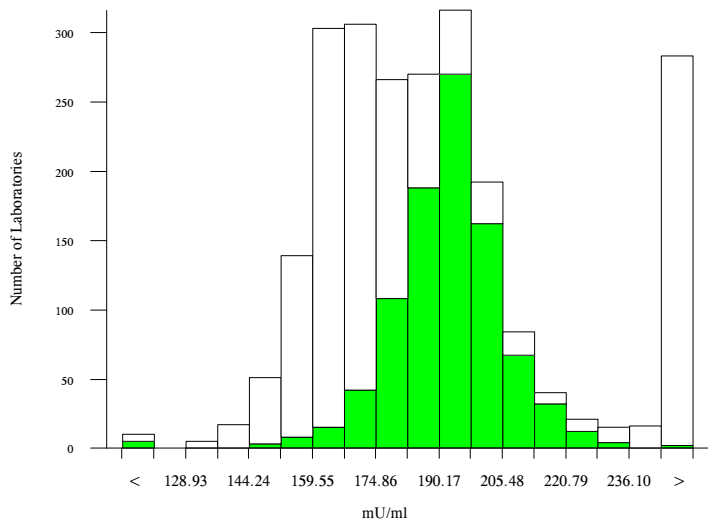


hCG, mU/ml

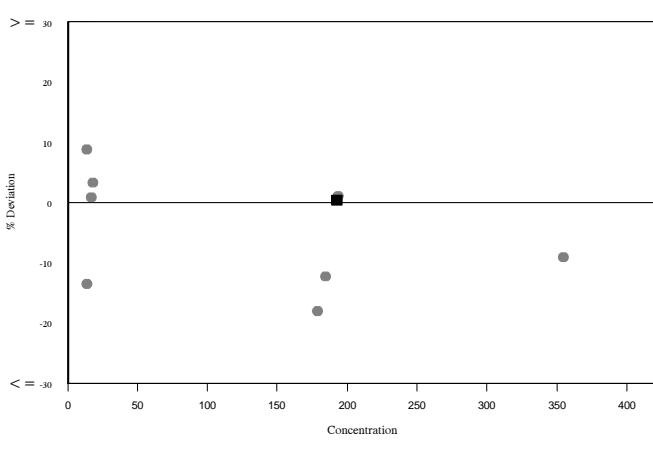
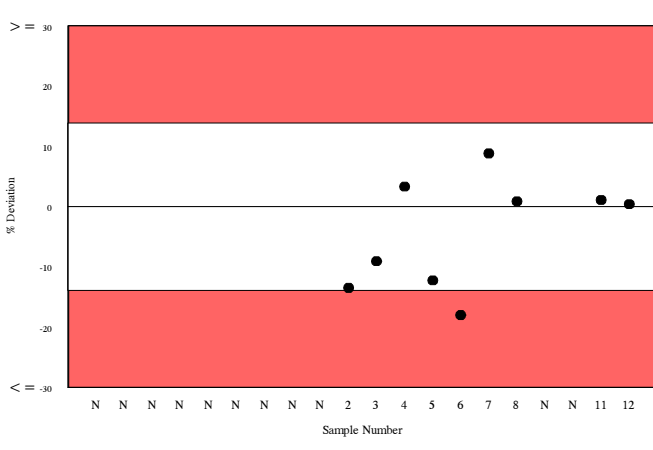
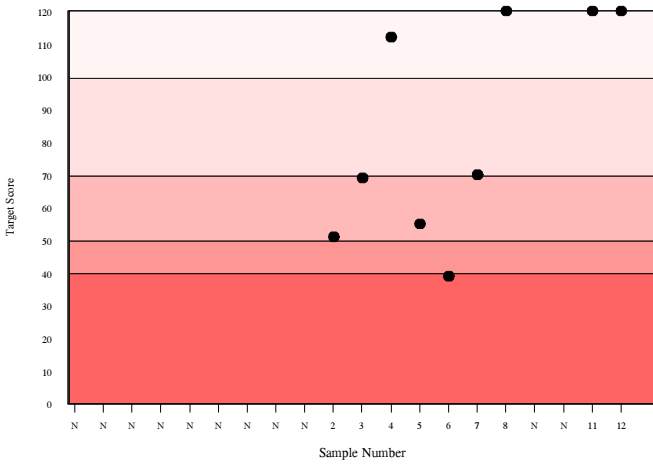
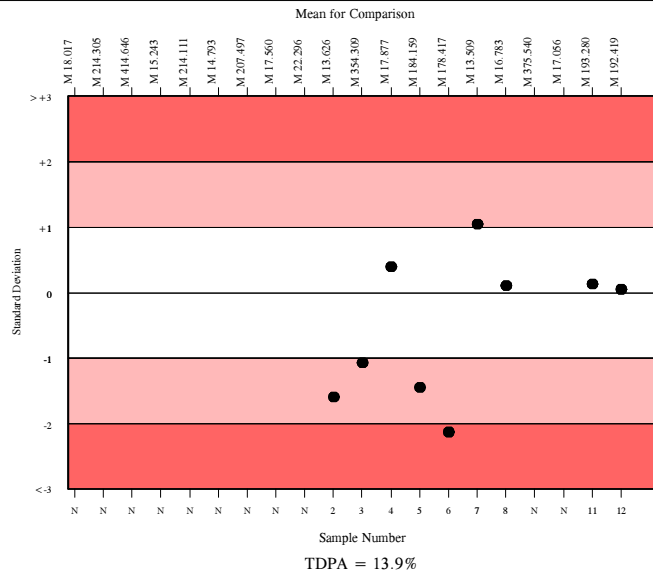
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2075	182.523	11.2	0.56	15.42	261
Roche hCG + Beta	850	192.419	5.2	0.43	16.26	68

▲ Your Result	193.200	SDI	0.05
		RMSDI	Too Few
■ Mean for Comparison	192.419	TS	120
		RMTS	Too Few
		%DEV	0.4
		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 hCG+Beta	850	192.419	5.2	0.43
Abbott Architect	388	165.062	4.3	0.45
Siemens Centaur XP/XPT/Classic	188	164.139	4.6	0.69
Beckman Dxi 600/800	126	175.720	4.7	0.92
bioMerieux, VIDAS	112	271.119	7.2	2.30
Roche hCG STAT(Intact)	72	188.664	5.8	1.60
Siemens/DPC Immulite 2000	53	322.821	7.4	4.11
Ortho Vitros 3600/5600/ECi	50	272.344	4.9	2.36
Beckman Access Total BhCG (5th IS)	49	172.102	5.6	1.73
Beckman Access/LXi725	45	174.014	5.8	1.89
Siemens Centaur CP	40	165.455	4.8	1.56
Beckman Dxi Total BhCG (5th IS)	38	180.448	3.6	1.32
Siemens/DPC Immulite 1000	26	323.846	11.0	8.73
SNIBE Maglumi analysers	19	207.822	5.1	3.05
Tosoh	16	264.044	6.9	5.71
Siemens Dimension	15	260.608	4.9	4.08
DiaSorin, Liaison	14	167.620	14.1	7.92
Roche Cobas Core EIA	12	188.292	6.6	4.46
Fujirebio Lumipulse G Series	8	143.138	3.8	2.40
DiaSorin Liaison XL	7	166.043	2.4	1.88
Radiometer AQT90 Flex	5	168.600	1.6	1.51

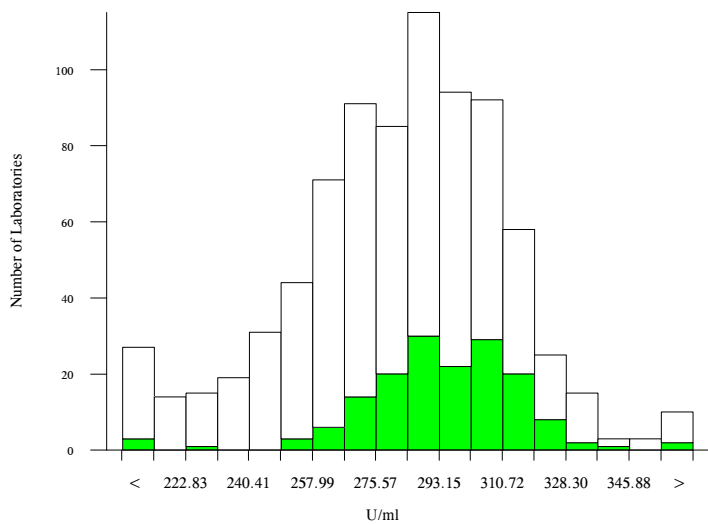


IgE, U/ml

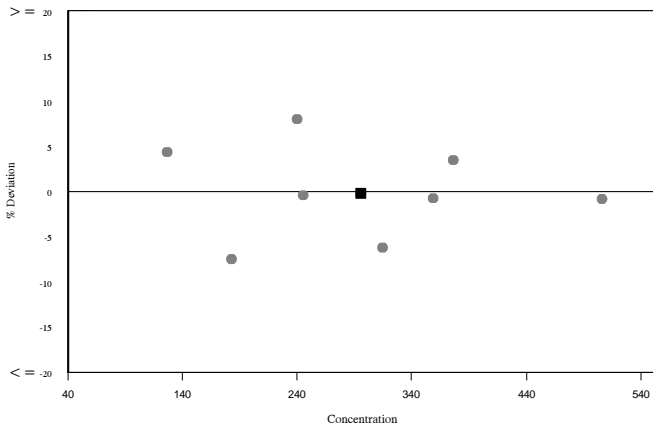
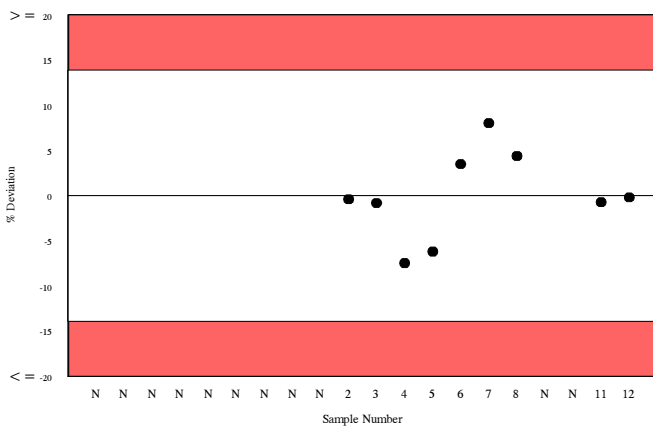
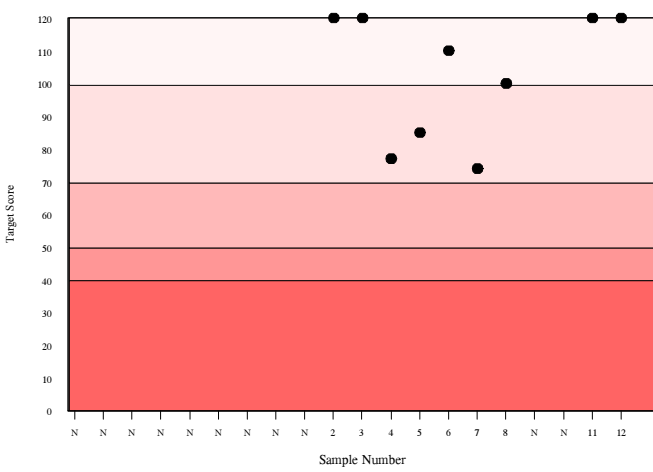
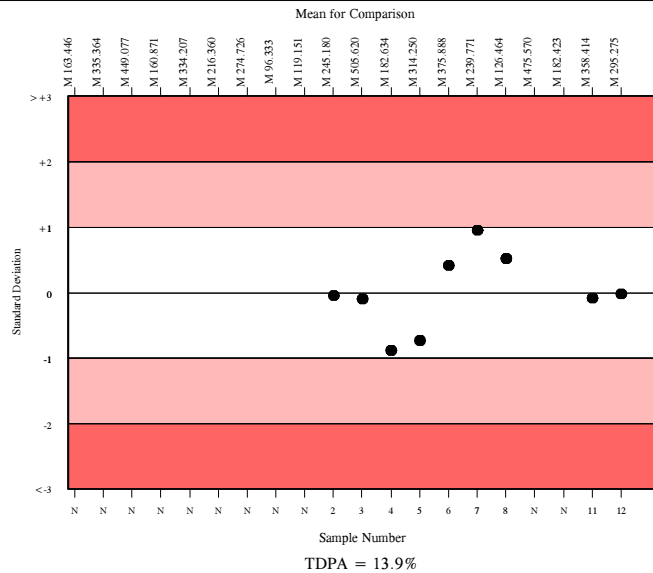
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	752	284.361	8.2	1.07	24.03	60
Roche Cobas 4000/e411	150	295.275	5.5	1.65	24.95	11

▲ Your Result	294.700	SDI	-0.02
		RMSDI	Too Few
■ Mean for Comparison	295.275	TS	120
		RMTS	Too Few
		%DEV	-0.2
		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	165	298.910	4.1	1.18
Roche Cobas 4000/e411	150	295.275	5.5	1.65
Siemens/DPC Immulite 2000/2500	87	283.060	9.5	3.60
Siemens Centaur XP/XPT/Classic	73	269.868	6.0	2.37
bioMerieux, VIDAS	52	246.543	11.1	4.72
Abbott Architect	46	273.165	5.1	2.58
TOSOH	24	275.213	5.7	4.00
Siemens/DPC Immulite 1000	21	279.690	6.6	5.06
Roche Elecsys	20	290.998	7.2	5.83
Phadia Immucap instruments	19	265.737	6.5	4.92
Beckman Dxi 600/800	20	267.433	10.3	7.74
SNIBE Maglumi analysers	12	245.316	3.2	2.82
Roche Modular E170	11	290.736	3.1	3.43
Siemens Centaur CP	6	264.000	5.2	6.95
Fujirebio Lumipulse G Series	6	226.790	6.8	7.88
ELISA	5	237.592	21.8	28.98
Siemens/Dade Behring Nephelometer	5	272.600	4.8	7.36
Beckman Access/LXi725	5	261.930	16.6	24.28
Biomed	4	288.998	7.8	14.13
Randox RX series Instruments	4	266.853	17.8	29.66
Beckman Image	2	274.500	9.0	21.87

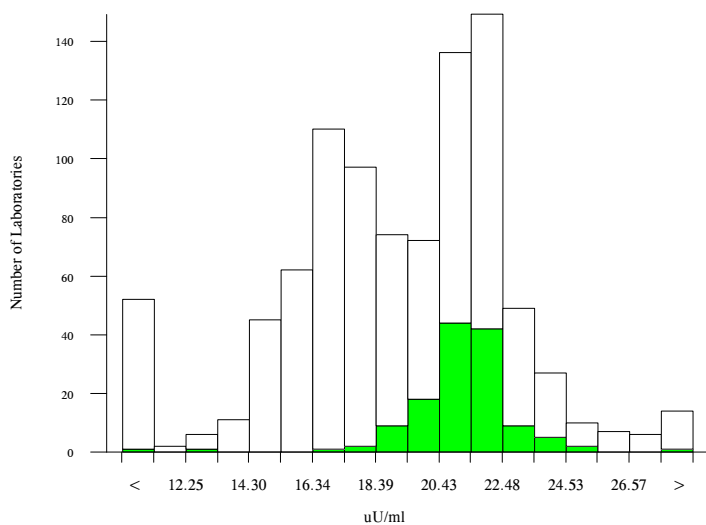


Insulin, uU/ml

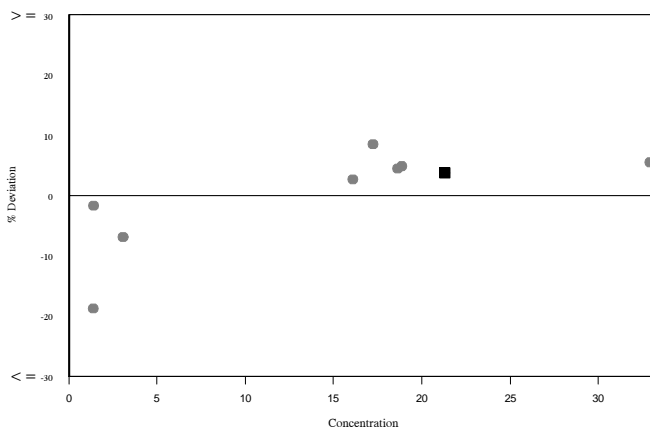
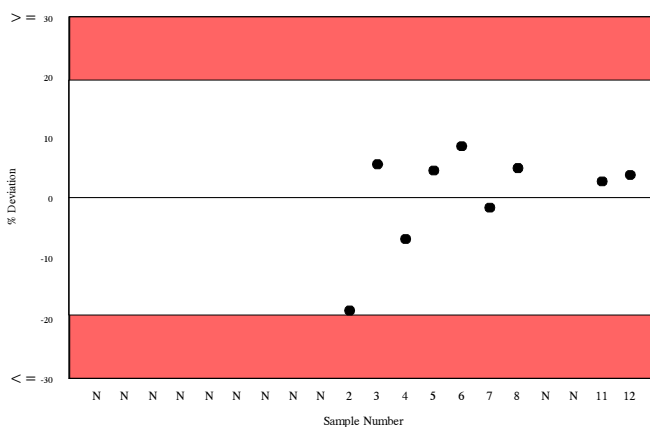
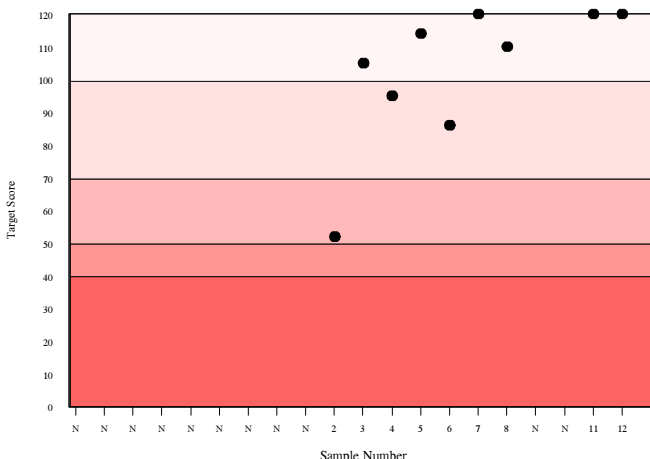
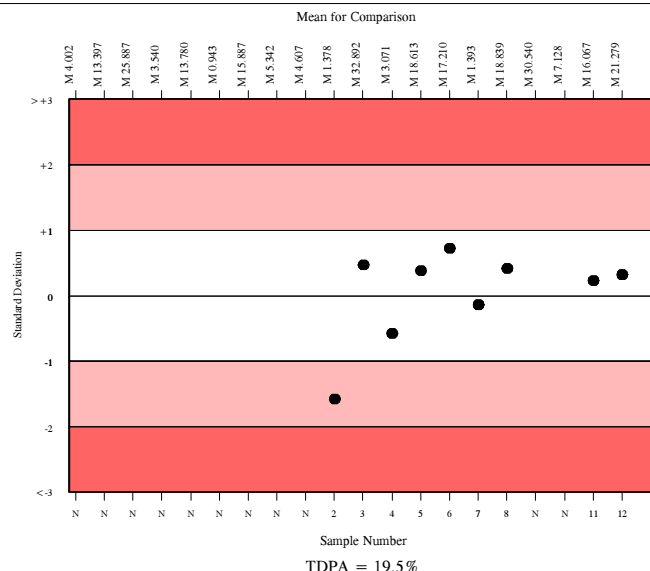
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	856	19.417	14.0	0.12	2.30	74
Roche Cobas 4000/e411	122	21.279	4.7	0.11	2.52	13

▲ Your Result	22.080	SDI	0.32
		RMSDI	Too Few
■ Mean for Comparison	21.279	TS	120
		RMTS	Too Few
		%DEV	3.8
		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	21.555	3.9	0.07
Abbott Architect	162	17.233	4.3	0.07
Roche Cobas 4000/e411	122	21.279	4.7	0.11
Beckman DxI 600/800	97	15.718	6.0	0.12
Siemens Centaur XP/XPT/Classic	76	19.156	7.8	0.21
Siemens/DPC Immulite 2000	32	7.189	21.1	0.33
SNIBE Maglumi analysers	24	17.929	3.9	0.18
Roche Elecsys	23	20.574	8.7	0.46
Tosoh	21	22.048	5.6	0.34
Siemens/DPC Immulite 1000	15	8.076	18.2	0.48
Roche Modular E170	13	21.259	3.8	0.28
Beckman Access/LXi725	10	15.463	6.6	0.41
DiaSorin, Liaison	12	24.512	8.6	0.76
Fujirebio Lumipulse G Series	8	20.065	5.2	0.46
Siemens Centaur CP	6	19.460	9.8	0.97
Diasource IRMA	3	23.297	32.7	5.51
ELISA	3	25.060	38.2	6.90
DiaSorin Liaison XL	3	25.683	5.3	0.97
CIS, RIA Coated tube	2	18.695	2.0	0.33
Ortho Vitros 3600/5600/ECi	1	18.100	0.0	0.00



