

Dena Laboratory

MONTHLY IMMUNOASSAY

CYCLE 15 SAMPLE 4

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: 27/04/2017

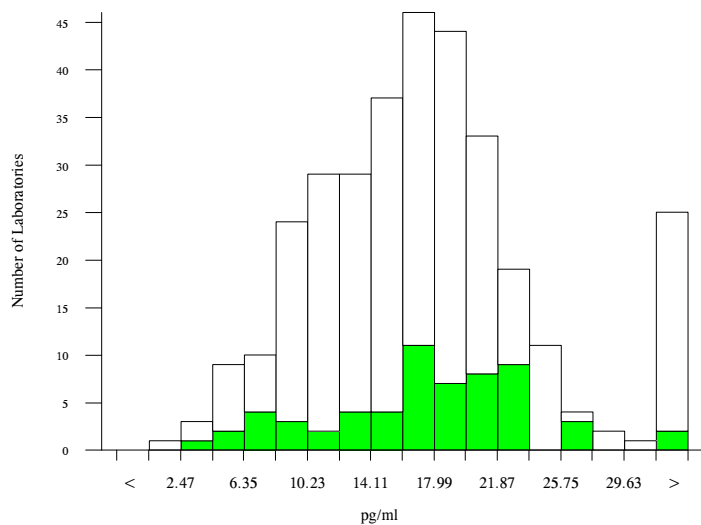
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ACTH, pg/ml

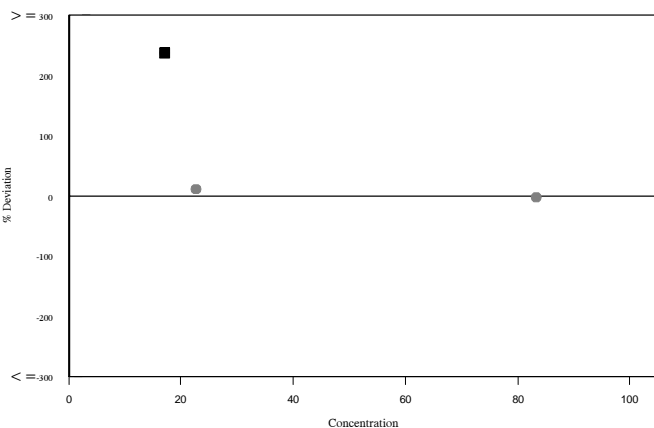
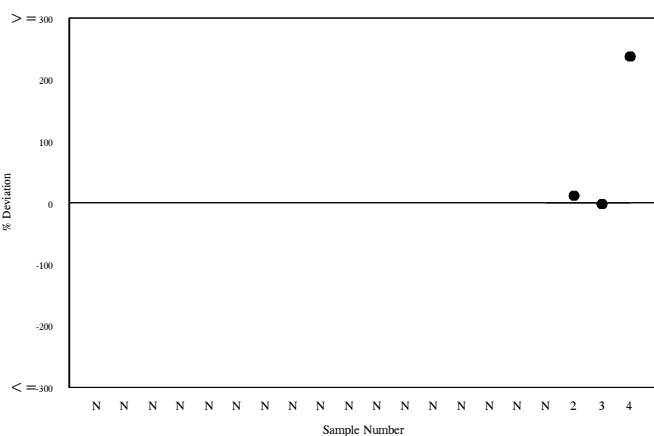
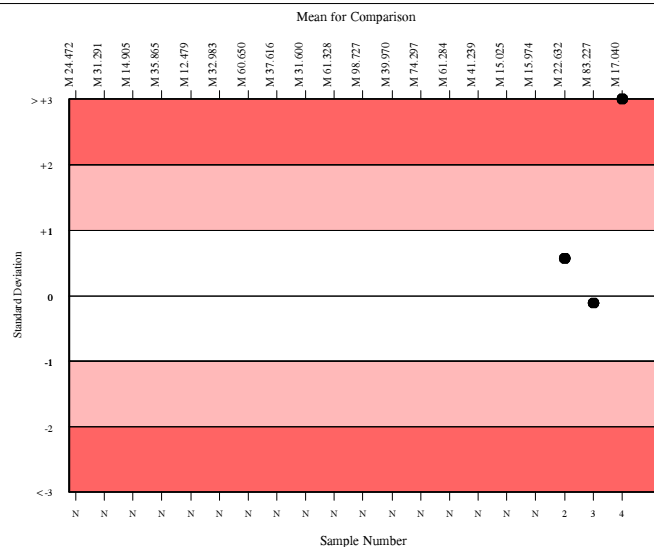
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	299	16.058	32.2	0.37	5.17	30
Roche Cobas 4000/e411	57	17.040	31.9	0.90	5.43	3

▲ Your Result	57.500	SDI	7.45
		RMSDI	Too Few
■ Mean for Comparison	17.040	TS	N/A
		RMTS	N/A
		%DEV	237.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	N/A
SDI in bottom 5% of peer group	



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	111	14.301	32.7	0.55
Roche Cobas 6000/8000	63	17.694	24.8	0.69
Roche Cobas 4000/e411	57	17.040	31.9	0.90
Siemens/DPC Immulite 1000	26	16.724	19.3	0.79
Diasorin Liaison	20	17.559	39.1	1.92
SNIBE Maglumi analysers	13	38.470	1.7	0.23
Roche Elecsys	6	17.508	35.1	3.14
Roche Modular E170	6	14.014	27.6	1.97
TOSOH	4	17.960	8.1	0.91
CIS, IRMA	3	36.010	5.0	1.30