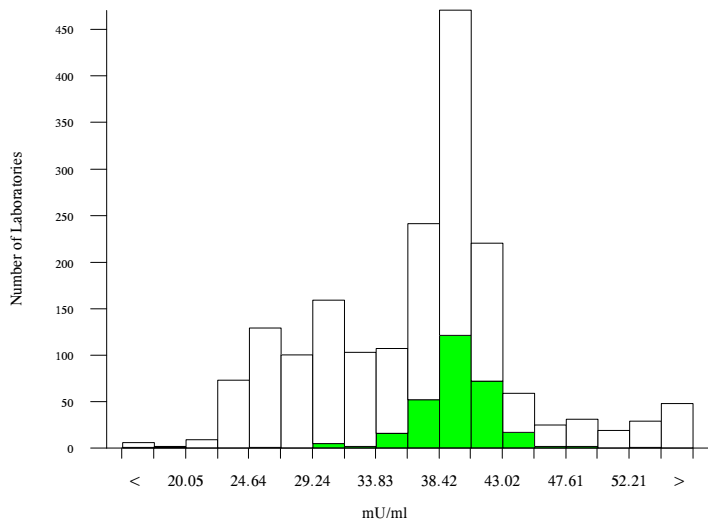
LH, mU/ml

- All Methods
- Roche Cobas 4000/e411

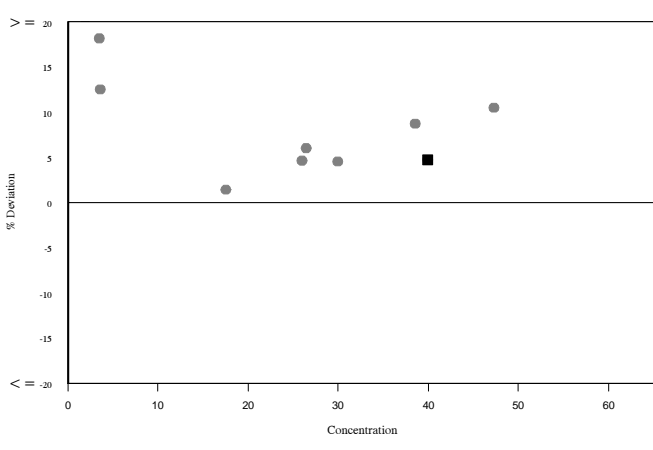
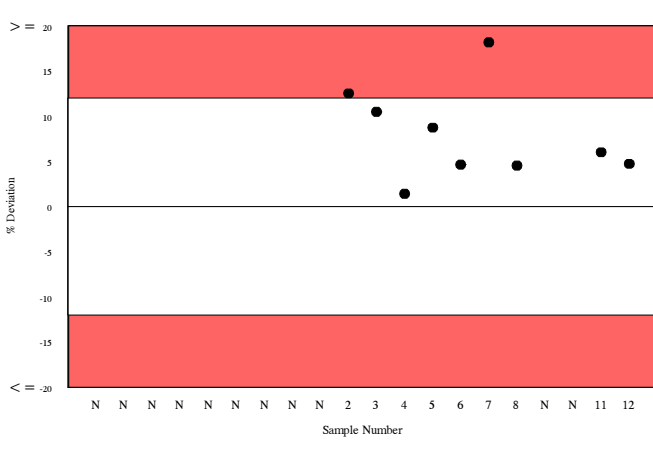
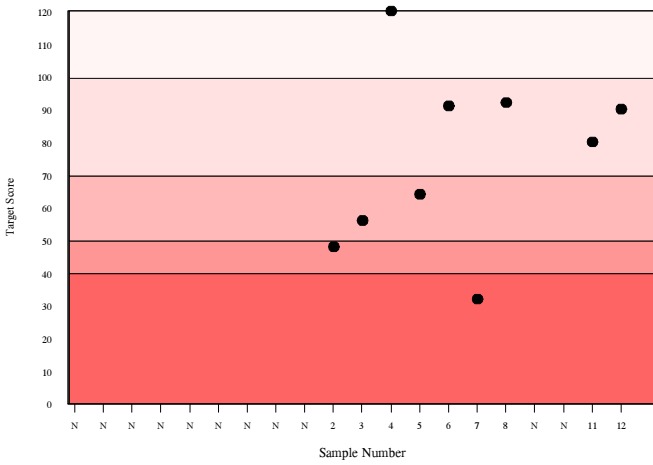
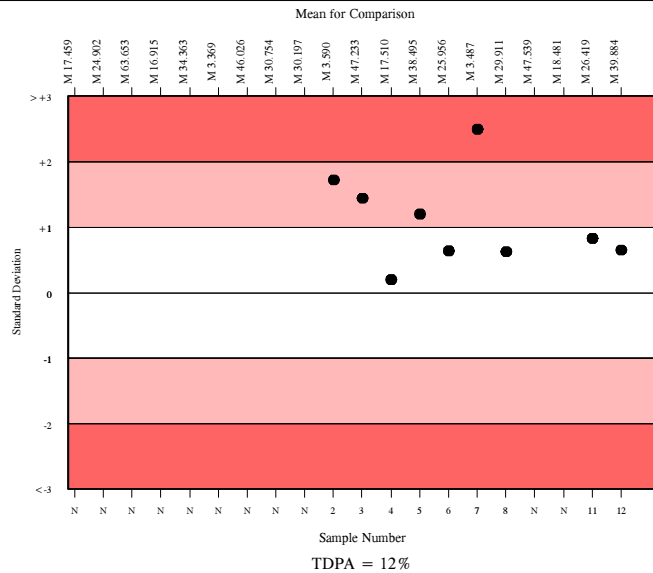
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1726	36.133	17.0	0.18	2.64	104
Roche Cobas 4000/e411	264	39.884	4.7	0.14	2.91	29

▲ Your Result	41.770	SDI	0.65
		RMSDI	Too Few
■ Mean for Comparison	39.884	TS	90
		RMTS	Too Few
		%DEV	4.7
		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	388	39.645	3.5	0.09
Abbott Architect	288	30.128	6.4	0.14
Roche Cobas 4000/e411	264	39.884	4.7	0.14
Siemens Centaur XP/XPT/Classic	169	38.888	5.9	0.22
Beckman DxI 600/800	152	25.281	6.7	0.17
bioMerieux, VIDAS	83	36.067	5.9	0.29
Siemens/DPC Immulite 2000	51	55.302	5.9	0.57
Beckman Access/LXi725	44	25.381	5.7	0.27
Roche Elecsys	41	39.284	4.6	0.35
Ortho Vitros 3600/5600/ECi	40	48.760	6.0	0.58
Tosoh	29	35.640	7.6	0.63
Siemens/DPC Immulite 1000	29	54.062	7.4	0.93
DiaSorin, Liaison	22	46.307	9.8	1.20
SNIBE Maglumi analysers	21	40.704	4.9	0.55
Siemens Centaur CP	18	39.503	9.2	1.07
Roche Modular E170	16	39.323	2.0	0.25
Fujirebio Lumipulse G Series	8	34.626	2.1	0.32
DiaSorin Liaison XL	5	49.282	8.4	2.31
Siemens Dimension	3	40.600	2.8	0.81
DIAsource, IRMA	3	24.863	3.6	0.64
ELISA	3	47.907	20.3	7.03



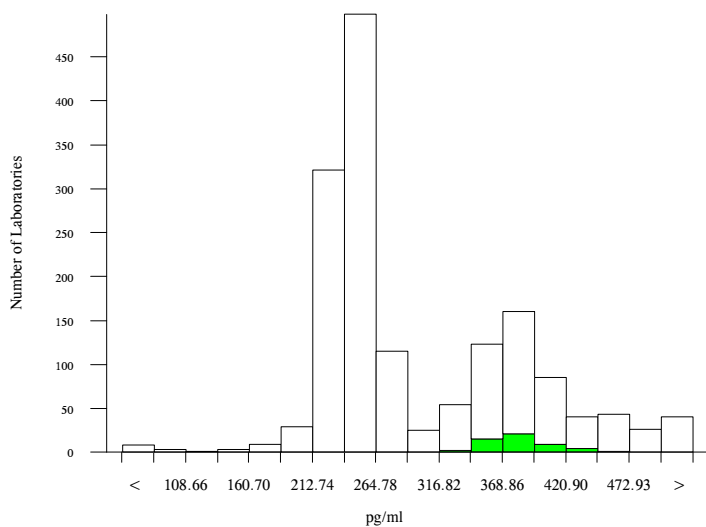
RIQAS

Oestradiol, pg/ml

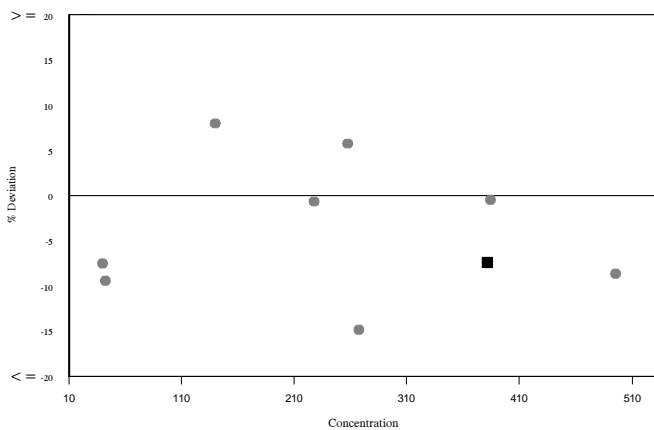
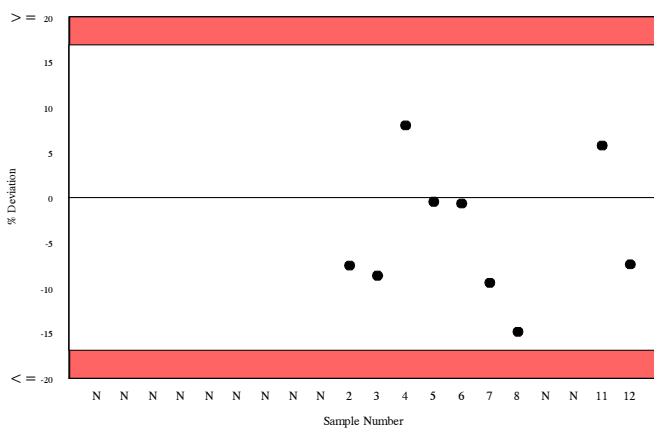
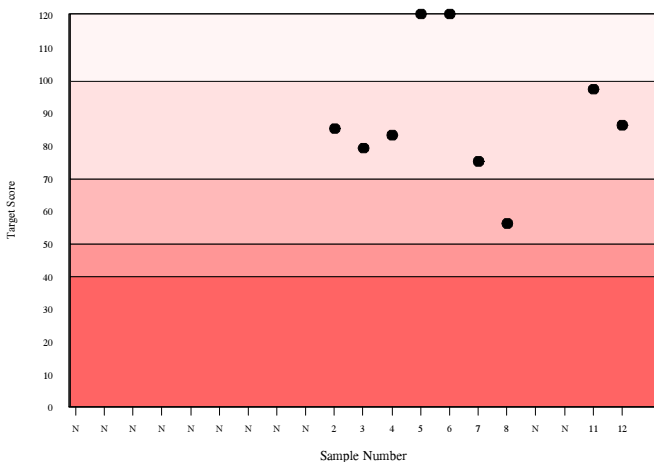
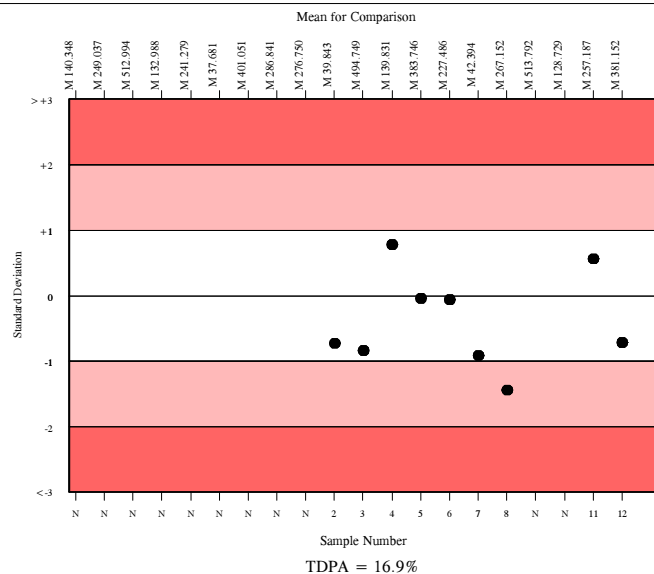
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1490	290.802	23.9	2.25	29.88	93
Siemens/DPC Immulite 2000/2500	49	381.152	5.6	3.81	39.16	3

▲ Your Result	353.000	SDI	-0.72
		RMSDI	Too Few
■ Mean for Comparison	381.152	TS	86
		RMTS	Too Few
		%DEV	-7.4
		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	230.077	3.7	0.66
Roche Cobas 6000/8000 (Estradiol III)	223	252.437	4.2	0.90
Beckman DxI 600/800	147	367.860	8.5	3.21
Roche Cobas 6000/8000 (Estradiol II)	121	251.675	4.5	1.29
Roche Cobas 4000/e411 (Estradiol III)	112	253.875	3.8	1.15
Roche Cobas 4000/e411 (Estradiol II)	107	247.496	5.8	1.75
Siemens Centaur XP/XPT/Classic (eE2)	93	381.209	4.5	2.22
bioMerieux, VIDAS	72	467.834	5.1	3.49
Siemens/DPC Immulite 2000/2500	49	381.152	5.6	3.81
Siemens Centaur XP/XPT/Classic	47	374.398	5.4	3.68
Beckman Access/LXi725	39	370.963	10.0	7.46
Roche Elecsys (Estradiol II)	28	256.038	5.9	3.58
Siemens/DPC Immulite 1000	26	418.186	11.5	11.75
Ortho Vitros 3600/5600/ECi	19	381.010	6.6	7.22
SNIBE Maglumi analysers	20	524.334	4.1	5.94
Roche Elecsys (Estradiol III)	17	240.796	13.2	9.62
Tosoh (E2)	11	296.401	7.4	8.27
DiaSorin, Liaison	11	193.727	10.5	7.64
Roche Modular E170 (Estradiol III)	13	251.615	3.5	3.06
Tosoh (iE2-hsE2)	12	277.900	10.3	10.32
Siemens Centaur CP	7	399.700	7.2	13.63



RIQAS

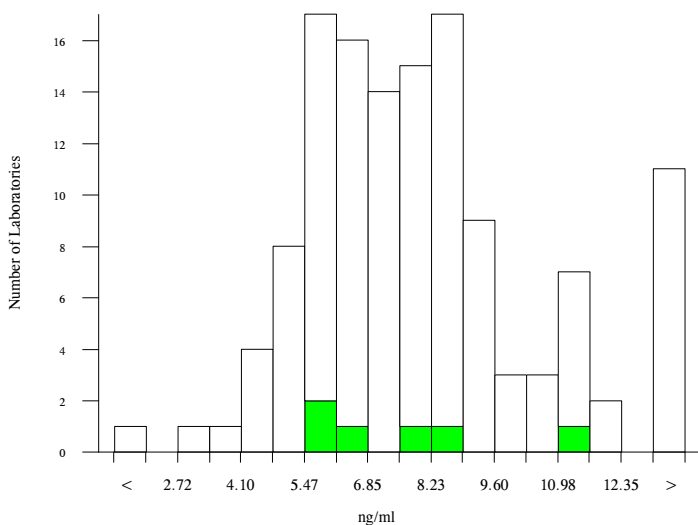


17-OH-Progesterone, ng/ml

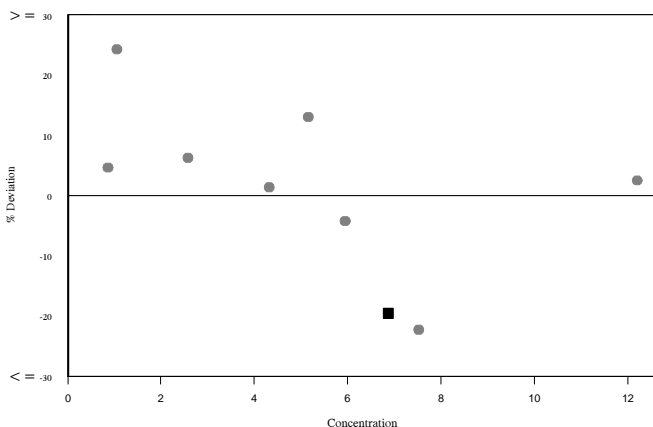
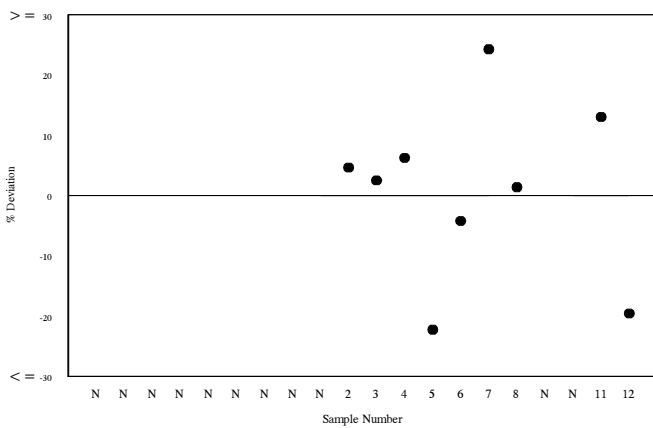
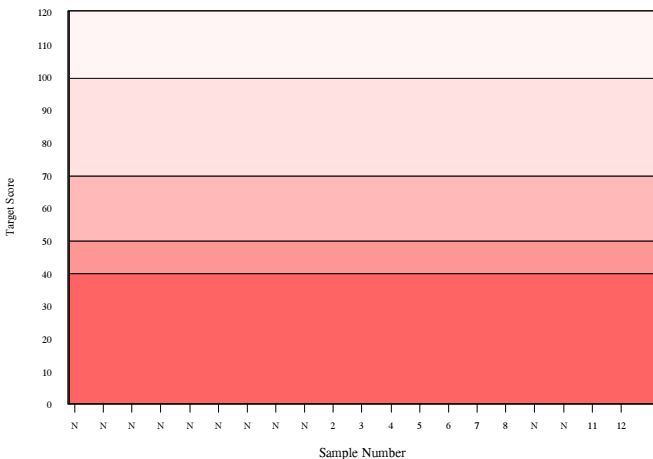
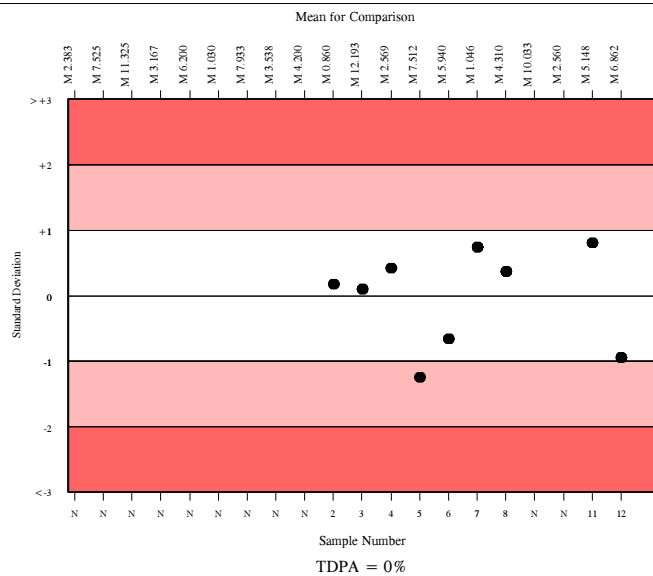
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	115	7.543	24.3	0.21	1.83	14
DiaMetra ELISA	5	6.862	18.0	0.69	1.41a	1