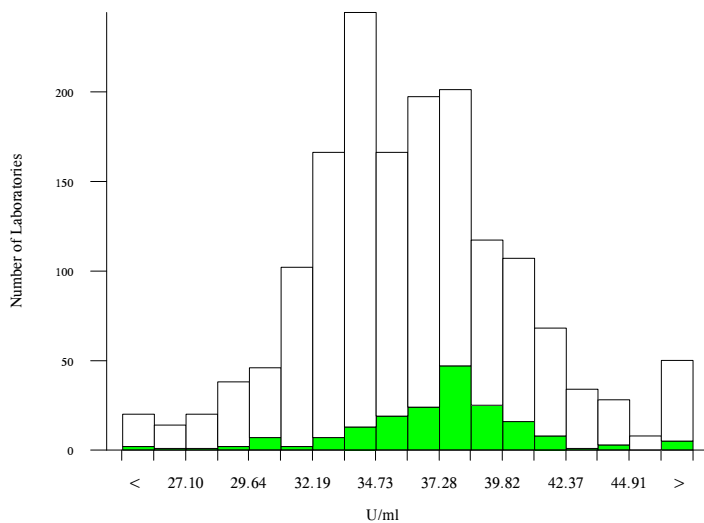
AFP, U/ml

- All Methods
- Roche Cobas 4000/e411

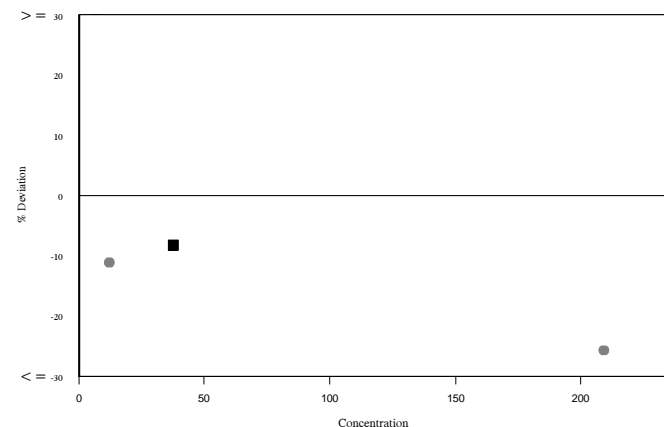
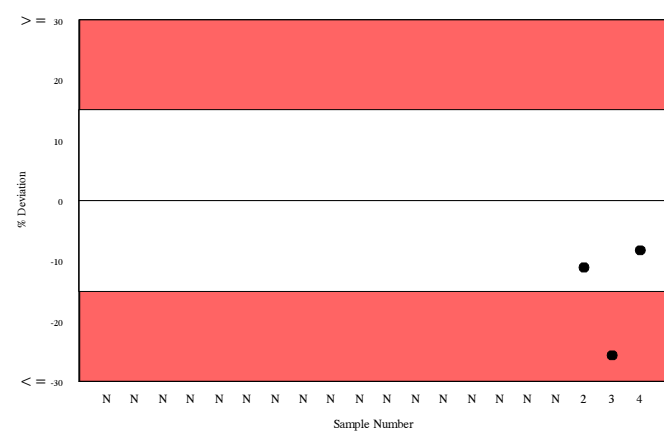
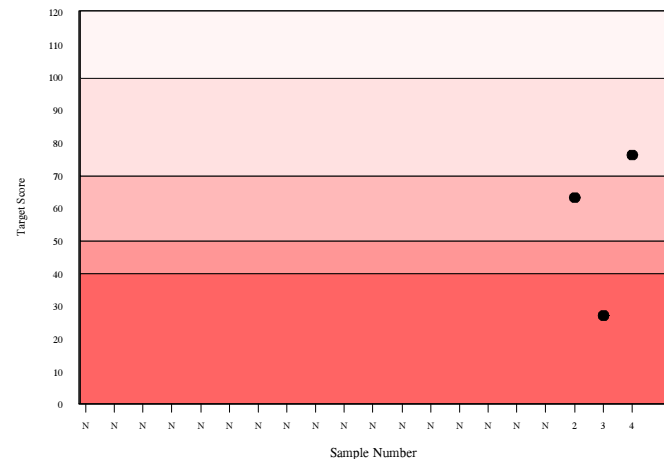
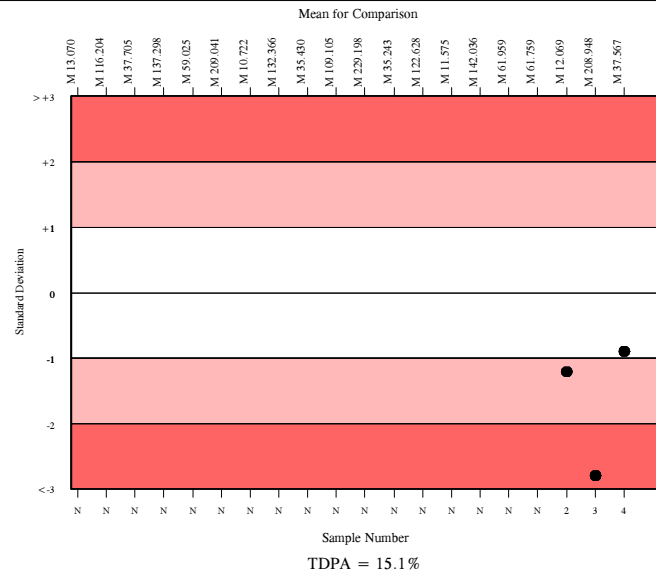
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1510	36.008	9.4	0.11	3.31	117
Roche Cobas 4000/e411	162	37.567	6.1	0.22	3.45	22

▲ Your Result	34.470	SDI	-0.90
		RMSDI	Too Few
■ Mean for Comparison	37.567	TS	76
		RMTS	Too Few
		%DEV	-8.2
		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	332	37.257	5.3	0.13
Abbott Architect	282	34.038	3.3	0.08
Roche Cobas 4000/e411	162	37.567	6.1	0.22
Siemens Centaur XP/XPT/Classic	144	41.369	4.9	0.21
Beckman DxI 600 / 800	144	33.609	7.9	0.28
Siemens/DPC Immulite 2000/2500	62	31.940	6.1	0.31
Roche Elecsys	50	36.875	5.7	0.37
bioMerieux, Vidas/Mini Vidas	51	30.229	7.9	0.42
Beckman Access/LXi725	38	35.601	7.0	0.50
Ortho Vitros 3600/5600/ECi	33	37.841	7.2	0.59
DiaSorin, Liaison	29	38.787	9.0	0.81
SNIBE Maglumi analysers	23	33.260	3.8	0.33
Tosoh	23	32.929	6.2	0.53
Siemens Centaur CP	22	41.720	9.2	1.03
Roche Modular E170	21	37.893	5.1	0.53
Siemens/DPC Immulite 1000	18	33.222	7.9	0.77
CIS, IRMA	16	54.377	9.6	1.63
Fujirebio Lumipulse G Series	9	34.545	6.1	0.88
Siemens Dimension	7	37.243	3.0	0.52
Brahms Kryptor	2	41.182	3.4	1.23
ELISA	2	41.681	14.5	5.35