▲ Your Result	5.520	SDI RMSDI	-0.95 Too Few
■ Mean for Comparison	6.862	TS RMTS	N/A Too Few
		%DEV RM%DEV	-19.6 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	26	8.647	13.8	0.29
ELISA	13	7.801	15.2	0.41
SNIBE Maglumi analysers	12	6.302	3.7	0.08
Immunotech RIA	10	5.046	19.6	0.39
DIAsource, ELISA	8	8.572	17.9	0.68
IBL ELISA	10	9.650	26.4	1.01
DIAsource, RIA	7	8.805	25.1	0.81
DiaMetra ELISA	5	6.862	18.0	0.69
Novatec ELISA	5	8.004	5.0	0.22
CIS, RIA Coated tube	3	5.997	4.5	0.19
MP Biomedicals RIA	3	6.067	13.2	0.58
Beckman Coulter RIA	2	5.755	9.7	0.49
Monobind Inc. ELISA / CLIA	2	7.565	36.9	2.47

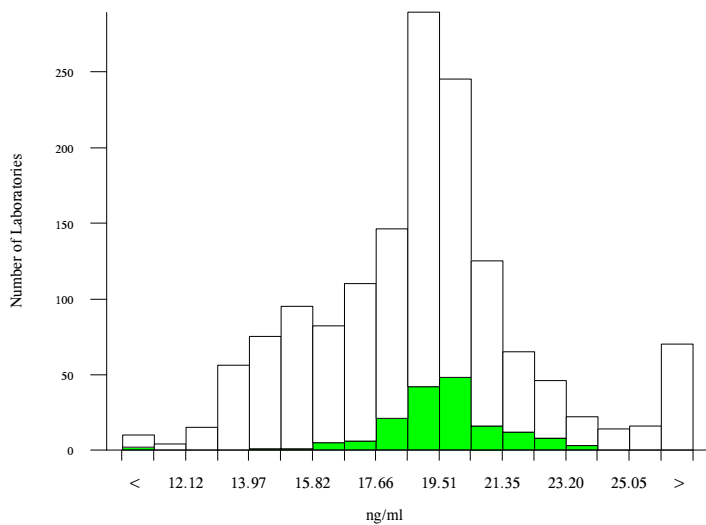
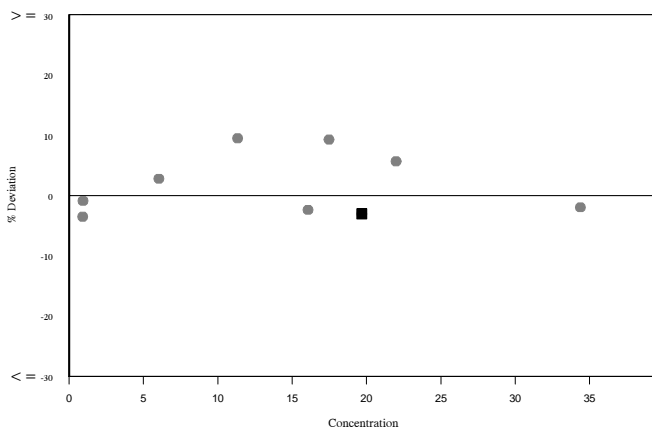
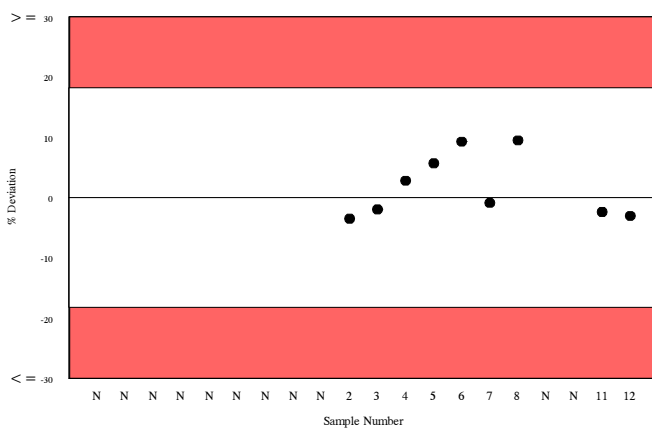
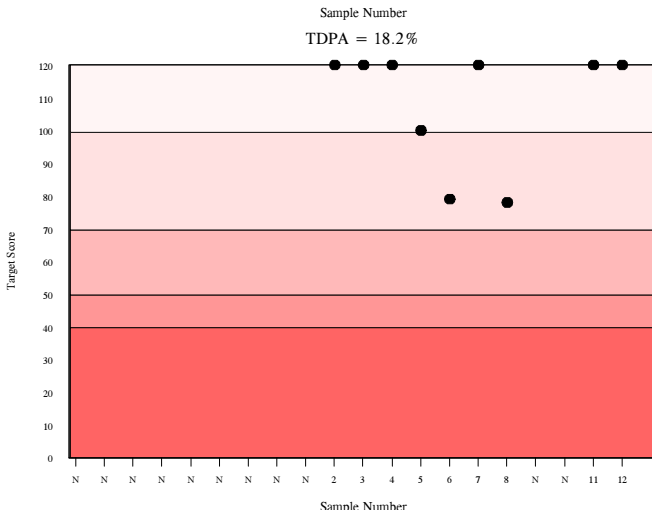
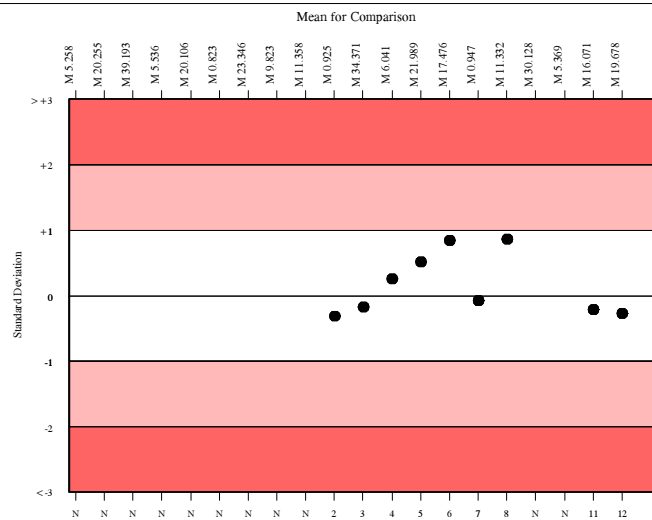


Progesterone, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1376	18.589	13.2	0.08	2.06	109
Roche Cobas 4000/e411 (Prog. II)	150	19.678	6.2	0.13	2.18	15

▲ Your Result	19.080	SDI	-0.27
		RMSDI	Too Few
■ Mean for Comparison	19.678	TS	120
		RMTS	Too Few
		%DEV	-3.0
		RM%DEV	Too Few

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



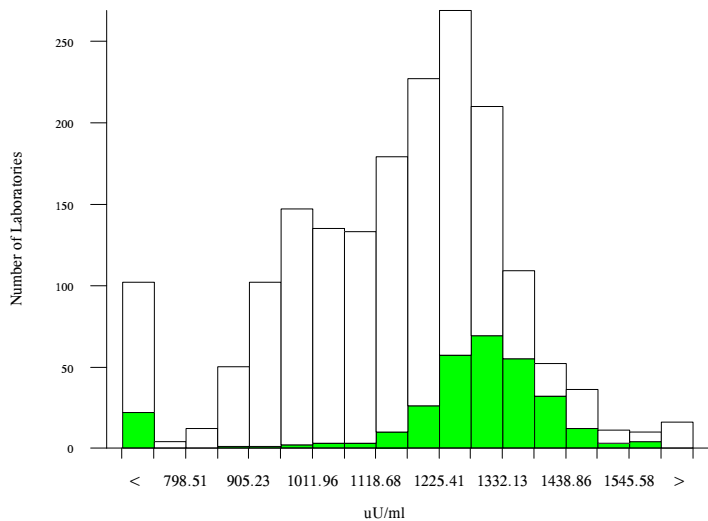
Method	N	Mean	CV%	U _m
Abbott Architect	228	17.386	7.6	0.11
Roche Cobas 6000/8000 (Prog. II)	181	19.594	4.6	0.08
Roche Cobas 4000/e411 (Prog. II)	150	19.678	6.2	0.13
Roche Cobas 6000/8000 (Prog. III)	133	19.652	4.2	0.09
Siemens Centaur XP/XPT/Classic	127	14.396	6.4	0.10
Beckman DXI Prog. Cal 33555	100	19.833	8.7	0.21
bioMerieux, VIDAS	76	27.466	6.5	0.26
Roche Cobas 4000/e411 (Prog. III)	61	19.553	3.2	0.10
Siemens/DPC Immulite 2000/2500	55	14.660	6.1	0.15
Beckman Access Prog. Cal 33555	45	20.324	9.5	0.36
Siemens/DPC Immulite 1000	30	17.878	14.8	0.60
Roche Elecsys (Prog. II)	27	19.480	9.9	0.46
Ortho Vitros 3600/5600/ECi	23	21.437	5.1	0.28
Beckman DXI Prog.DE Cal. A80773	24	18.390	10.0	0.47
SNIBE Maglumi analysers	21	21.704	4.8	0.28
Tosoh	19	22.443	12.1	0.78
DiaSorin, Liaison	12	17.540	11.0	0.69
Siemens Centaur CP	11	14.617	8.5	0.47
Roche Modular E170 (Prog. III)	9	19.463	5.5	0.45
Roche Modular E170 (Prog. II)	6	19.824	1.1	0.11
Beckman Access Prog.DE Cal. A80773	6	17.184	8.0	0.70

Prolactin, uU/ml

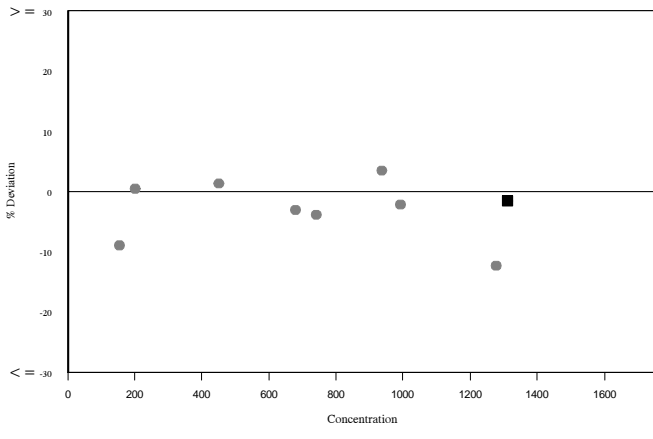
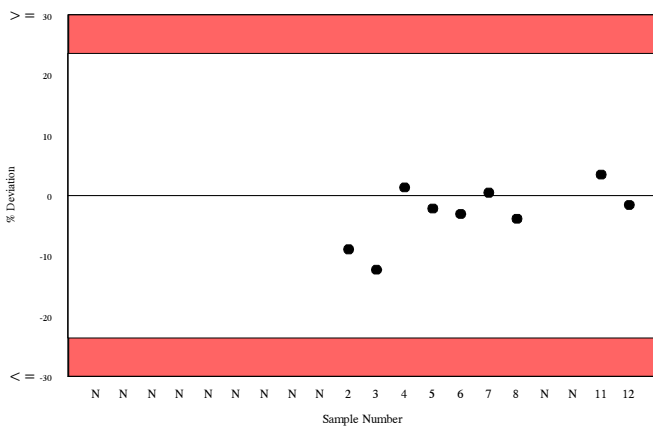
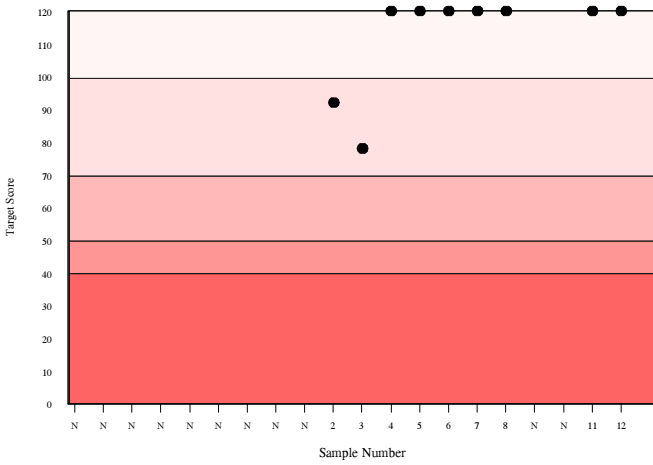
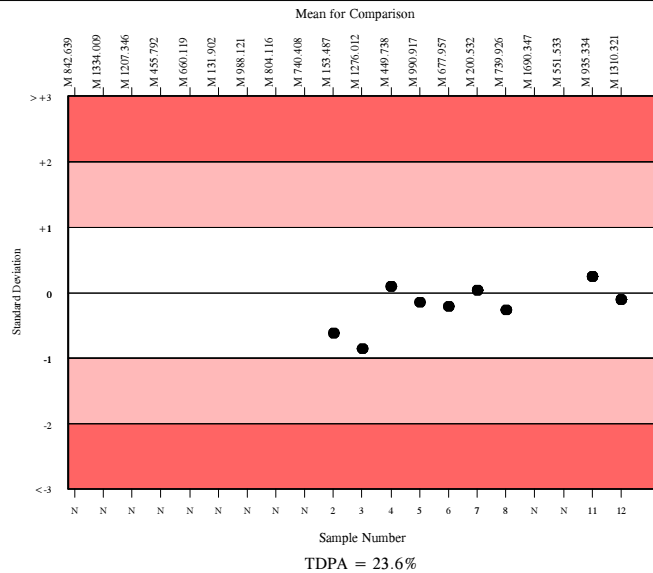
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1641	1172.051	12.1	4.39	168.16	163
Roche Cobas 4000/e411	260	1310.321	5.7	5.81	188.00	40

▲ Your Result	1290.000	SDI	-0.11
		RMSDI	Too Few
■ Mean for Comparison	1310.321	TS	120
		RMTS	Too Few
		%DEV	-1.6
		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	316	1249.389	3.7	3.23
Roche Cobas 4000/e411	260	1310.321	5.7	5.81
Abbott Architect	242	1153.046	5.4	5.00
Siemens Centaur XP/XPT/Classic	163	960.175	5.9	5.59
Beckman DxI 600/800	134	992.913	5.9	6.34
bioMerieux, VIDAS	68	1324.353	7.3	14.71
Siemens/DPC Immulite 2000/2500	46	1078.348	5.1	10.15
Roche Elecsys/E170/Cobas 6000/8000 PRLII	43	1242.730	4.8	11.48
Beckman Access/LXi725	45	1010.547	6.7	12.55
Roche Elecsys	32	1292.865	6.4	18.32
Abbott Architect (Re-standardised)	37	1153.839	4.1	9.63
Ortho Vitros 3600/5600/ECi	36	986.002	4.6	9.40
Siemens/DPC Immulite 1000	26	1109.340	8.2	22.34
Tosoh	25	1259.187	13.1	41.09
DiaSorin, Liaison	15	1212.939	4.8	18.94
SNIBE Maglumi analysers	17	1270.825	3.9	15.18
Siemens Centaur CP	15	987.247	9.4	29.98
Fujirebio Lumipulse G Series	8	1304.380	2.5	14.63
Roche Modular E170	8	1235.008	3.3	18.17
Immunotech IRMA	8	1180.411	3.9	20.42
ELISA	5	1447.245	43.5	352.11

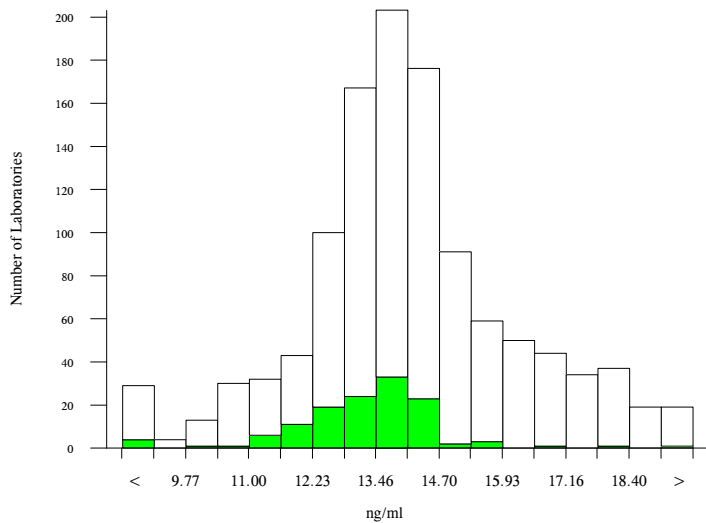


PSA, Free, ng/ml

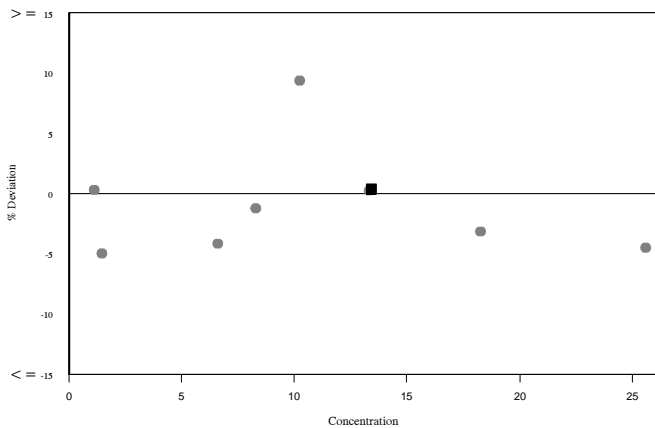
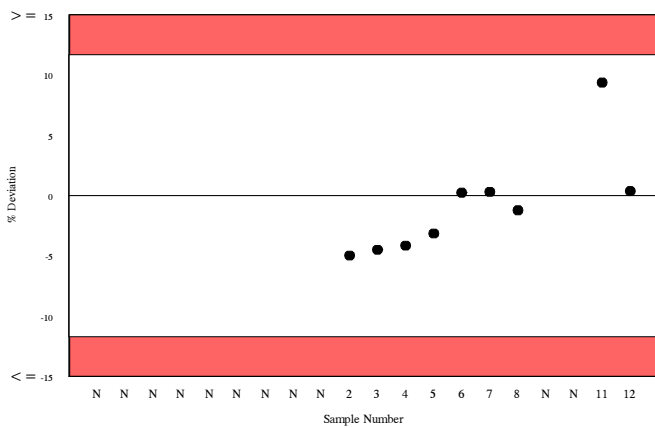
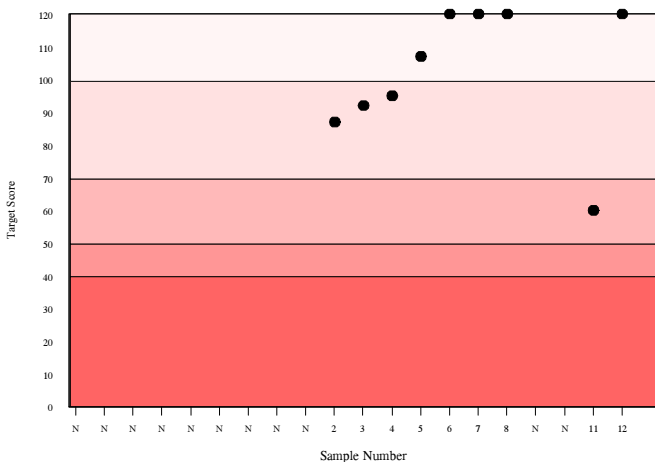
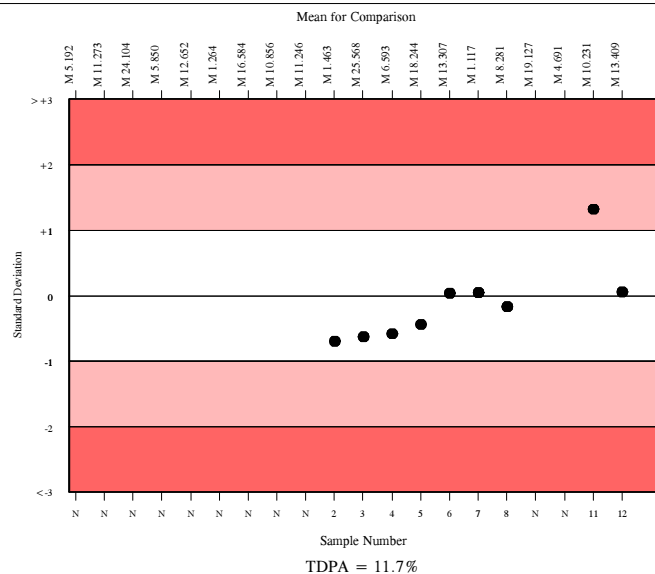
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1057	14.086	11.7	0.06	1.00	105
Roche Cobas 4000/e411	114	13.409	6.1	0.10	0.95	16