RIQAS

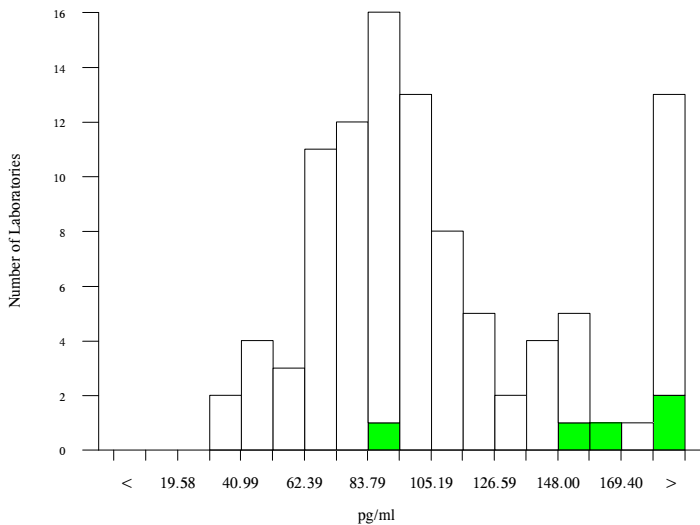


Aldosterone, pg/ml

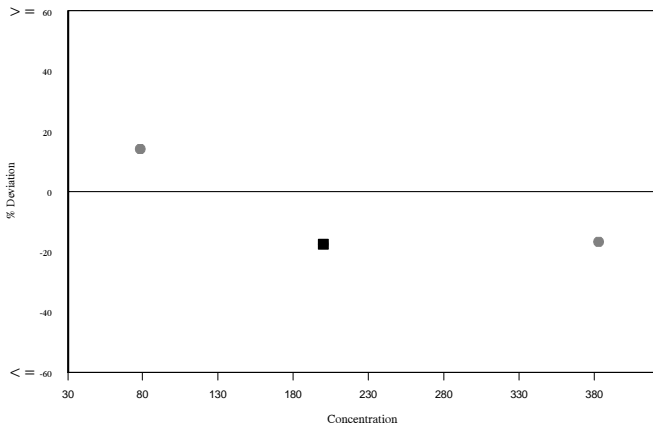
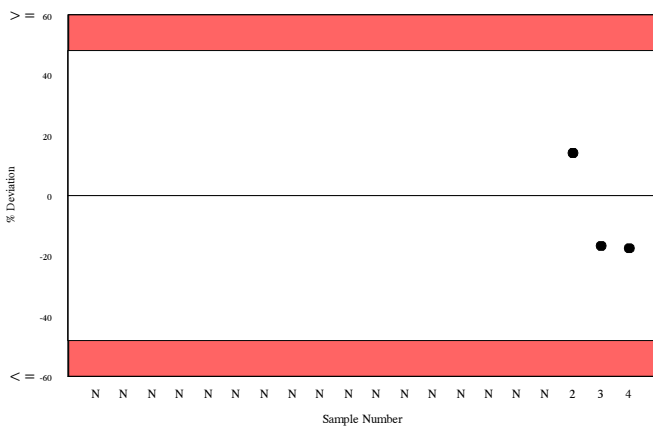
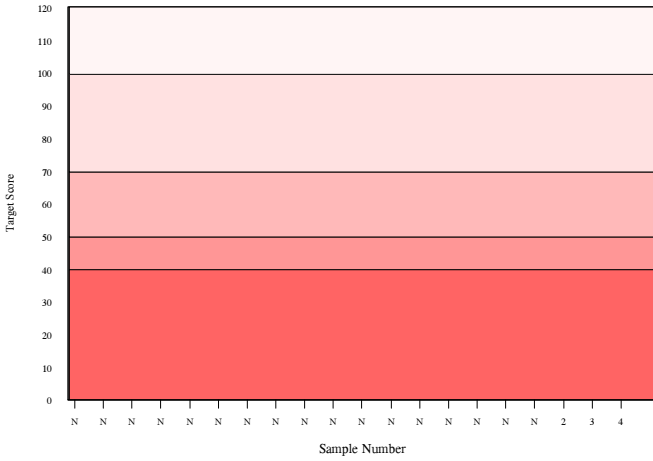
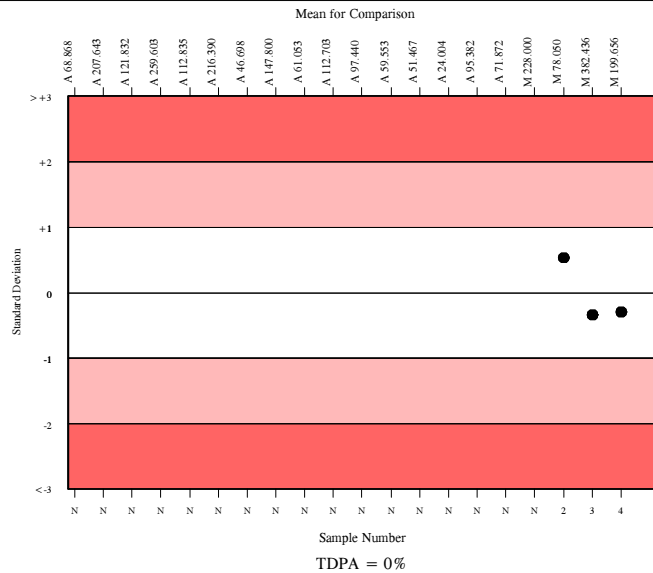
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	85	94.496	30.2	3.87	28.54	15
DiaMetra ELISA	5	199.656	51.2	57.12	117.05a	0

▲ Your Result	164.800	SDI	-0.30
		RMSDI	Too Few
■ Mean for Comparison	199.656	TS	N/A
		RMTS	Too Few
		%DEV	-17.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	36.7%
Acceptable limits of performance for RIQAS	48.10%



Method	N	Mean	CV%	U _m
Diasorin Liaison	27	97.834	11.2	2.64
SNIBE Maglumi analysers	13	72.822	3.0	0.75
DRG, ELISA	5	119.444	20.3	13.57
ELISA	5	111.868	22.7	14.20
Immunotech RIA	5	192.342	24.4	26.28
CIS, RIA	5	48.804	18.1	4.92
DiaMetra ELISA	5	199.656	51.2	57.12
IDS iSYS	5	77.126	29.5	12.70
Diasorin, RIA	3	106.000	15.1	11.55
DBE, ELISA	3	112.211	51.8	41.97
IBL International ELISA	3	163.663	53.2	62.89
ZenTech RIA	3	105.221	16.1	12.21
AutoBio CLIA	2	152.350	1.9	2.60



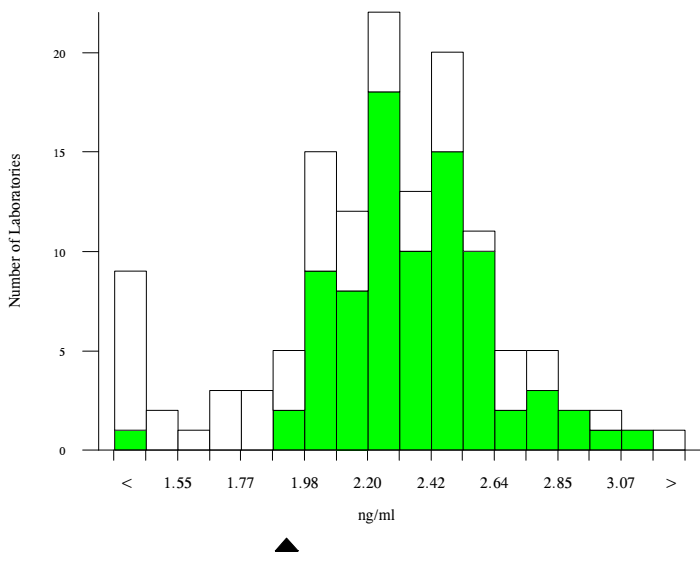
RIQAS

Androstenedione (Pilot), ng/ml

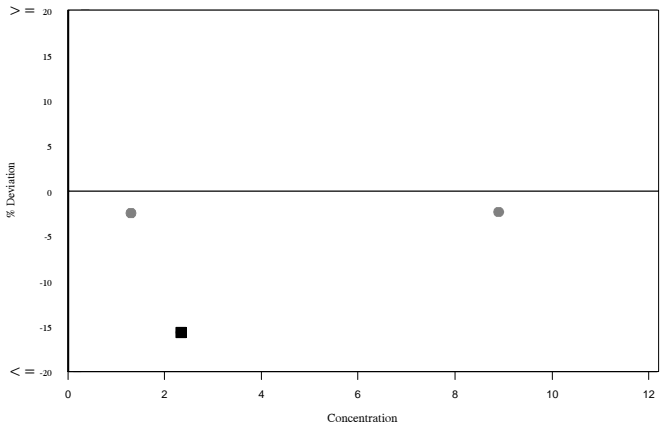
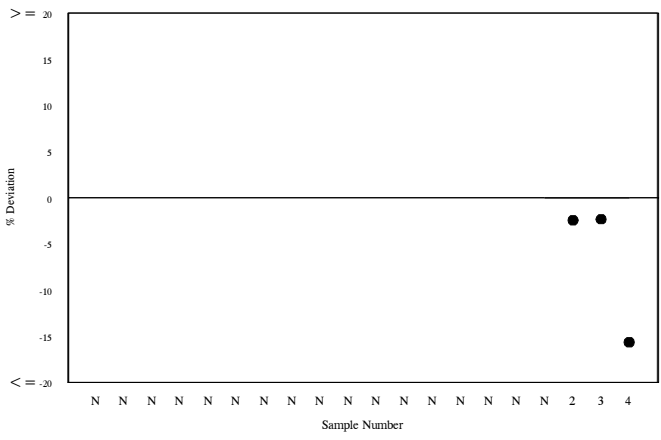
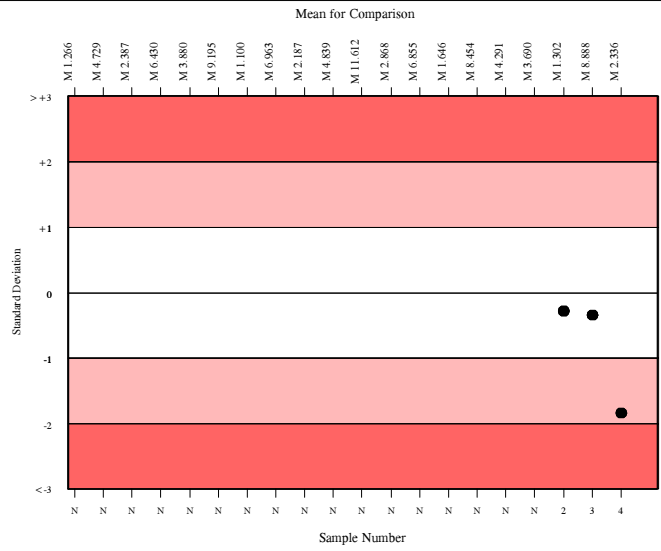
	N	Mean	CV%	U _m	SDPA	Exc.
☐ All Methods	120	2.315	12.5	0.03	0.29	13
■ Siemens/DPC Immulite 2000	75	2.336	8.5	0.03	0.20	8

▲ Your Result	1.970	SDI	-1.84
		RMSDI	Too Few
■ Mean for Comparison	2.336	TS	N/A
		RMTS	N/A
		%DEV	-15.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	23.51%
Acceptable limits of performance for RIQAS	N/A



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000	75	2.336	8.5	0.03
Siemens/DPC Immulite 1000	18	1.964	20.7	0.12
Beckman Coulter Active RIA	7	1.621	20.1	0.15
DRG, ELISA	6	2.575	19.3	0.25
DIAsource, RIA	5	2.379	10.7	0.14
Novatec ELISA	5	1.510	21.2	0.18
DiaMetra ELISA	3	2.318	10.6	0.18
Labor Diagnostike Nord ELISA	3	2.674	4.5	0.09