▲ Your Result	13.460	SDI	0.05
		RMSDI	Too Few
■ Mean for Comparison	13.409	TS	120
		RMTS	Too Few
		%DEV	0.4
		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	254	13.250	4.2	0.04
Abbott Architect	216	14.639	5.7	0.07
Roche Cobas 4000/e411	114	13.409	6.1	0.10
Siemens Centaur XP/XPT/Classic	118	14.315	4.7	0.08
Beckman DXI standardised to Hybritech	108	17.260	5.3	0.11
Beckman Access standardised to Hybritech	41	17.241	6.8	0.23
Siemens/DPC Immulite 2000/2500	33	10.785	6.2	0.14
BioMerieux VIDAS	18	17.845	9.5	0.50
Roche Elecsys	24	13.721	6.2	0.22
SNIBE Maglumi analysers	20	14.513	4.1	0.17
DiaSorin, Liaison	16	4.966	10.1	0.16
TOSOH	15	12.048	4.1	0.16
Roche Modular E170	14	13.567	7.5	0.34
Siemens/DPC Immulite 1000	12	10.579	8.5	0.33
Fujirebio Lumipulse G Series	9	11.306	4.5	0.21
Ortho Vitros 3600/5600/ECi PSA II	7	12.361	6.0	0.35
Ortho Vitros 3600/5600/ECi	7	12.000	5.5	0.31
Beckman DXI standard to WHO IRP96/670	5	13.744	4.6	0.35
Siemens Dimension	5	13.120	6.9	0.51
DiaSorin Liaison XL	4	4.820	1.2	0.04
CIS, RIA Coated tube	4	11.338	5.6	0.40



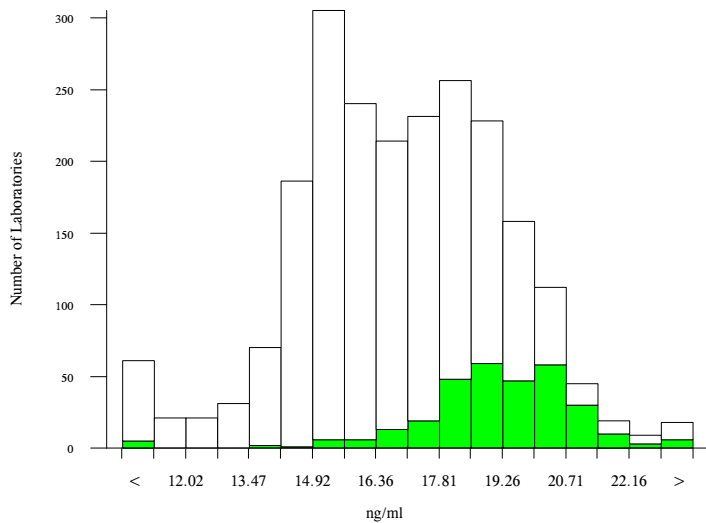
RIQAS

PSA, Total, ng/ml

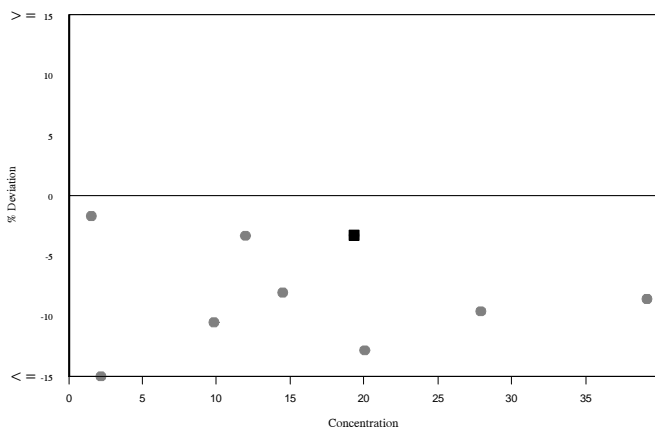
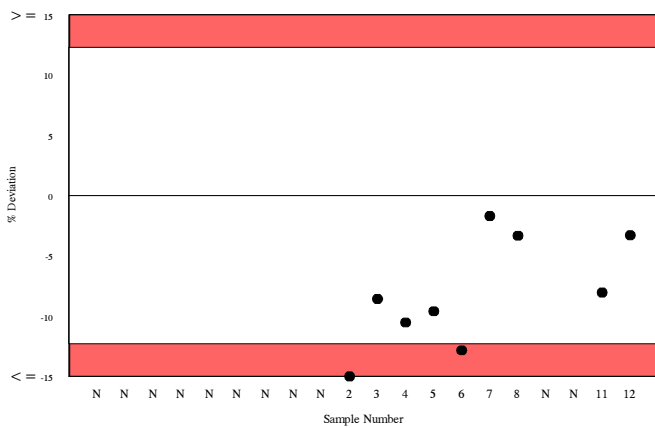
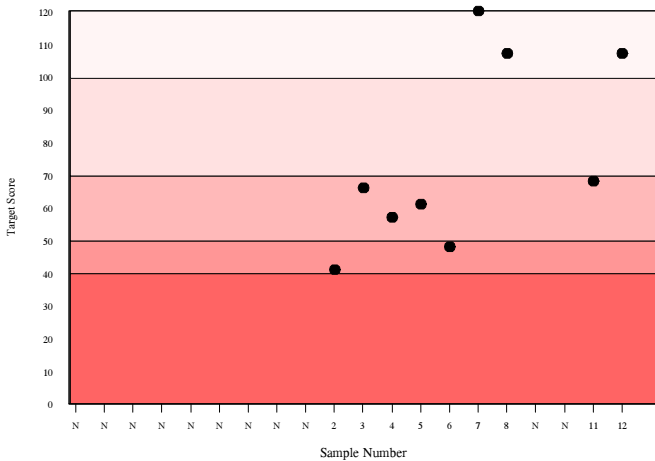
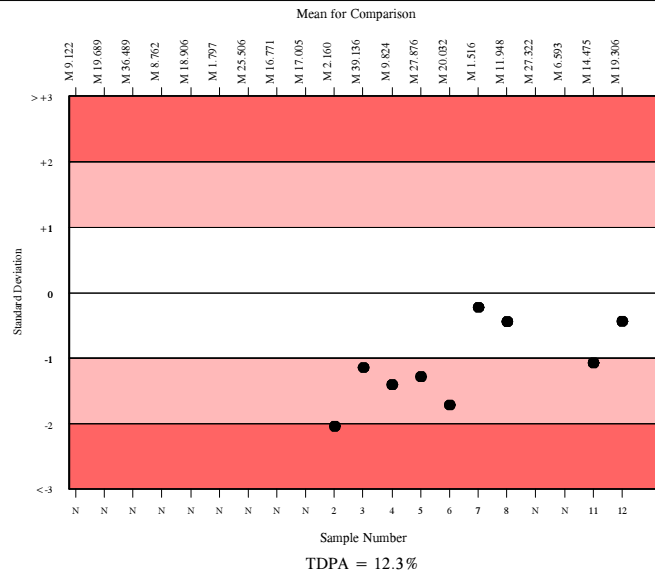
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2078	17.093	11.3	0.05	1.28	147
Roche Cobas 4000/e411	287	19.306	6.6	0.09	1.44	26

▲ Your Result	18.670	SDI	-0.44
		RMSDI	Too Few
■ Mean for Comparison	19.306	TS	107
		RMTS	Too Few
		%DEV	-3.3
		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	467	18.501	5.0	0.05
Abbott Architect	398	15.579	5.3	0.05
Roche Cobas 4000/e411	287	19.306	6.6	0.09
Siemens Centaur XP/XPT/Classic	218	15.098	5.2	0.07
Beckman DXI standardised to Hybritech	155	16.418	5.9	0.10
Beckman Access standardised to Hybritech	77	16.815	5.5	0.13
Roche Elecsys	50	18.812	6.1	0.20
bioMerieux, Vidas TPSA	42	18.265	7.3	0.26
Siemens Immulite 2000/2500, Total PSA	44	16.379	7.6	0.23
Ortho Vitros 3600/5600/ECi PSA II	35	17.567	4.7	0.18
Tosoh	31	12.227	8.5	0.23
Siemens Centaur CP	27	14.793	4.9	0.18
Siemens Immulite 1000, Total PSA	28	13.889	7.9	0.26
SNIBE Maglumi analysers	27	19.521	9.9	0.47
DiaSorin, Liaison	25	5.744	8.5	0.12
Beckman DXI standard to WHO IRP96/670	19	12.935	6.2	0.23
Ortho Vitros 3600/5600/ECi	18	17.933	4.7	0.25
Roche Modular E170	15	18.143	4.4	0.26
bioMerieux, VIDAS	14	18.192	9.0	0.55
Beckman Access standard to WHO IRP96/670	13	16.736	5.2	0.30
CIS, RIA Coated tube	10	15.559	2.3	0.14

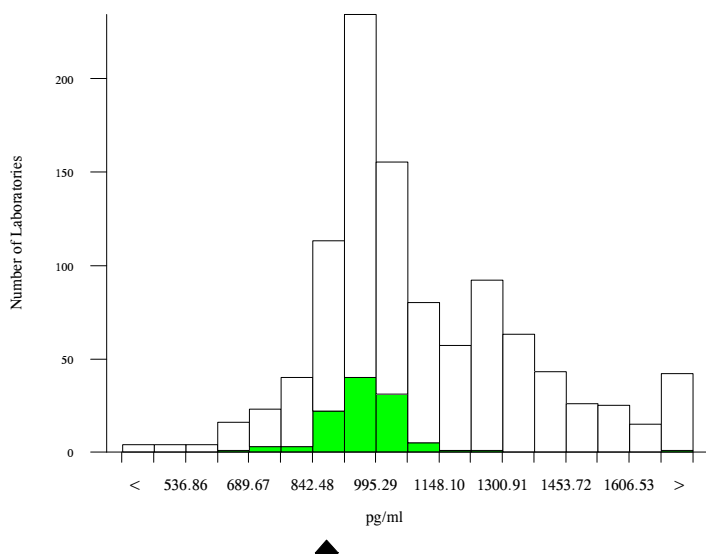


Parathyroid hormone, pg/ml

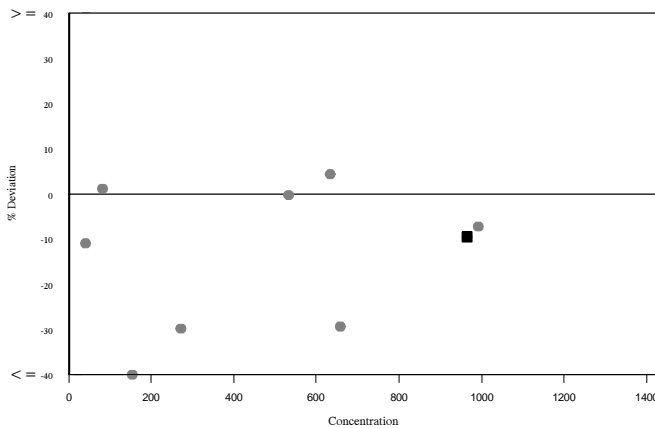
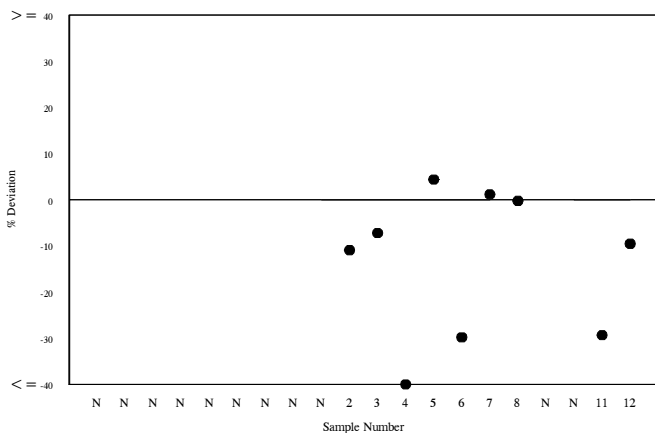
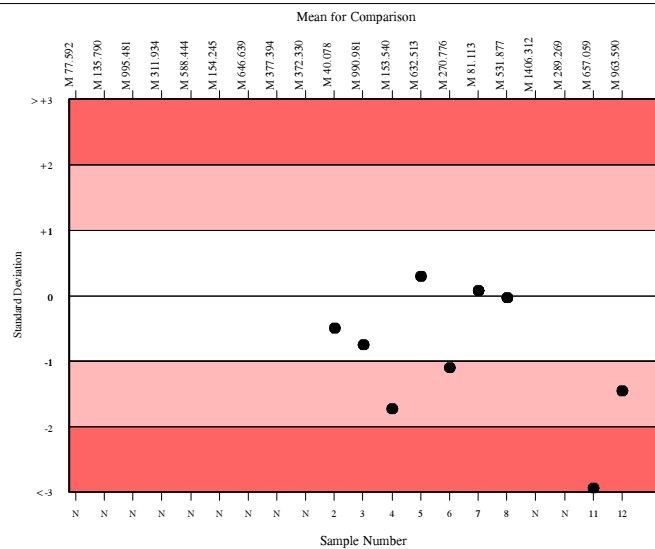
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	966	1071.702	19.0	8.19	203.75	71
Roche Cobas 4000/e411 PTH/PTH STAT	100	963.590	6.5	7.89	63.10	8

▲ Your Result	871.700	SDI	-1.46
		RMSDI	Too Few
■ Mean for Comparison	963.590	TS	N/A
		RMTS	N/A
		%DEV	-9.5
		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	172	945.349	5.1	4.60
Abbott Architect	137	1267.622	7.1	9.59
Beckman Dxi 600/800	101	1035.320	5.9	7.66
Roche Cobas 4000/e411 PTH/PTH STAT	100	963.590	6.5	7.89
Siemens Centaur XP/XPT/Classic	95	1343.018	11.2	19.33
Roche Cobas 6000/8000 PTH (1-84)	64	898.899	12.1	17.00
Roche Cobas 4000/e411 PTH (1-84)	55	922.236	10.5	16.35
Siemens/DPC Immulite 2000	38	1714.350	7.4	25.71
Roche Elecsys PTH/PTH STAT	25	937.850	5.6	13.22
Beckman Access/LXi725	23	1077.308	6.3	17.79
SNIBE Maglumi analysers	15	1415.740	2.7	12.12
Tosoh	16	1051.825	7.4	24.40
DiaSorin, Liaison 1-84 PTH	16	706.155	11.8	26.02
Ortho Vitros 3600/5600/ECi	15	1266.341	3.9	16.03
Siemens/DPC Immulite 1000	16	1490.993	12.9	59.93
Roche Modular E170 PTH/PTH STAT	7	917.798	2.8	11.98
Siemens Centaur CP	9	1405.144	7.4	43.38
CIS IRMA	7	875.665	13.0	53.94
Roche Elecsys PTH (1-84)	5	909.106	10.1	51.24
DiaSorin Liaison XL 1-84 PTH	5	778.499	9.8	42.76
DiaSorin, Liaison N-TACT PTH II	4	1546.750	15.4	148.56

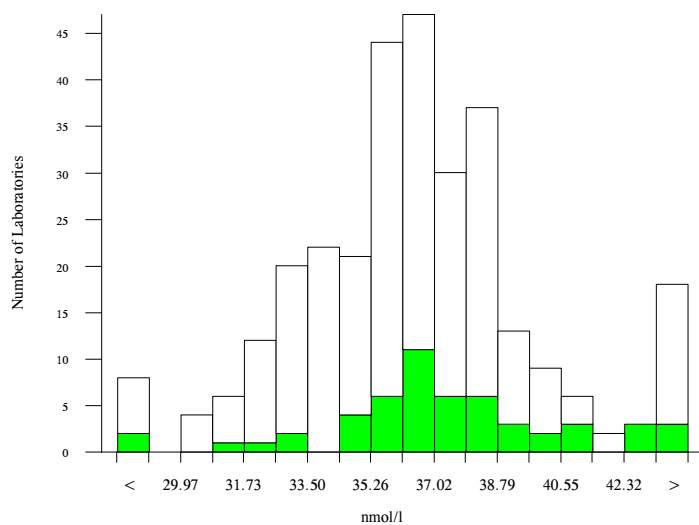


Sex Hormone Binding Globulin, nmol/l

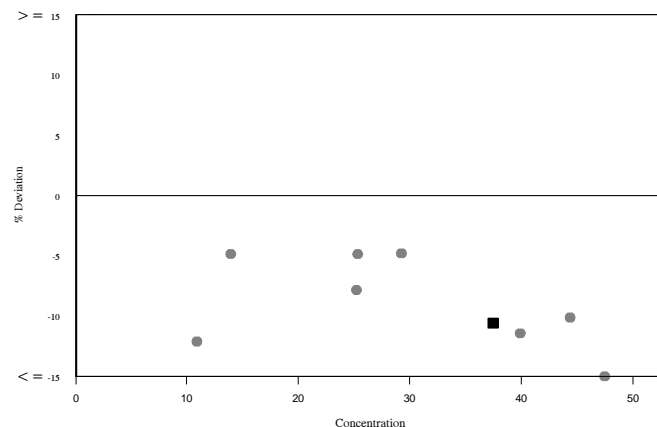
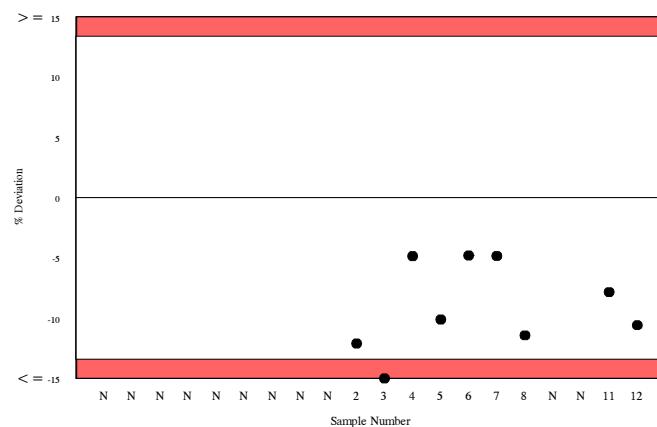
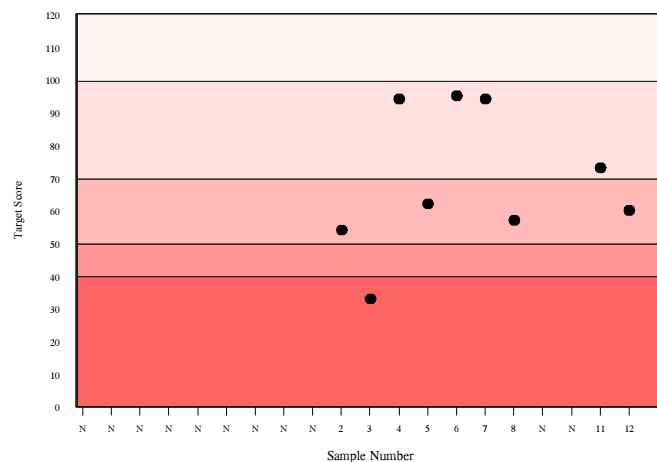
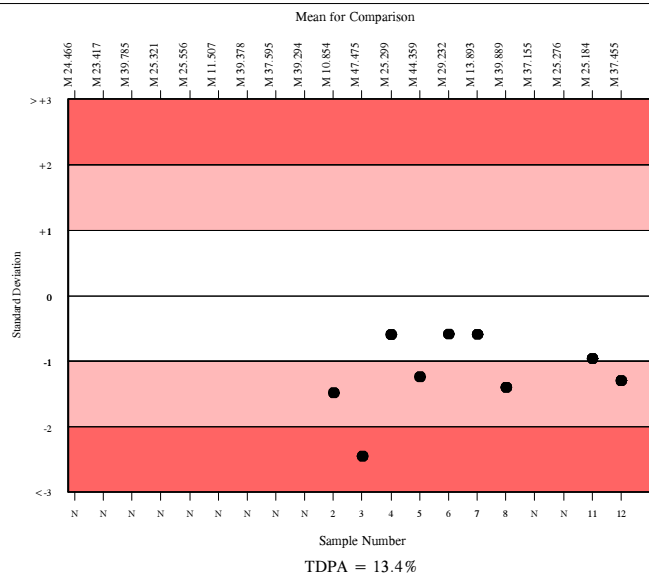
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	273	36.147	6.5	0.18	2.94	29
Roche Cobas 4000/e411	47	37.455	6.3	0.43	3.05	6