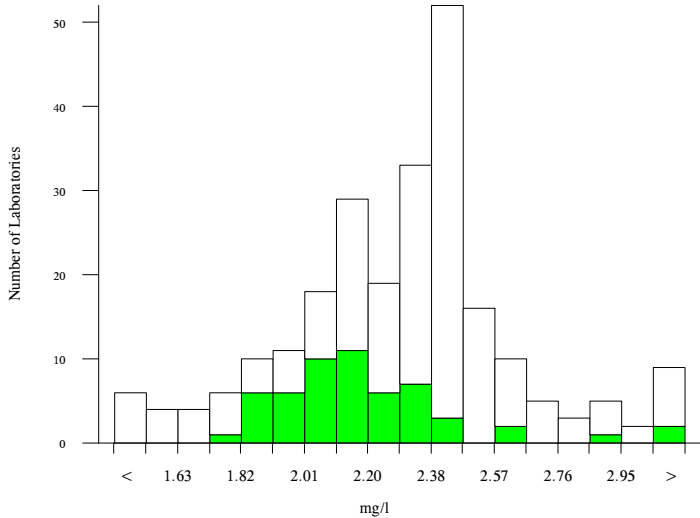


Beta-2-Microglobulin, mg/l

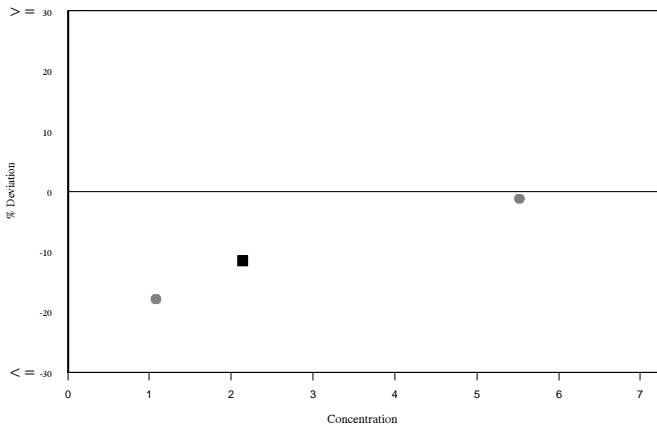
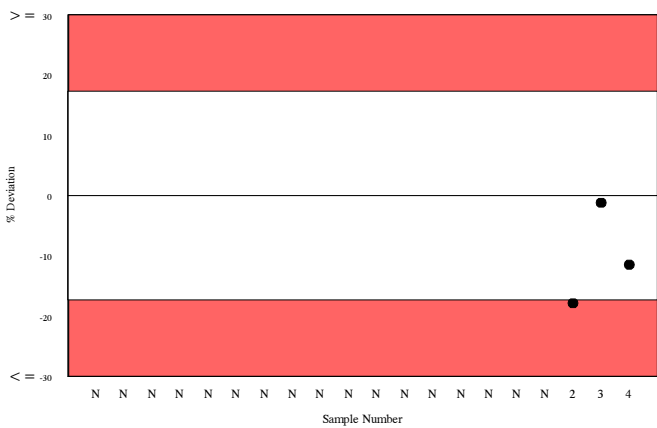
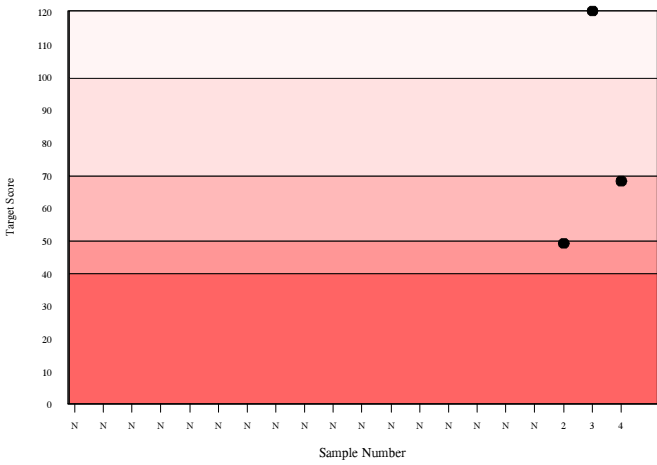
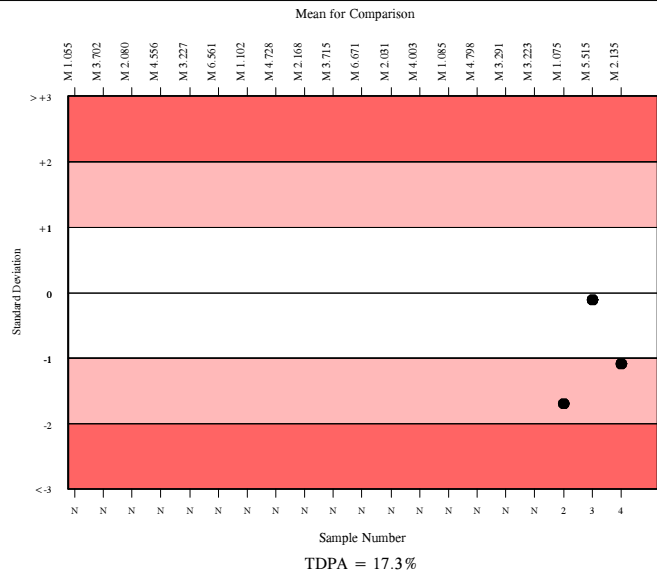
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	221	2.295	10.9	0.02	0.24	22
Siemens/DPC Immulite 2000/2500	49	2.135	7.4	0.03	0.22	7

▲ Your Result	1.890	SDI	-1.09
		RMSDI	Too Few
■ Mean for Comparison	2.135	TS	68
		RMTS	Too Few
		%DEV	-11.5
		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	49	2.135	7.4	0.03
Roche Cobas 6000/8000	33	2.435	3.2	0.02
bioMérieux, VIDAS	28	2.373	7.5	0.04
Abbott Architect	22	2.365	2.8	0.02
Siemens/Behring Nephelometer	11	2.324	5.8	0.05
SNIBE Maglumi analysers	13	1.649	6.8	0.04
Diasorin Liaison	8	1.960	14.9	0.13
Siemens/DPC Immulite 1000	7	2.452	6.0	0.07
Beckman AU400/600/640/2700/5400	6	2.237	13.1	0.15
Roche Tinaquant	6	2.776	16.1	0.23
Beckman Immage	4	2.615	11.6	0.19
Fujirebio Lumipulse G Series	4	1.943	7.7	0.09
Roche Cobas 4000/c311	4	2.368	5.6	0.08
Roche Modular P	4	2.465	4.2	0.06
Siemens Dimension	3	2.462	3.1	0.05
TOSOH	3	2.535	3.6	0.07
Biolatex Immunoassay	2	1.655	29.5	0.43
Siemens Advia 1200/1650/1800/2400	2	2.105	0.3	0.01
DakoCytomation PET kit	2	2.890	0.0	0.00
ELISA	2	2.600	10.9	0.25
Immunotech RIA	2	2.625	6.7	0.16

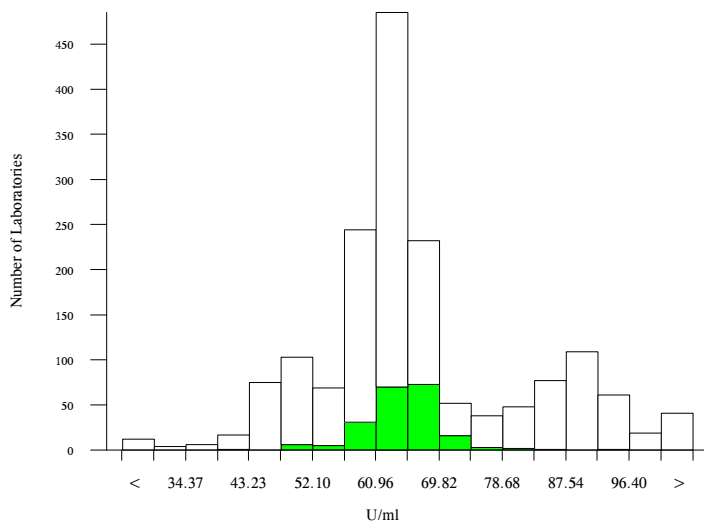


CA 125, U/ml

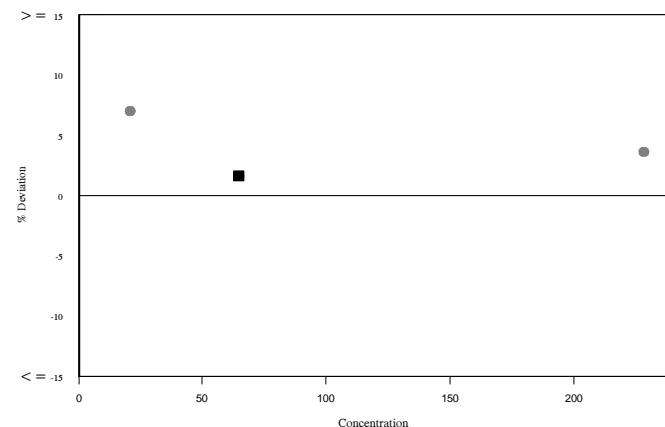
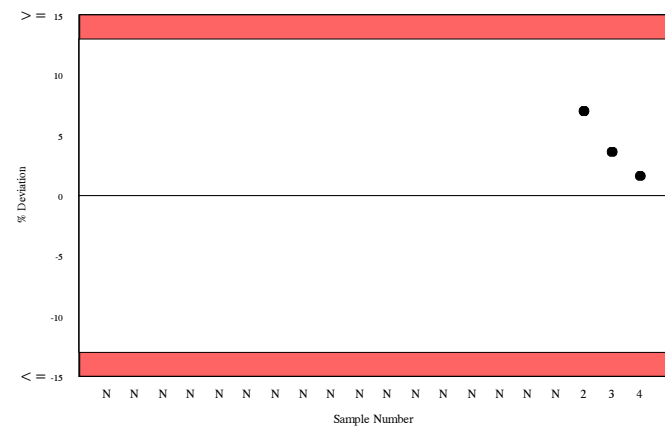
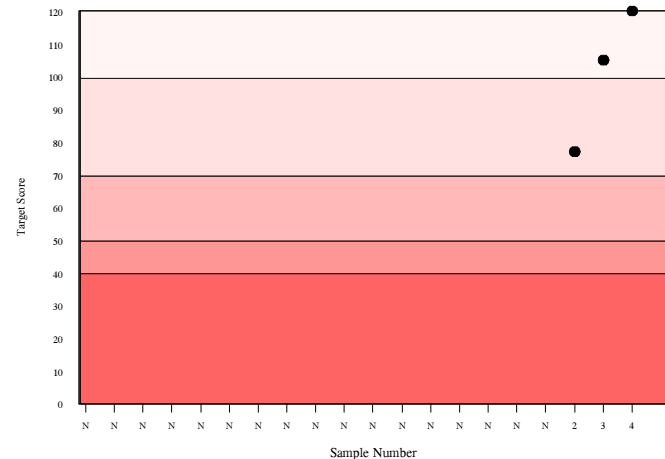
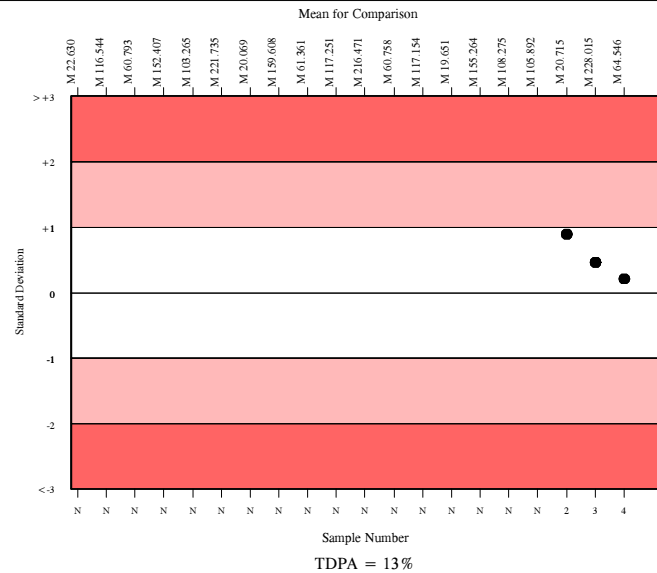
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1574	65.390	18.1	0.37	5.17	118
Roche Cobas 4000/e411	190	64.546	5.8	0.34	5.10	19