▲ Your Result	33.490	SDI RMSDI	-1.30 Too Few
■ Mean for Comparison	37.455	TS RMTS	60 Too Few
		%DEV RM%DEV	-10.6 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	71	37.078	3.6	0.20
Roche Cobas 4000/e411	47	37.455	6.3	0.43
Abbott Architect	43	35.439	6.8	0.46
Siemens/DPC Immulite 2000/2500	40	35.394	5.7	0.40
Beckman DXI 600/800	26	35.349	6.6	0.57
Siemens Centaur (Ref 10997191)	10	33.687	5.1	0.68
Siemens Centaur (Ref 06520781)	11	49.533	15.9	2.98
Roche Modular E170	9	36.213	5.5	0.83
Siemens/DPC Immulite 1000	6	32.633	4.4	0.74
Roche Elecsys	6	38.445	4.0	0.79
ELISA	3	31.900	16.4	3.78
Beckman Access	2	33.650	3.2	0.94

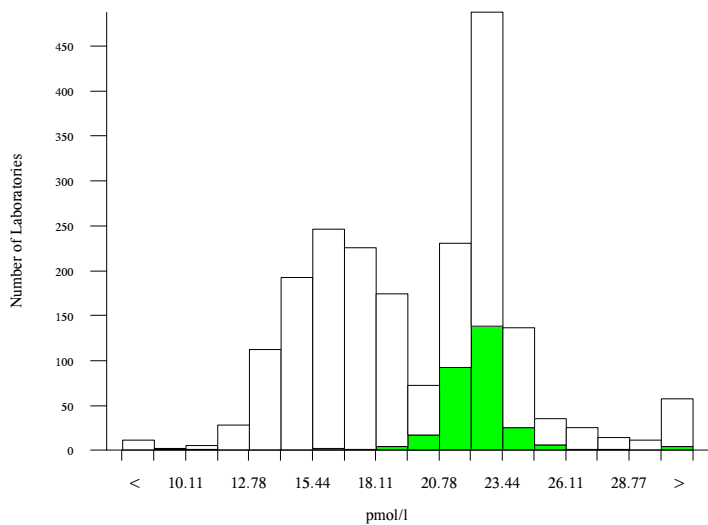


Free T3, pmol/l

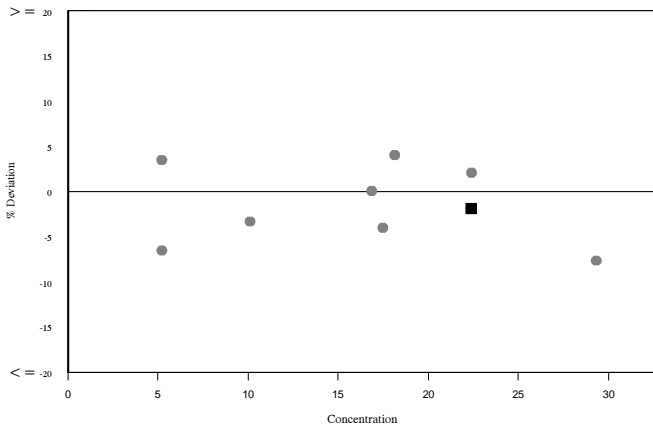
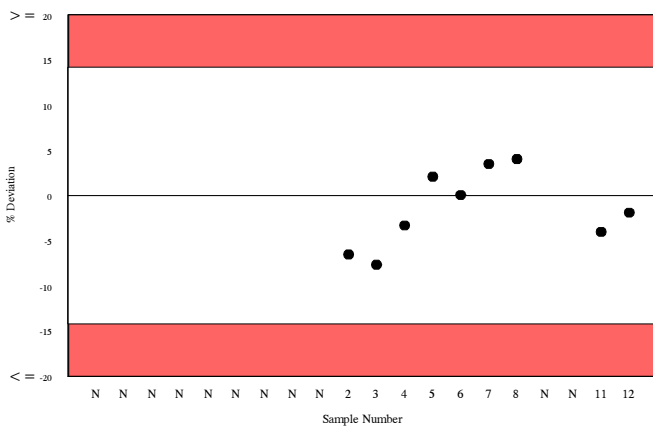
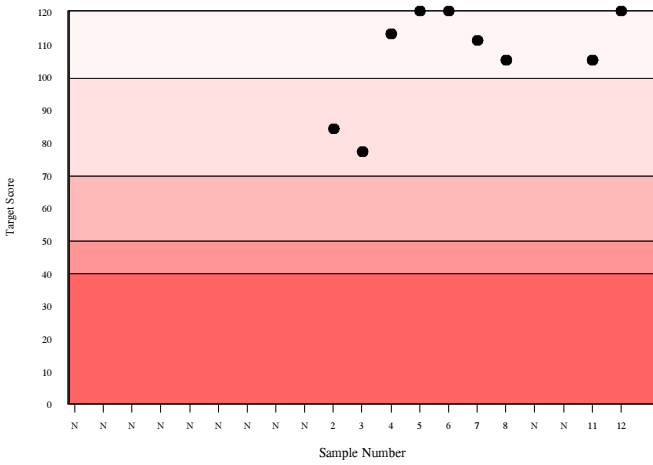
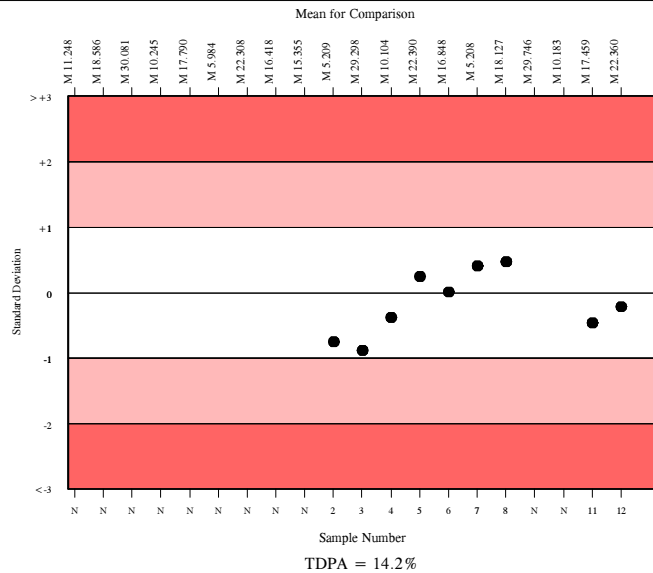
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1955	19.447	18.3	0.10	1.68	122
Roche Cobas 4000/e411	262	22.360	3.6	0.06	1.93	31

▲ Your Result	21.940	SDI	-0.22
		RMSDI	Too Few
■ Mean for Comparison	22.360	TS	120
		RMTS	Too Few
		%DEV	-1.9
		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	446	22.723	2.8	0.04
Abbott Architect	357	16.640	8.5	0.09
Roche Cobas 4000/e411	262	22.360	3.6	0.06
Siemens Centaur XP/XPT/Classic	212	18.012	4.9	0.08
Beckman DxI 600/800	169	14.090	6.9	0.09
Roche Elecsys	60	22.372	4.7	0.17
Beckman Access/LXi725	63	15.465	5.7	0.14
BioMerieux VIDAS	56	18.464	9.4	0.29
DiaSorin, Liaison	38	27.249	8.7	0.48
Ortho Vitros 3600/5600/ECi	31	35.018	0.2	0.01
Siemens/DPC Immulite 2000/2500	32	13.640	6.5	0.20
Siemens Centaur CP	33	17.113	5.1	0.19
Tosoh	28	26.340	9.8	0.61
SNIBE Maglumi analysers	26	15.709	5.8	0.22
Roche Modular E170	14	22.888	1.6	0.13
Siemens/DPC Immulite 1000	12	13.634	5.8	0.29
DiaSorin Liaison XL	8	28.493	3.2	0.40
Fujirebio Lumipulse G Series	9	22.793	4.0	0.38
Siemens Dimension Vista LOCI	5	24.388	2.7	0.37
Abbott AxSYM	2	12.577	57.2	6.36
Siemens Dimension Exl LOCI	2	24.842	0.2	0.04



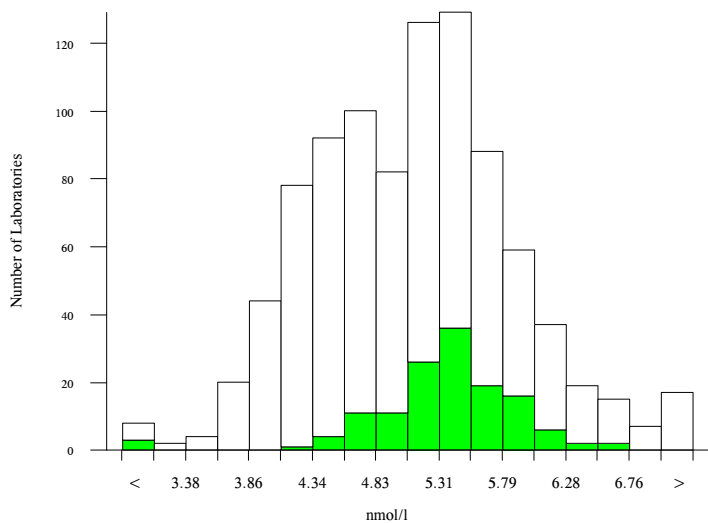
RIQAS

Total T3, nmol/l

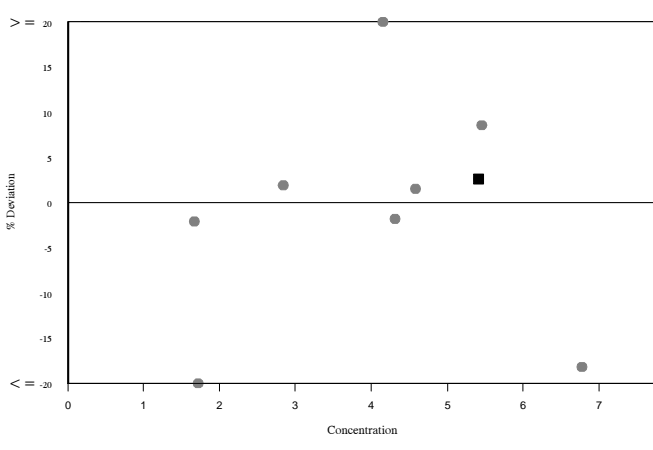
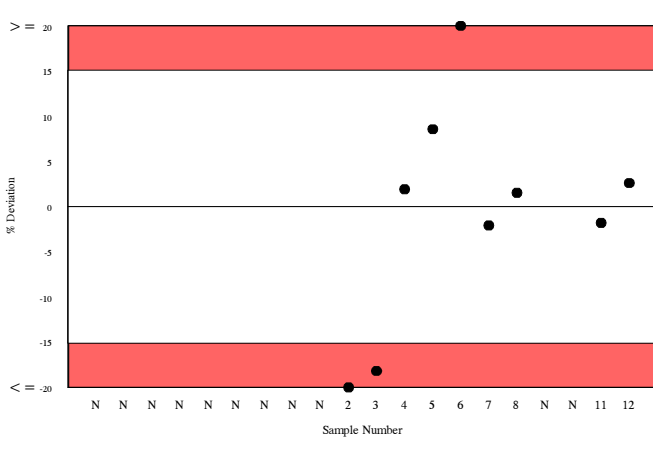
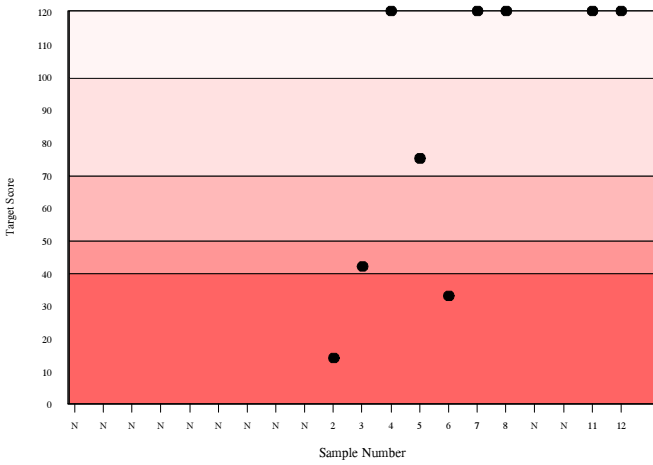
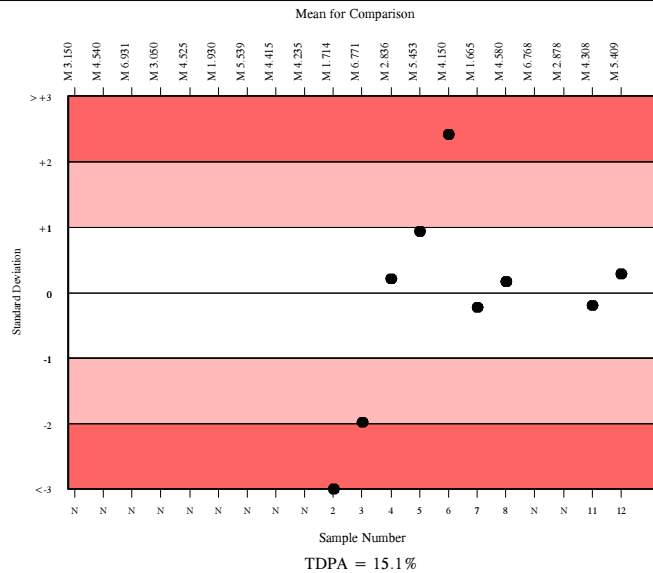
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	877	5.073	12.7	0.03	0.47	50
Roche Cobas 4000/e411	128	5.409	7.2	0.04	0.50	9

▲ Your Result	5.550	SDI	0.28
		RMSDI	Too Few
■ Mean for Comparison	5.409	TS	120
		RMTS	Too Few
		%DEV	2.6
		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
Roche Cobas 6000/8000	187	5.306	4.9	0.02
Abbott Architect	188	4.394	5.9	0.02
Roche Cobas 4000/e411	128	5.409	7.2	0.04
Siemens Centaur XP/XPT/Classic	75	5.757	5.1	0.04
Siemens/DPC Immulite 2000/2500	35	4.838	6.5	0.07
Ortho Vitros 3600/5600/ECi	31	6.035	4.1	0.06
Beckman Dxi 600/800	31	4.464	7.1	0.07
bioMerieux, VIDAS	28	5.177	3.7	0.05
Beckman Access/LXi725	28	4.502	6.7	0.07
SNIBE Maglumi analysers	22	6.609	6.4	0.11
Siemens Centaur CP	15	6.345	5.4	0.11
Siemens/DPC Immulite 1000	14	5.141	6.5	0.11
Roche Elecsys	15	5.720	17.2	0.32
Tosoh	12	4.820	9.0	0.16
CIS, RIA Coated tube	8	3.684	4.0	0.06
DiaSorin, Liaison	8	4.375	6.1	0.12
Immunotech RIA	7	3.988	5.5	0.10
ELISA	6	4.856	16.6	0.41
Roche Modular E170	5	5.085	2.6	0.07

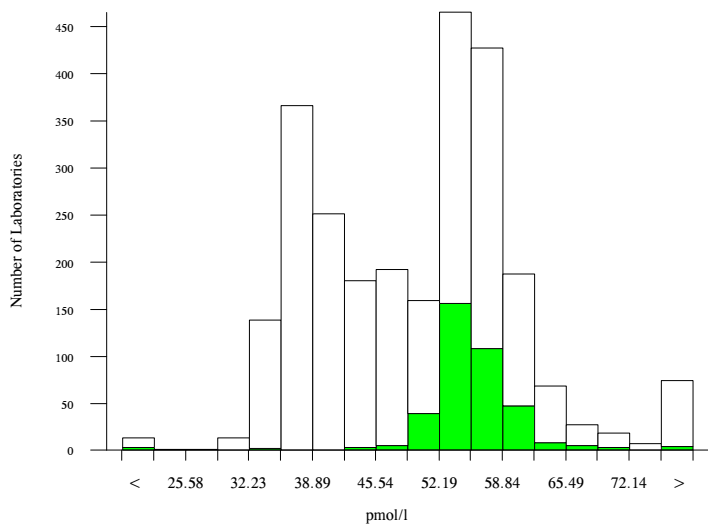


Free T4, pmol/l

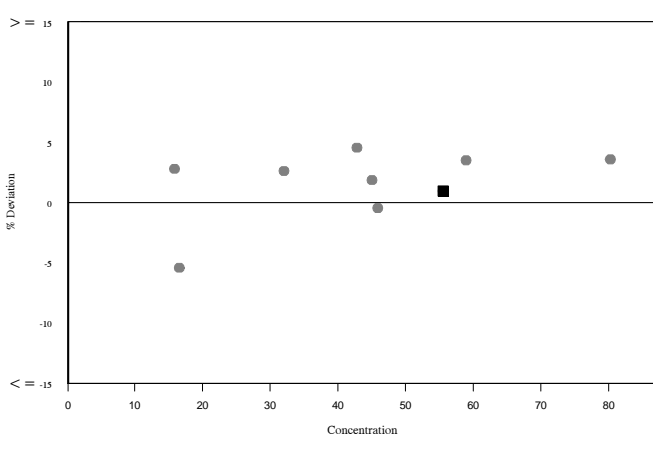
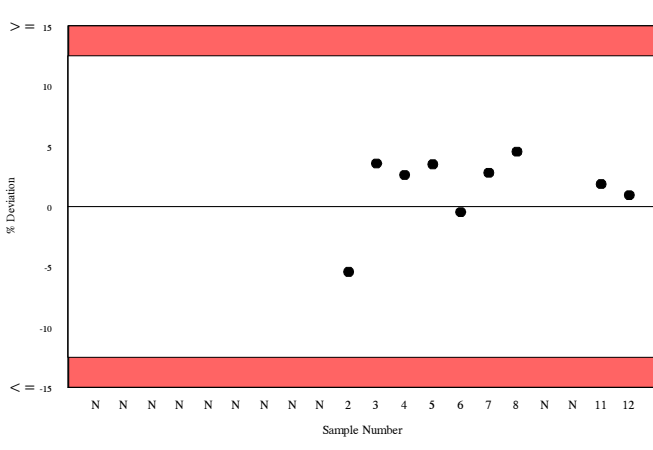
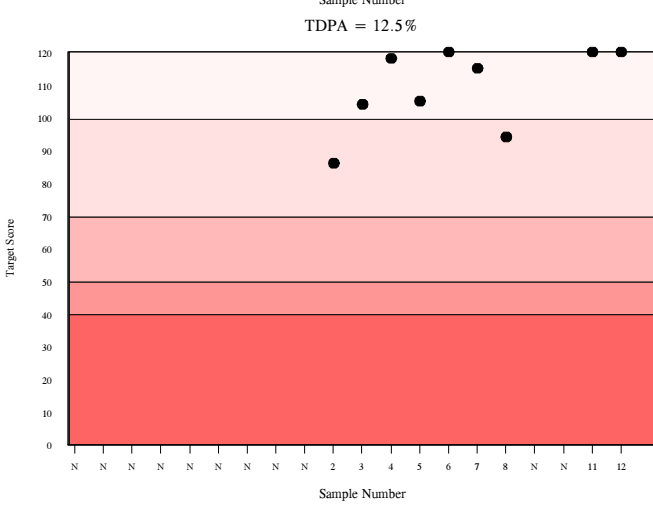
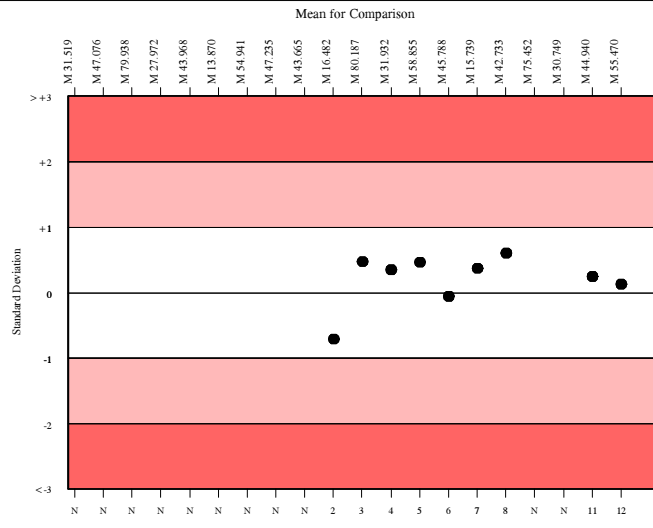
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2469	48.867	18.1	0.22	3.71	140
Roche Cobas 4000/e411	348	55.470	4.9	0.18	4.22	35

▲ Your Result	56.000	SDI	0.13
		RMSDI	Too Few
■ Mean for Comparison	55.470	TS	120
		RMTS	Too Few
		%DEV	1.0
		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	552	55.856	4.3	0.13
Abbott Architect	440	37.655	5.6	0.12
Roche Cobas 4000/e411	348	55.470	4.9	0.18
Siemens Centaur XP/XPT/Classic	247	37.822	6.0	0.18
Beckman DxI 600/800	207	46.784	3.9	0.16
Beckman Access/LXi725	100	43.764	4.5	0.25
Roche Elecsys	66	55.563	4.9	0.42
bioMerieux, VIDAS-FT4N Kit	55	61.718	4.3	0.45
Siemens/DPC Immulite 2000/2500	57	57.460	5.0	0.48
Ortho Vitros 3600/5600/ECi	37	89.855	0.2	0.04
Siemens Centaur CP	43	42.029	5.6	0.45
DiaSorin, Liaison	42	68.186	10.5	1.38
Tosoh	37	55.115	5.2	0.59
Siemens/DPC Immulite 1000	37	60.130	5.5	0.68
SNIBE Maglumi analysers	26	47.618	4.3	0.51
Roche Modular E170	14	54.991	2.2	0.40
DiaSorin Liaison XL	11	76.011	4.1	1.16
Fujirebio Lumipulse G Series	11	46.764	6.8	1.19
CIS, RIA Coated tube	7	48.363	1.8	0.41
Immunotech IRMA	6	44.614	3.0	0.68
ELISA	7	40.250	14.7	2.80



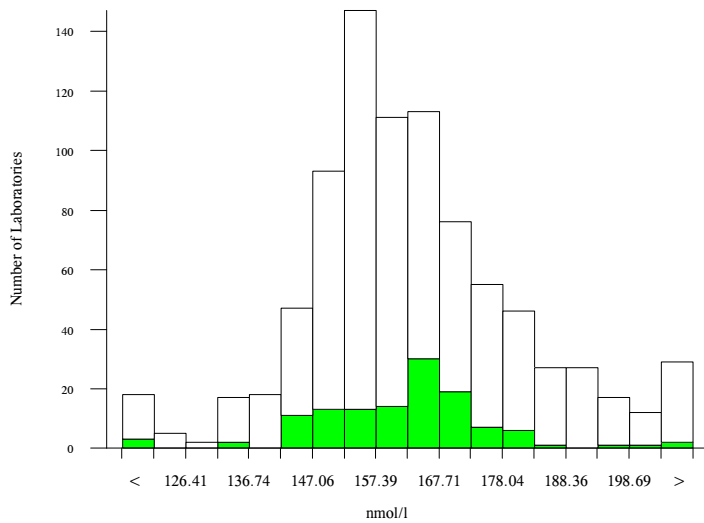
RIQAS

Total T4, nmol/l

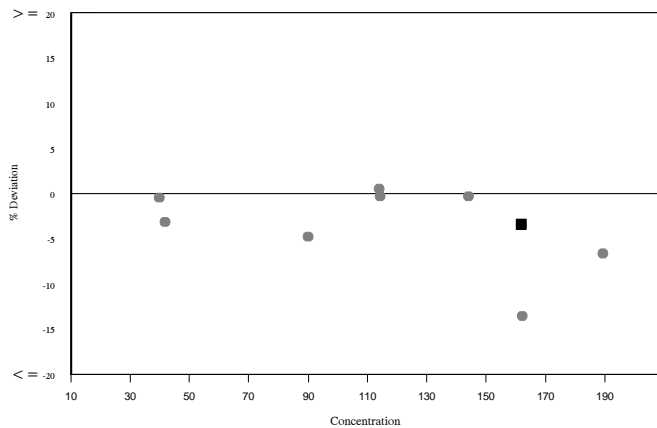
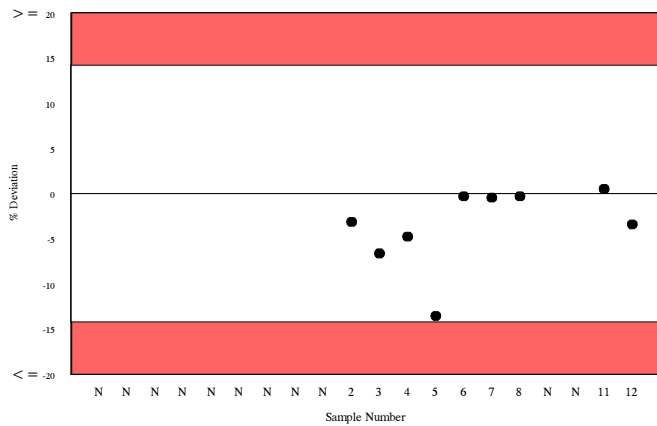
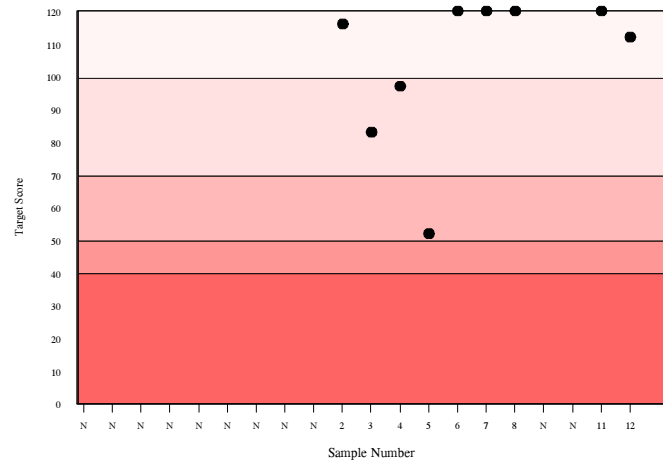
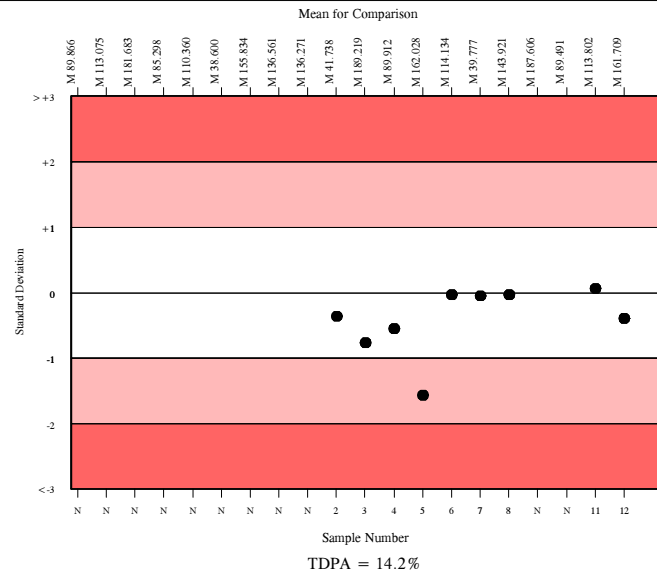
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	798	162.556	8.5	0.61	14.03	63
Roche Cobas 4000/e411	113	161.709	6.2	1.17	13.96	10

▲ Your Result	156.200	SDI	-0.39
		RMSDI	Too Few
■ Mean for Comparison	161.709	TS	112
		RMTS	Too Few
		%DEV	-3.4
		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	173	157.161	4.2	0.63
Roche Cobas 6000/8000	171	153.862	4.4	0.65
Roche Cobas 4000/e411	113	161.709	6.2	1.17
Siemens Centaur XP/XPT/Classic	66	174.372	5.8	1.56
Siemens/DPC Immulite 2000/2500	46	169.537	6.0	1.87
Ortho Vitros 3600/5600/ECi	31	175.861	4.5	1.76
bioMerieux, VIDAS	31	188.190	4.6	1.93
Beckman DxI 600/800	23	168.332	4.7	2.07
SNIBE Maglumi analysers	20	211.343	4.8	2.82
Beckman Access/LXi725	20	171.022	6.3	3.02
Siemens Centaur CP	16	186.055	3.0	1.77
Siemens/DPC Immulite 1000	11	165.529	9.5	5.93
Roche Elecsys	11	159.034	8.4	5.02
Tosoh	9	150.915	2.9	1.81
ELISA	7	131.278	15.9	9.84
CIS, RIA Coated tube	7	150.617	7.0	4.99
Immunotech RIA	7	132.839	8.2	5.16
DiaSorin, Liaison	7	142.577	10.4	7.04
Roche Modular E170	6	153.698	5.0	3.94
Fujirebio Lumipulse G Series	2	219.119	5.3	10.22
MP Biomedicals RIA	2	138.712	14.4	17.63

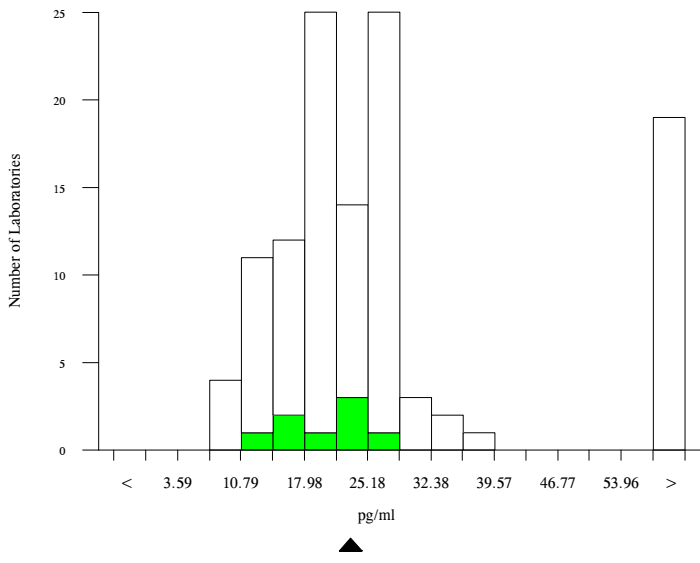


Free Testosterone (Pilot), pg/ml

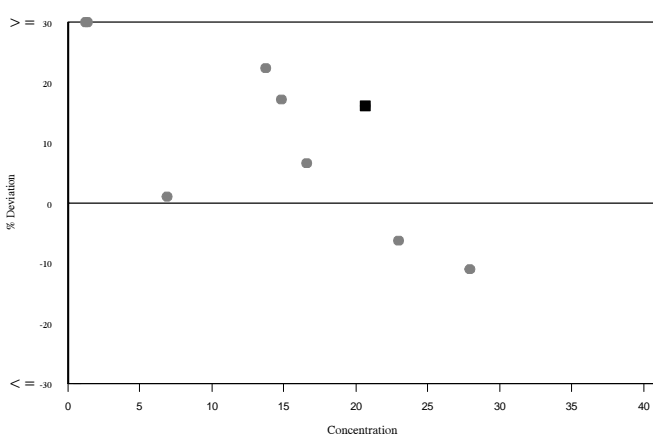
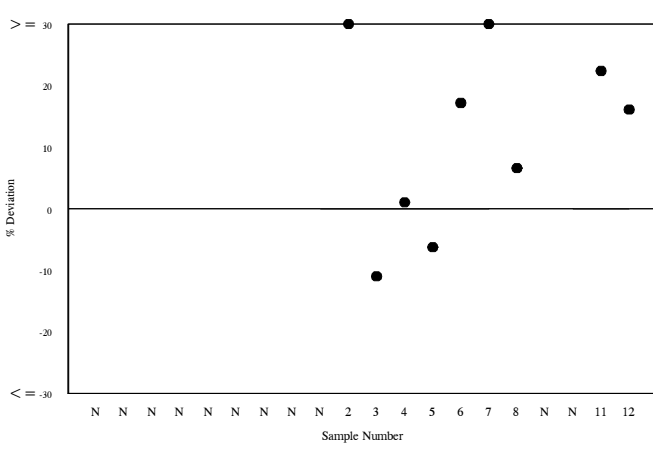
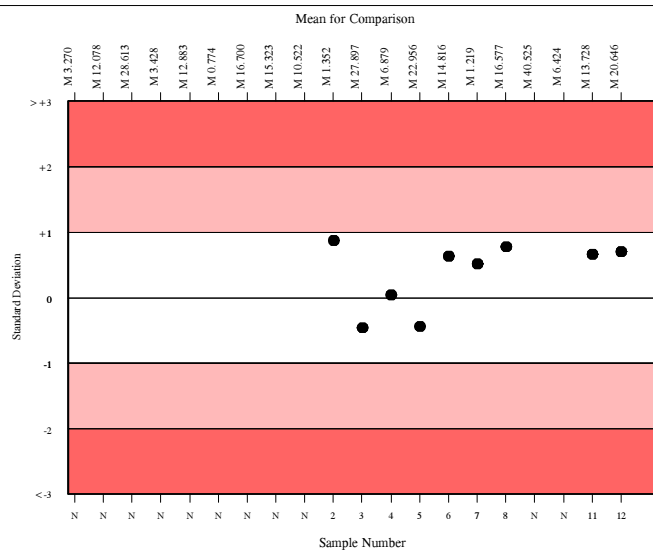
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	98	22.622	51.5	1.47	11.65	18
IBL ELISA	8	20.646	21.1	1.92	4.76a	0

▲ Your Result	23.970	SDI	0.70
		RMSDI	Too Few
■ Mean for Comparison	20.646	TS	N/A
		RMTS	N/A
		%DEV	16.1
		RM%DEV	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	18	26.428	3.1	0.24
DRG ELISA	15	20.561	33.0	2.19
Monobind Inc. ELISA / CLIA	15	19.559	25.8	1.63
Calculated	12	118.772	12.9	5.53
IBL ELISA	8	20.646	21.1	1.92
DIAsource, RIA	4	12.895	1.7	0.14
ELISA	4	18.978	1.7	0.20
Novatec ELISA	5	17.786	3.5	0.35
Diametra ELISA	4	19.972	13.0	1.63
DSL/Beckman Coulter, RIA	4	20.708	21.6	2.80
Roche Cobas 4000/e411	3	148.668	17.2	18.43
DBC, ELISA	3	19.263	51.7	7.19
DiaSorin (RIA)	2	20.100	48.5	8.62
Roche Cobas 6000/8000	2	147.983	17.5	22.87
DIAsource, ELISA	2	16.720	39.1	5.77
Radim RIA	2	28.940	41.3	10.57

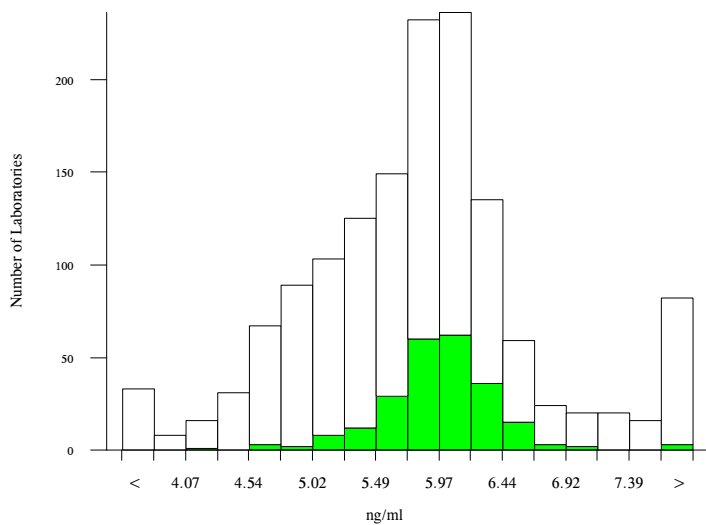


Testosterone, ng/ml

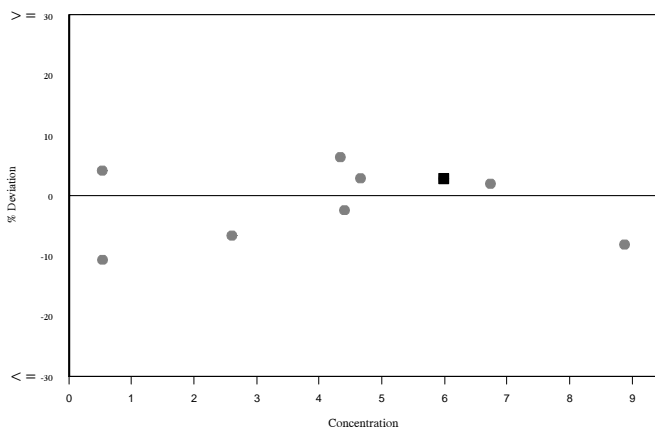
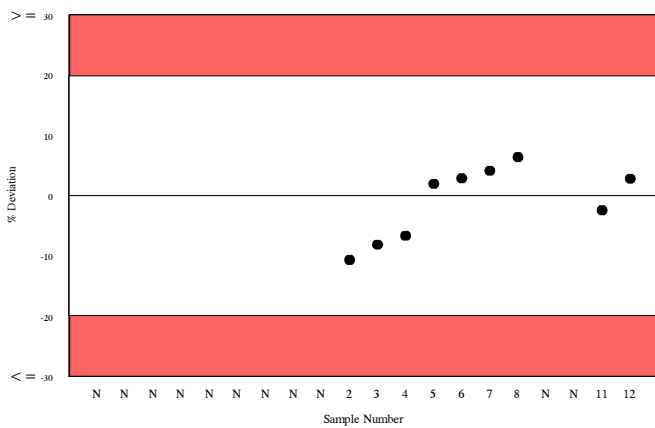
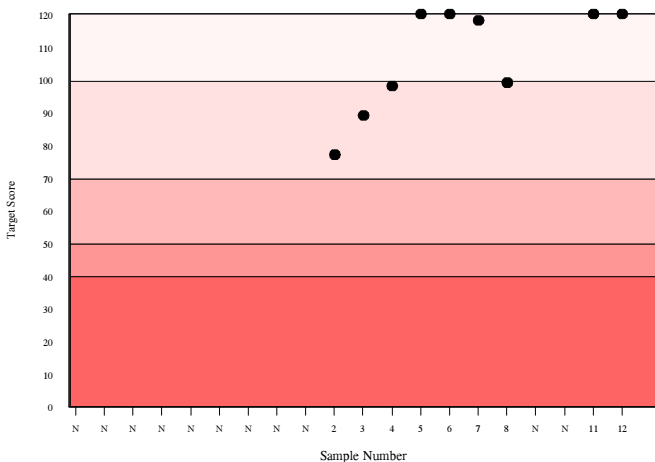
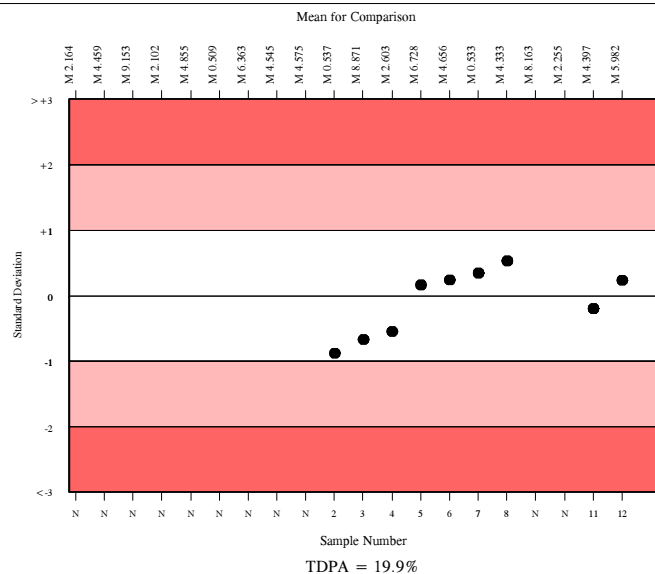
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1312	5.735	11.0	0.02	0.69	134
Roche Cobas 4000/e411 Test II	217	5.982	5.1	0.03	0.72	19