▲ Your Result	65.600	SDI	0.21
		RMSDI	Too Few
■ Mean for Comparison	64.546	TS	120
		RMTS	Too Few
		%DEV	1.6
		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	335	62.934	3.8	0.17
Abbott Architect	305	87.961	6.2	0.39
Roche Cobas 4000/e411	190	64.546	5.8	0.34
Beckman DxI 600 / 800	136	48.080	5.6	0.29
Centaur XP/XPT/Classic, CA125 II Kit	116	62.522	4.8	0.35
bioMerieux, VIDAS	83	63.906	5.6	0.49
Roche Elecsys	53	62.900	5.5	0.60
Siemens Centaur XP/XPT/Classic OV Kit	45	63.442	6.3	0.74
Siemens/DPC Immulite 2000/2500	41	61.370	6.4	0.77
Beckman Access/LXi725	36	47.254	6.3	0.62
Ortho Vitros 3600/5600/ECi	39	61.560	4.3	0.53
Diasorin Liaison	27	84.531	11.1	2.25
SNIBE Maglumi analysers	24	59.435	4.8	0.73
Siemens Centaur CP CA125 II Kit	23	64.039	9.9	1.66
TOSOH	22	126.030	6.0	2.02
Roche Modular E170	22	61.628	4.8	0.78
Siemens/DPC Immulite 1000	17	68.447	6.3	1.31
Fujirebio Lumipulse G Series	14	59.080	8.5	1.67
CIS, IRMA	7	48.722	0.7	0.16
Siemens Dimension	6	114.017	1.3	0.75
ELISA	2	49.203	19.0	8.25

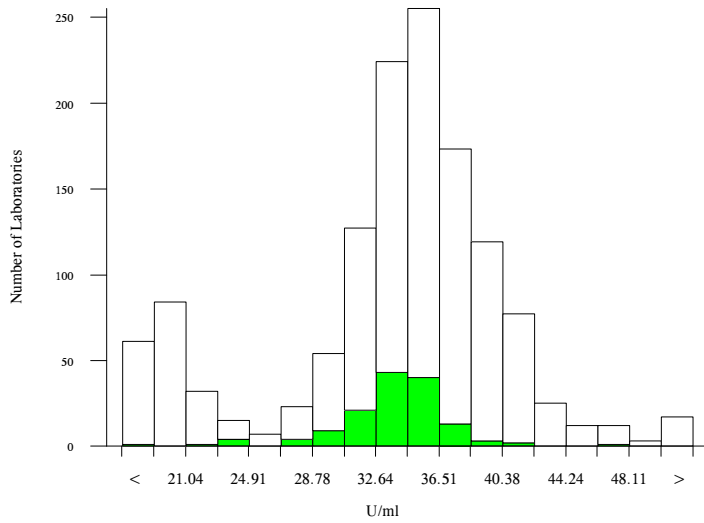


CA 15-3, U/ml

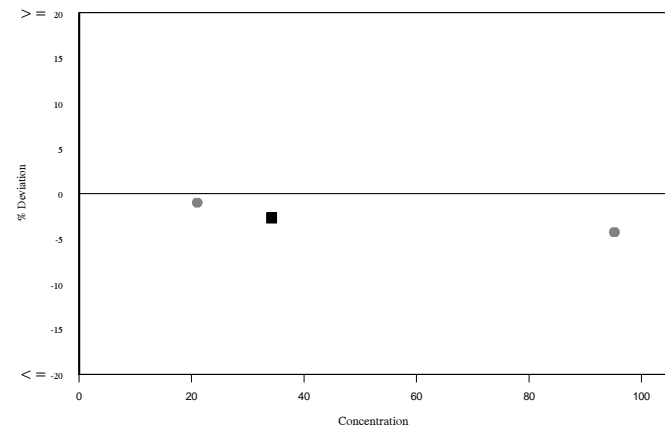
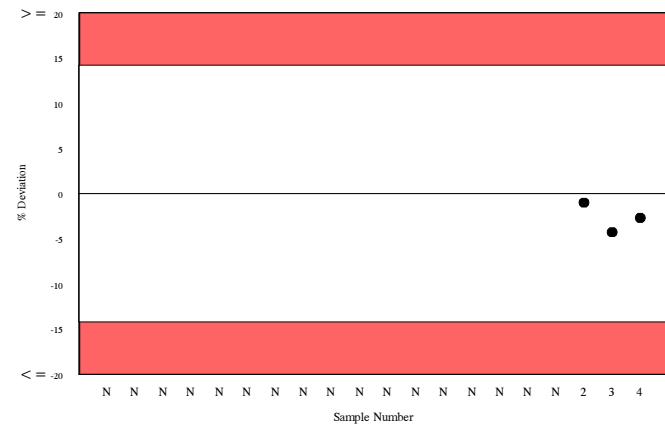
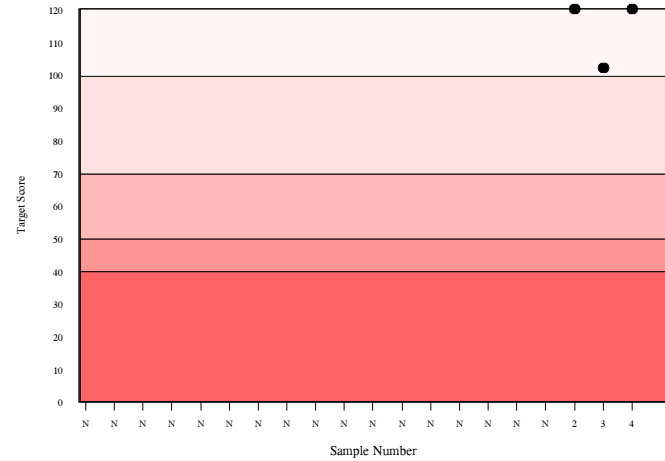
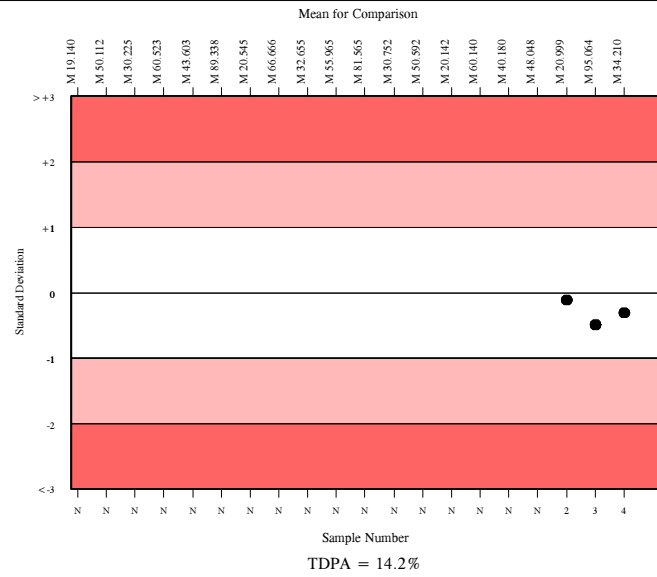
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1194	34.581	14.9	0.19	2.99	127
Roche Cobas 4000/e411	127	34.210	6.0	0.23	2.95	15