▲ Your Result	6.150	SDI	0.23
		RMSDI	Too Few
■ Mean for Comparison	5.982	TS	120
		RMTS	Too Few
		%DEV	2.8
		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	314	6.017	4.7	0.02
Roche Cobas 4000/e411 Test II	217	5.982	5.1	0.03
Abbott Architect	156	5.885	6.5	0.04
Beckman DxI 600/800	122	5.012	4.3	0.02
Siemens Centaur XP/XPT/Classic TSTO	85	4.893	10.9	0.07
Abbott Architect 2nd gen	68	5.782	6.0	0.05
Siemens/DPC Immulite 2000/2500	51	7.162	7.6	0.10
bioMerieux VIDAS Testosterone II	50	4.629	7.7	0.06
Roche Elecsys Test II	40	5.840	5.2	0.06
Beckman Access/LXi725	32	5.397	5.1	0.06
Ortho Vitros 3600/5600/ECi	24	7.907	3.7	0.07
bioMerieux, VIDAS	24	4.795	6.4	0.08
Siemens Centaur XP/XPT/Classic TSTII	25	5.273	5.4	0.07
TOSOH	22	8.451	7.1	0.16
SNIBE Maglumi analysers	18	5.828	2.8	0.05
Roche Modular E170 Test II	16	6.153	5.9	0.11
Siemens/DPC Immulite 1000	12	9.533	15.6	0.54
DiaSorin, Liaison	9	3.476	12.6	0.18
Siemens Centaur CP	9	5.017	7.4	0.16
CIS, RIA Coated tube	5	5.911	14.0	0.46
Fujirebio Lumipulse G Series	4	6.605	5.2	0.21

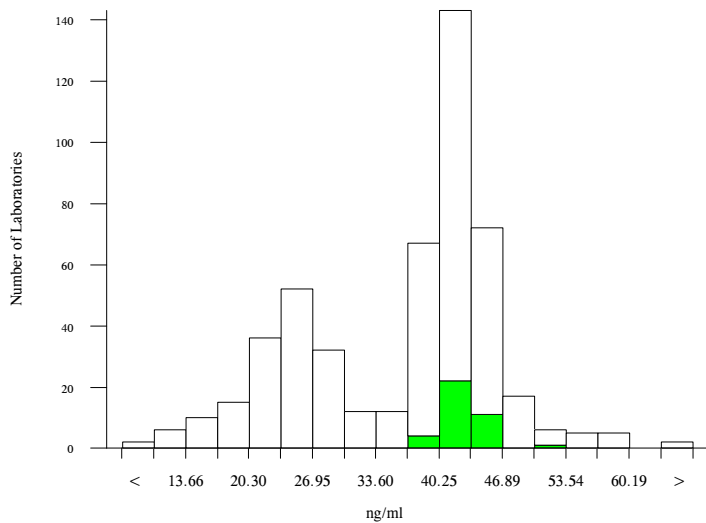


Thyroglobulin, ng/ml

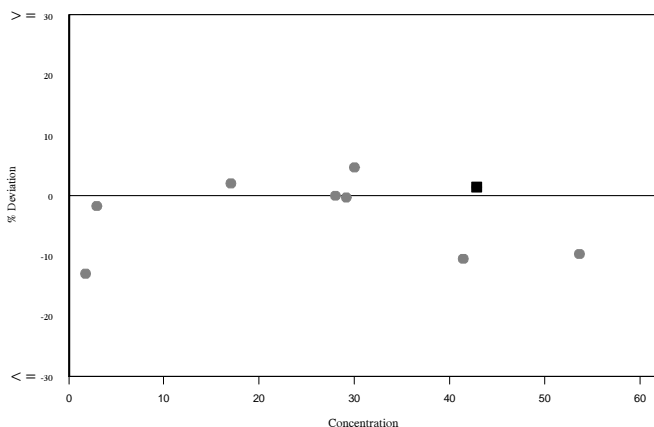
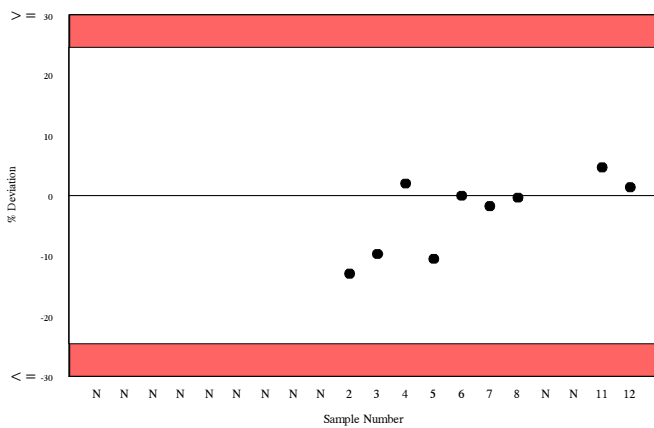
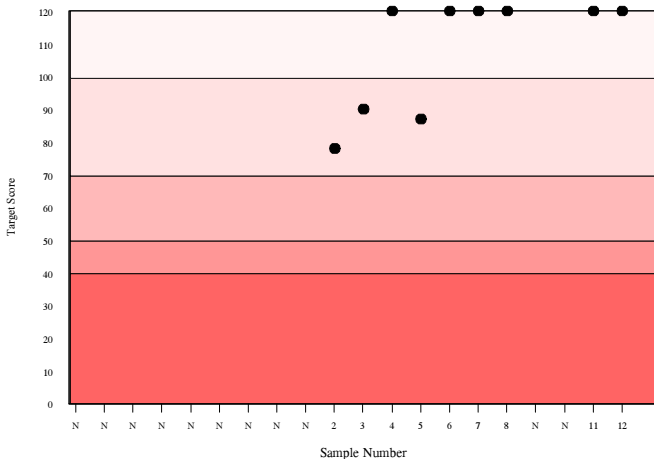
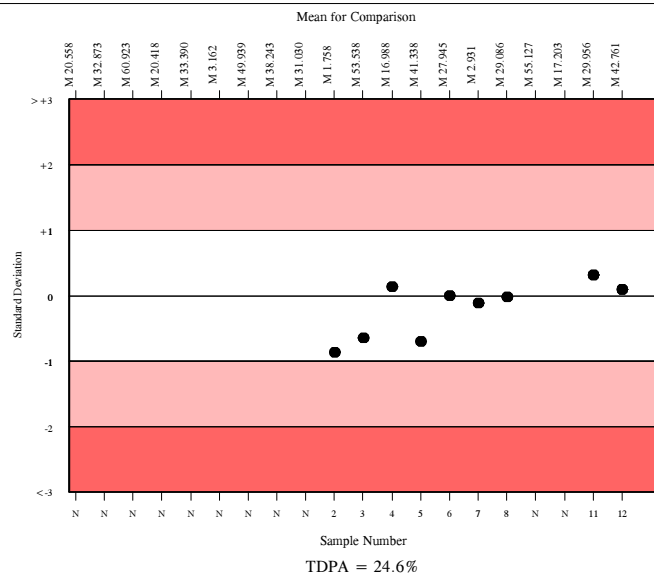
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	470	36.927	24.0	0.51	5.52	25
Roche Cobas 4000/e411 TgII	35	42.761	3.8	0.35	6.40	3

▲ Your Result	43.360	SDI	0.09
		RMSDI	Too Few
■ Mean for Comparison	42.761	TS	120
		RMTS	Too Few
		%DEV	1.4
		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	95	25.765	8.9	0.30
Roche Cobas 6000/8000 Tg II	71	42.251	4.1	0.26
Roche Cobas 6000/8000	58	42.142	5.0	0.35
Beckman Dxi 600/800	43	38.941	6.6	0.49
Roche Cobas 4000/e411 TgII	35	42.761	3.8	0.35
Roche Cobas 4000/e411	32	43.592	5.7	0.55
DiaSorin, Liaison	15	16.457	15.6	0.83
Tosoh	15	47.306	8.1	1.24
Beckman Access	15	39.534	5.4	0.68
DPC Immulite 1000	11	27.127	14.5	1.49
SNIBE Maglumi analysers	10	22.931	1.3	0.12
Roche Elecsys	11	43.195	6.5	1.05
CIS, RIA Coated tube	10	56.511	3.7	0.82
Roche Elecsys Tg II	9	42.400	5.3	0.93
DiaSorin Liaison XL	7	19.566	9.3	0.86
Roche Modular E170 Tg II	5	41.246	6.3	1.46
Diesse Chorus	4	18.275	28.9	3.30
Roche Modular E170	4	44.635	9.1	2.54
Brahms IRMA	2	30.275	38.1	10.19

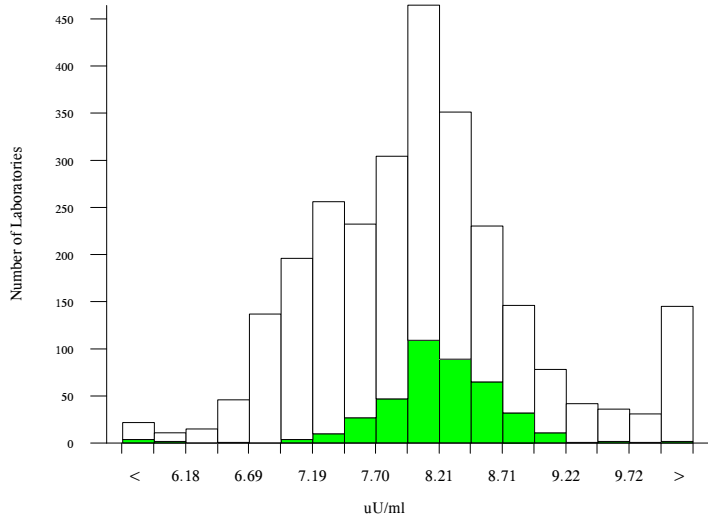


TSH, uU/ml

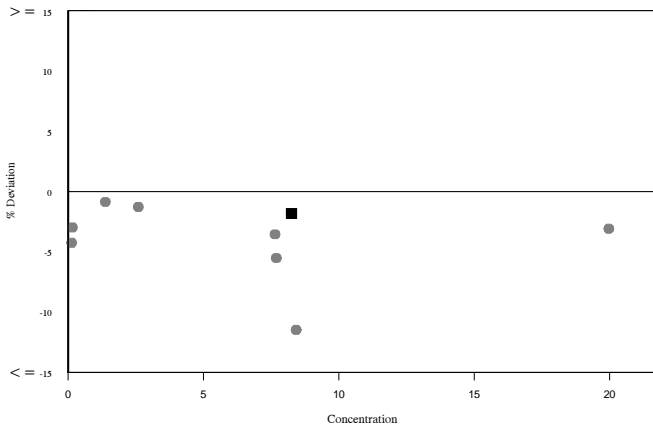
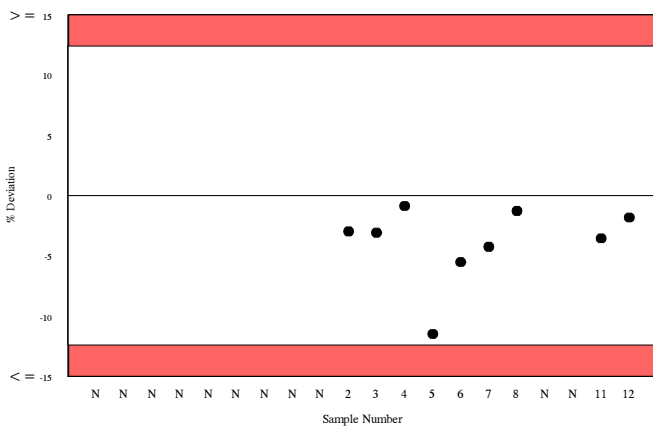
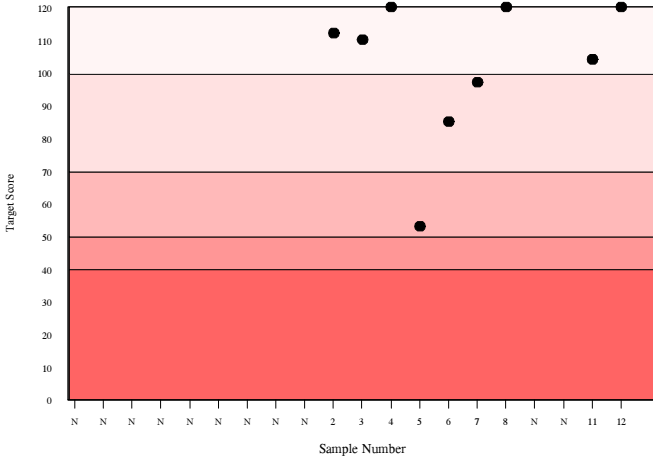
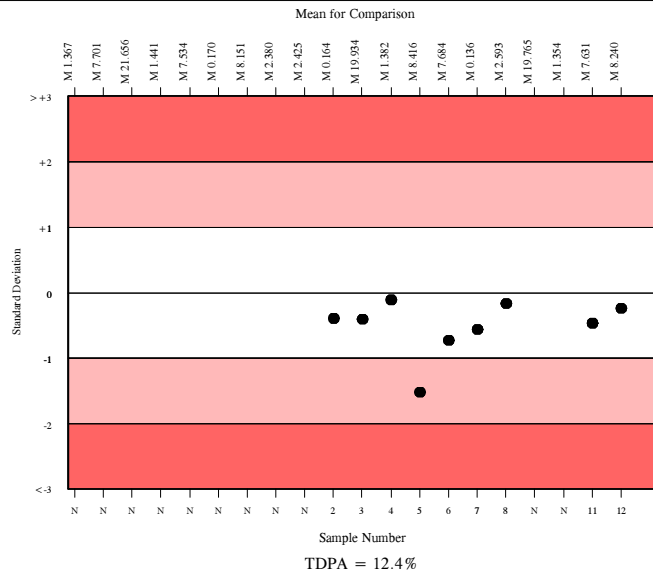
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2539	7.959	8.5	0.02	0.60	203
Roche Cobas 4000/e411	373	8.240	4.1	0.02	0.62	34

▲ Your Result	8.090	SDI	-0.24
		RMSDI	Too Few
■ Mean for Comparison	8.240	TS	120
		RMTS	Too Few
		%DEV	-1.8
		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	575	8.103	2.9	0.01
Abbott Architect	456	7.136	4.4	0.02
Roche Cobas 4000/e411	373	8.240	4.1	0.02
Beckman DXI600/800/ Access 2 (3rd IS)	155	7.406	4.3	0.03
Siemens Centaur XP/Classic TSH3-Ultra	127	8.658	3.6	0.03
Siemens Centaur XP/XPT/Classic	109	8.632	5.6	0.06
Access/LXi725 hyper TSH 3rd gen	76	7.486	4.5	0.05
Roche Elecsys	67	8.096	5.0	0.06
Ortho Vitros 3600/5600/ECi	67	10.842	5.0	0.08
bioMerieux, VIDAS, TSH	62	8.752	7.8	0.11
Siemens/DPC Immulite 2000/2500	56	8.303	5.2	0.07
Beckman DxI 600/800 Hyper TSH	43	7.477	4.1	0.06
DiaSorin, Liaison	45	9.934	8.9	0.16
Siemens/DPC Immulite 1000	40	8.161	6.8	0.11
Tosoh	40	8.675	8.6	0.15
Siemens Centaur CP	29	8.426	5.1	0.10
SNIBE Maglumi analysers	30	9.928	5.4	0.12
Siemens Centaur CP TSH3-Ultra	17	8.652	5.8	0.15
Roche Modular E170	15	8.224	2.2	0.06
CIS, IRMA	15	8.139	4.0	0.11
Access/LXi725 Fast TSH 2nd gen	12	7.558	3.2	0.09



RIQAS

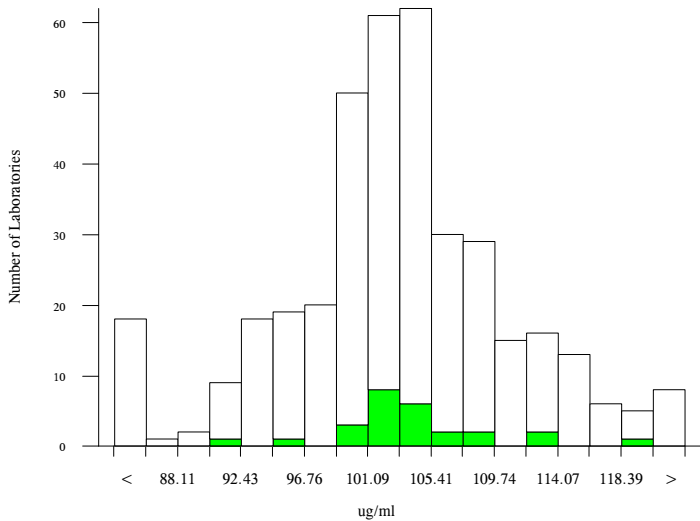


Valproic acid, ug/ml

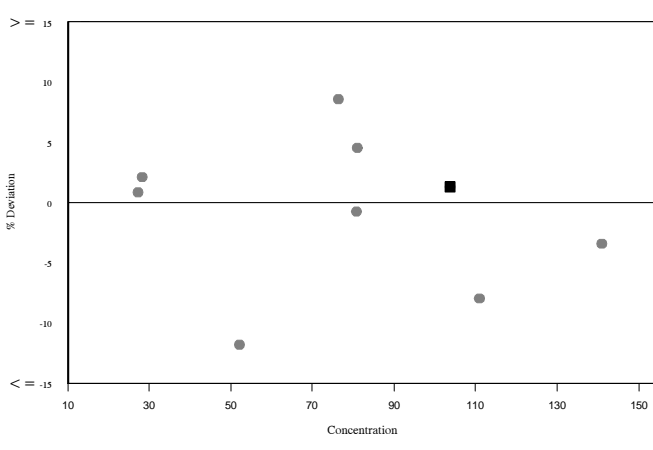
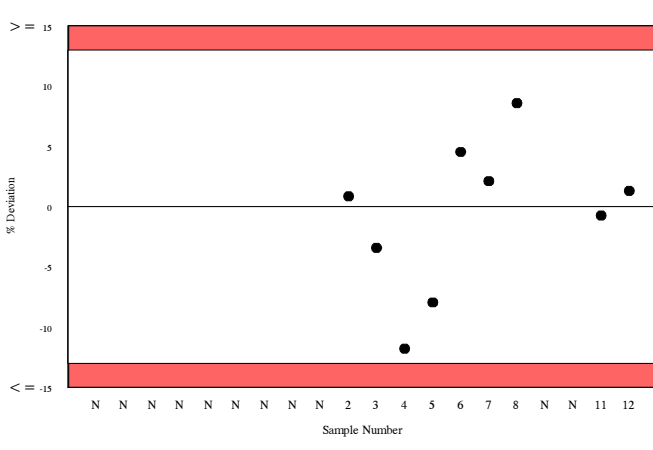
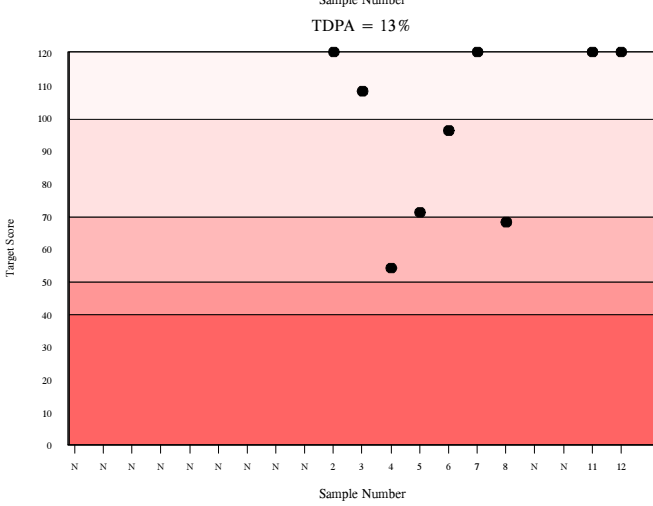
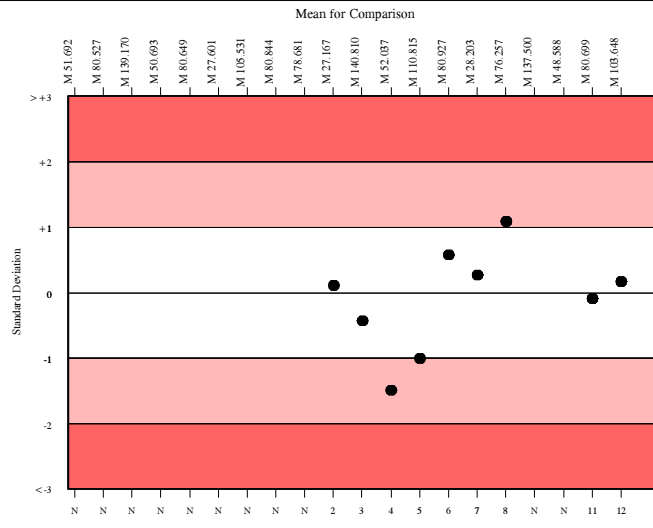
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	347	103.255	5.6	0.39	8.16	35
Siemens/DPC Immulite 2000/2500	21	103.648	2.6	0.72	8.19	5

▲ Your Result	105.000	SDI	0.17
		RMSDI	Too Few
■ Mean for Comparison	103.648	TS	120
		RMTS	Too Few
		%DEV	1.3
		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)	99	101.184	5.0	0.64
Roche Cobas 6000/8000	70	103.671	4.9	0.76
Siemens Centaur XP/XPT/Classic	25	102.435	5.7	1.45
Siemens/DPC Immulite 2000/2500	21	103.648	2.6	0.72
Beckman AU400/600/640/2700/5400	22	111.306	3.5	1.02
Abbott Architect (PETINIA)	19	105.483	3.3	1.01
Roche Integra	18	102.204	2.5	0.76
Siemens Dimension	15	103.182	2.9	0.98
Siemens/DPC Immulite 1000	11	112.091	5.8	2.45
Beckman DxC	10	95.905	6.0	2.26
Ortho Vitros 4600/5600/5.1	7	100.311	2.8	1.31
Siemens Advia 1200/1650/1800/2400	6	109.717	6.7	3.74
Roche Cobas 4000/c311	6	102.950	5.8	3.03
Abbott AxSYM	3	105.920	23.4	17.89
Siemens Centaur CP	3	108.103	10.8	8.43
Siemens Syva/Emit	2	113.500	10.6	10.62
Roche Modular P/D	2	104.900	3.5	3.25

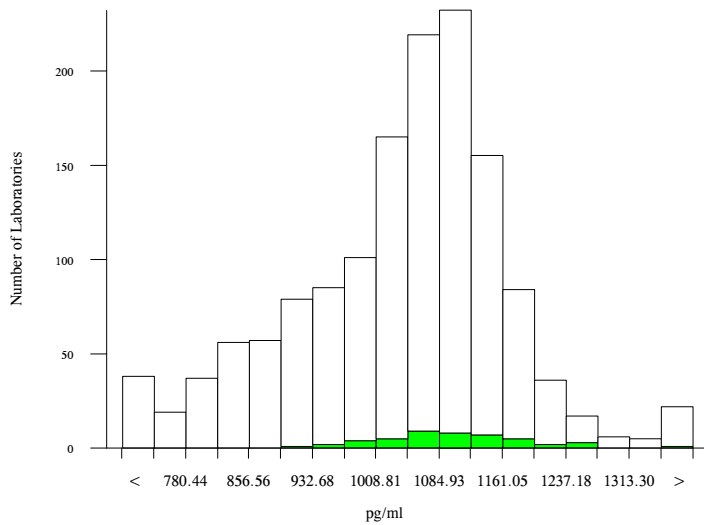


Vitamin B12, pg/ml

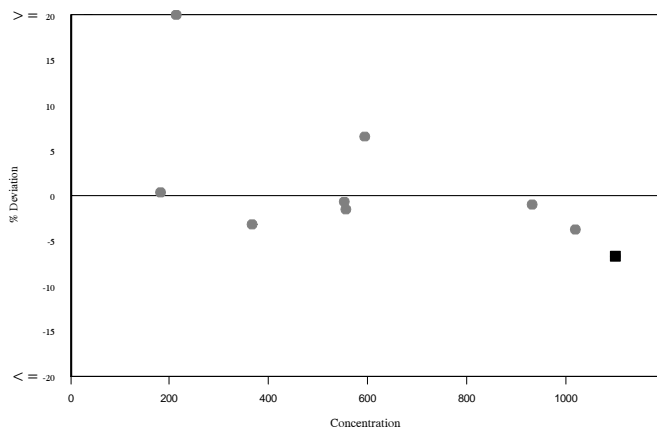
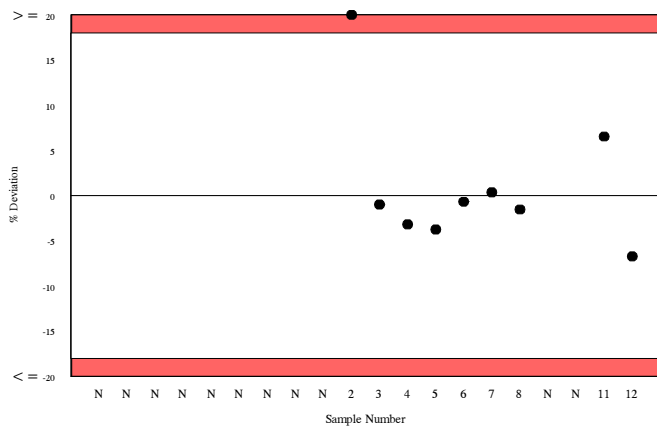
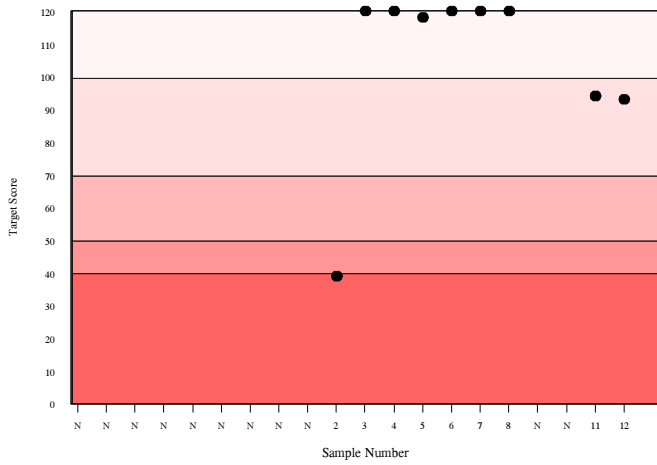
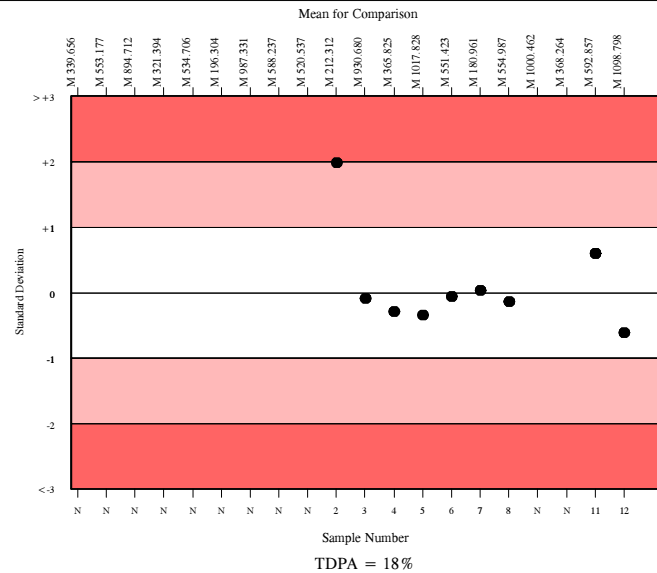
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1307	1046.872	9.7	3.51	114.56	109
Roche Cobas 4000/e411 Gen II	44	1098.798	6.9	14.21	120.24	3

▲ Your Result	1025.000	SDI	-0.61
		RMSDI	Too Few
■ Mean for Comparison	1098.798	TS	93
		RMTS	Too Few
		%DEV	-6.7
		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	265	1063.981	6.6	5.43
Roche Cobas 6000/8000	226	1102.466	3.9	3.58
Beckman DxI 600/800	163	875.639	8.4	7.16
Roche Cobas 4000/e411	152	1086.233	7.6	8.35
Siemens Centaur XP/XPT/Classic	151	1056.433	6.5	6.97
Roche Cobas Centaur 8000 Gen II	89	1093.106	3.1	4.56
Beckman Access/LXi725	46	909.656	7.6	12.73
Roche Cobas 4000/e411 Gen II	44	1098.798	6.9	14.21
Siemens/DPC Immulite 2000	27	862.309	9.3	19.36
Roche Elecsys	30	1083.050	7.6	18.69
Ortho Vitros 3600/5600/ECi	30	940.372	4.2	9.06
SNIBE Maglumi analysers	12	851.642	2.5	7.69
Roche Modular E170	12	1113.719	4.7	18.87
TOSOH	12	1306.300	10.3	48.57
Siemens Centaur CP	12	1095.878	7.3	28.89
Siemens/DPC Immulite 1000	4	993.883	12.5	77.68
Siemens Dimension	6	1026.660	1.5	7.90
MP Biomedicals RIA	4	967.933	5.0	30.14
Roche Modular E170 Gen II	4	1072.250	4.7	31.41
Abbott AxSYM	3	1103.996	25.8	205.53

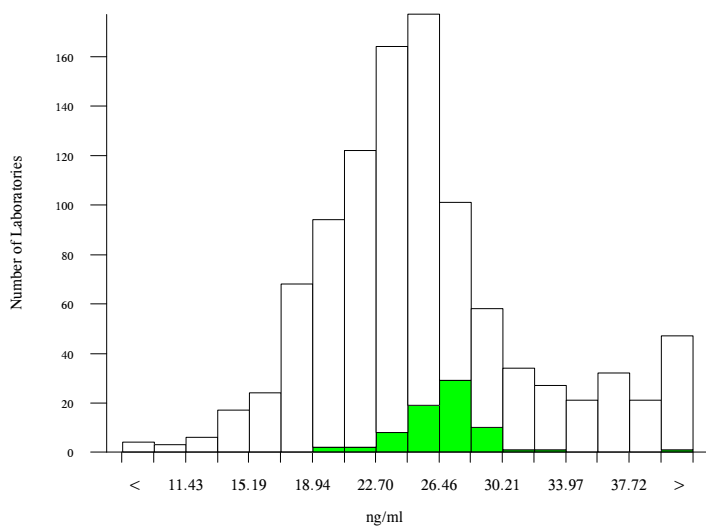


25-OH-Vitamin D, ng/ml

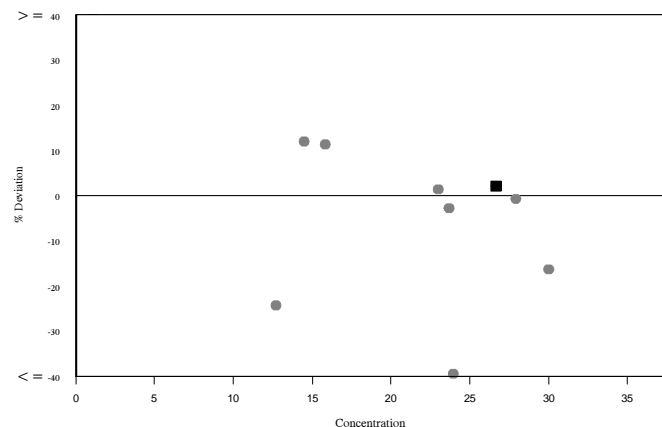
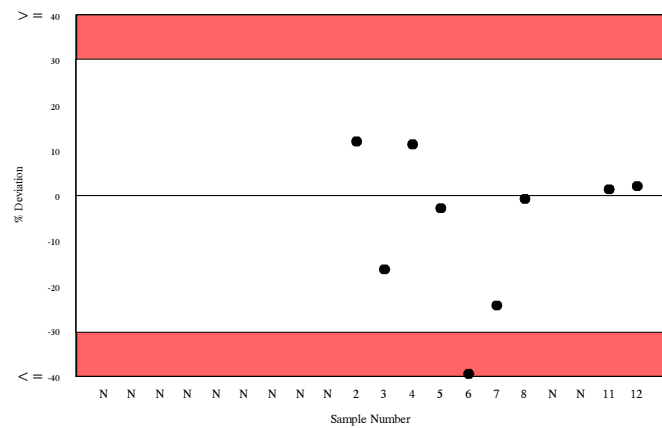
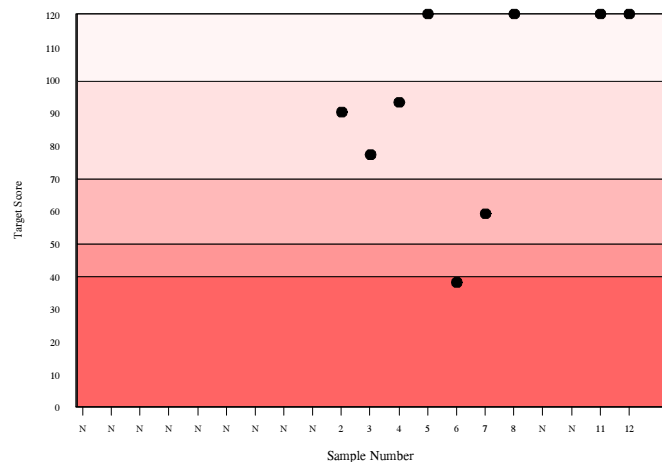
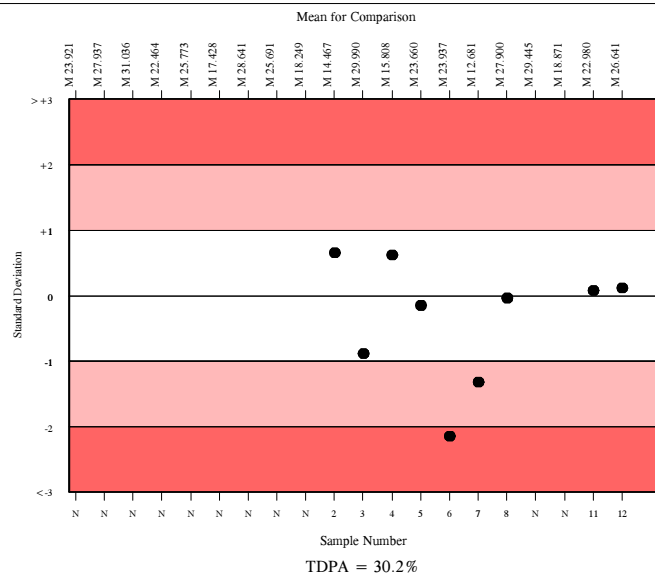
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	948	24.584	20.4	0.20	4.51	72
bioMerieux Vidas/mini Vidas/Vidas 3	66	26.641	5.7	0.23	4.89	7

▲ Your Result	27.200	SDI	0.11
		RMSDI	Too Few
■ Mean for Comparison	26.641	TS	120
		RMTS	Too Few
		%DEV	2.1
		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	342	20.884	12.6	0.18
Abbott Architect (3L52)	150	24.815	4.6	0.12
Beckman Dxi 600/800	85	24.454	11.2	0.37
Siemens Centaur XP/XPT/Classic	79	39.038	6.0	0.33
bioMerieux Vidas/mini Vidas/Vidas 3	66	26.641	5.7	0.23
DiaSorin, Liaison	44	30.517	8.1	0.47
Abbott Architect (5P02)	43	25.295	5.6	0.27
Beckman Access 25 OH Vitamin D Total	29	26.482	13.4	0.82
Ortho Vitros 3600/5600/ECi	26	35.538	10.6	0.93
DiaSorin Liaison XL	18	30.526	7.6	0.68
SNIBE Maglumi Analyser	16	15.816	28.4	1.41
IDS iSYS	9	26.235	8.4	0.92
Fujirebio Lumipulse G Series	7	27.286	6.2	0.80
TOSOH	6	27.321	9.8	1.37
Roche Vitamin D Total II	6	26.227	21.0	2.82
HPLC/UPLC	5	29.132	23.1	3.77
ELISA	4	29.731	43.0	7.99
LC/MS	3	25.767	16.6	3.09
Diesse Chorus	2	33.950	6.0	1.81



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	73.234	53.410	-1.14	Too Few	-27.1	Too Few	N/A	N/A	
AFP	121.079	119.900	-0.11	Too Few	-1.0	Too Few	120	Too Few	
Aldosterone	198.450	193.100	-0.11	Too Few	-2.7	Too Few	120	Too Few	
Androstenedione	6.633	7.470	0.90	Too Few	12.6	Too Few	76	Too Few	
Beta-2-Microglobulin	4.545	4.110	-0.91	Too Few	-9.6	Too Few	76	Too Few	
CA 125	165.434	179.100	1.05	Too Few	8.3	Too Few	70	Too Few	
CA 15-3	58.937	57.740	-0.24	Too Few	-2.0	Too Few	120	Too Few	
CA 19-9	94.958	103.100	0.89	Too Few	8.6	Too Few	77	Too Few	
CEA	34.296	33.910	-0.14	Too Few	-1.1	Too Few	120	Too Few	
Cortisol	778.020	721.900	-0.81	Too Few	-7.2	Too Few	81	Too Few	
C-Peptide	8.268	9.670	0.93	Too Few	17.0	Too Few	75	Too Few	
DHEA-S	722.915	689.000	-0.42	Too Few	-4.7	Too Few	109	Too Few	
Digoxin	2.830	2.890	0.19	Too Few	2.1	Too Few	120	Too Few	
Ferritin	227.881	250.000	1.13	Too Few	9.7	Too Few	66	Too Few	
Folate	7.417	7.270	-0.17	Too Few	-2.0	Too Few	120	Too Few	
FSH	42.846	43.860	0.31	Too Few	2.4	Too Few	120	Too Few	
GH	10.361	10.720	0.28	Too Few	3.5	Too Few	120	Too Few	
hCG	192.419	193.200	0.05	Too Few	0.4	Too Few	120	Too Few	
IgE	295.275	294.700	-0.02	Too Few	-0.2	Too Few	120	Too Few	
Insulin	21.279	22.080	0.32	Too Few	3.8	Too Few	120	Too Few	
LH	39.884	41.770	0.65	Too Few	4.7	Too Few	90	Too Few	
Oestradiol	381.152	353.000	-0.72	Too Few	-7.4	Too Few	86	Too Few	
17-OH-Progesterone	6.862	5.520	-0.95	Too Few	-19.6	Too Few	N/A	N/A	
Progesterone	19.678	19.080	-0.27	Too Few	-3.0	Too Few	120	Too Few	
Prolactin	1310.321	1290.000	-0.11	Too Few	-1.6	Too Few	120	Too Few	
PSA, Free	13.409	13.460	0.05	Too Few	0.4	Too Few	120	Too Few	
PSA, Total	19.306	18.670	-0.44	Too Few	-3.3	Too Few	107	Too Few	
Parathyroid hormone	963.590	871.700	-1.46	Too Few	-9.5	Too Few	N/A	N/A	
Sex Hormone Binding Globulin	37.455	33.490	-1.30	Too Few	-10.6	Too Few	60	Too Few	
Free T3	22.360	21.940	-0.22	Too Few	-1.9	Too Few	120	Too Few	
Total T3	5.409	5.550	0.28	Too Few	2.6	Too Few	120	Too Few	
Free T4	55.470	56.000	0.13	Too Few	1.0	Too Few	120	Too Few	
Total T4	161.709	156.200	-0.39	Too Few	-3.4	Too Few	112	Too Few	
Free Testosterone (Pilot)	20.646	23.970	0.70	Too Few	16.1	Too Few	N/A	N/A	
Testosterone	5.982	6.150	0.23	Too Few	2.8	Too Few	120	Too Few	
Thyroglobulin	42.761	43.360	0.09	Too Few	1.4	Too Few	120	Too Few	
TSH	8.240	8.090	-0.24	Too Few	-1.8	Too Few	120	Too Few	
Valproic acid	103.648	105.000	0.17	Too Few	1.3	Too Few	120	Too Few	
Vitamin B12	1098.798	1025.000	-0.61	Too Few	-6.7	Too Few	93	Too Few	
25-OH-Vitamin D	26.641	27.200	0.11	Too Few	2.1	Too Few	120	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

END OF REPORT