▲ Your Result	33.290	SDI	-0.31
		RMSDI	Too Few
■ Mean for Comparison	34.210	TS	120
		RMTS	Too Few
		%DEV	-2.7
		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	274	35.203	5.5	0.15
Abbott Architect	238	38.486	6.4	0.20
Siemens Centaur XP/XPT/Classic	137	34.843	6.1	0.23
Roche Cobas 4000/e411	127	34.210	6.0	0.23
Beckman DxI 600 / 800	121	19.923	7.2	0.16
BioMerieux VIDAS	54	32.250	4.7	0.26
Roche Elecsys	41	34.264	8.0	0.54
Siemens/DPC Immulite 2000/2500	32	44.516	7.7	0.76
Beckman Access/LXi725	29	20.111	5.5	0.26
SNIBE Maglumi analysers	19	40.935	2.7	0.32
Diasorin Liaison	23	32.948	5.9	0.51
Roche Modular E170	16	35.310	3.8	0.42
TOSOH	16	38.016	5.9	0.70
Ortho Vitros 3600/5600/ECi	17	31.081	4.2	0.40
Siemens/DPC Immulite 1000	13	52.833	15.6	2.86
Fujirebio Lumipulse G Series	12	41.550	6.8	1.02
Siemens Centaur CP	10	34.090	10.1	1.36
CIS, IRMA	11	23.768	9.8	0.88
Siemens Dimension	6	31.267	7.0	1.11
Brahms Kryptor	3	36.793	1.9	0.51
ELISA	1	20.500	0.0	0.00

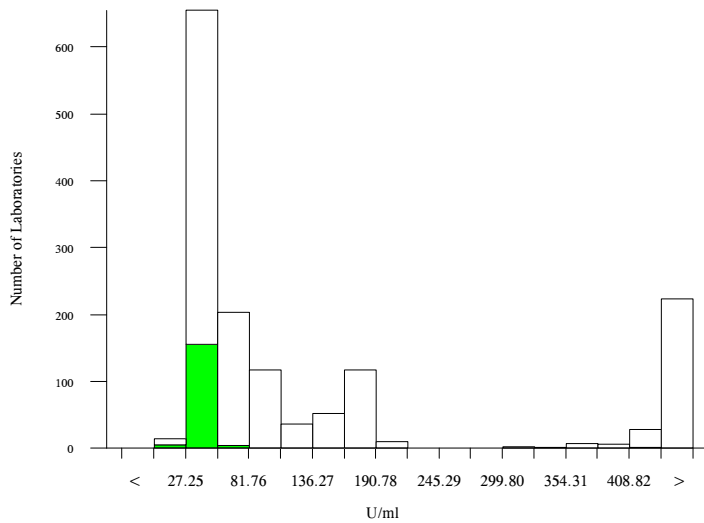


CA 19-9, U/ml

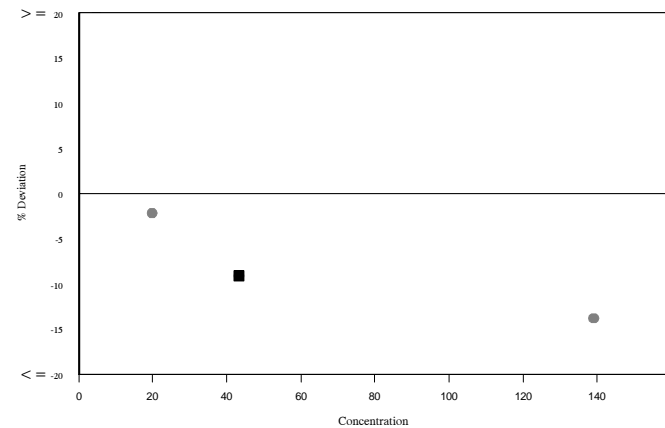
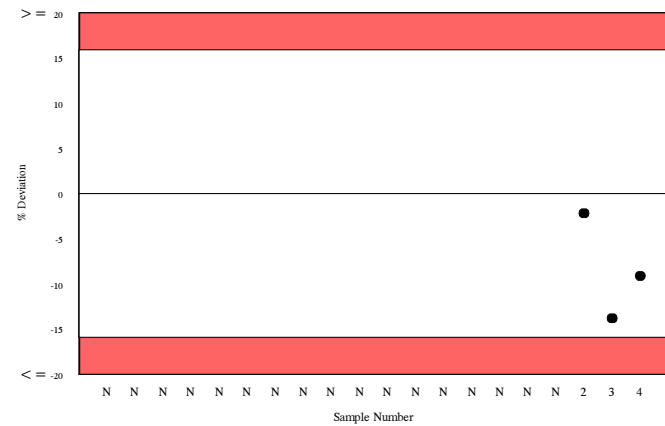
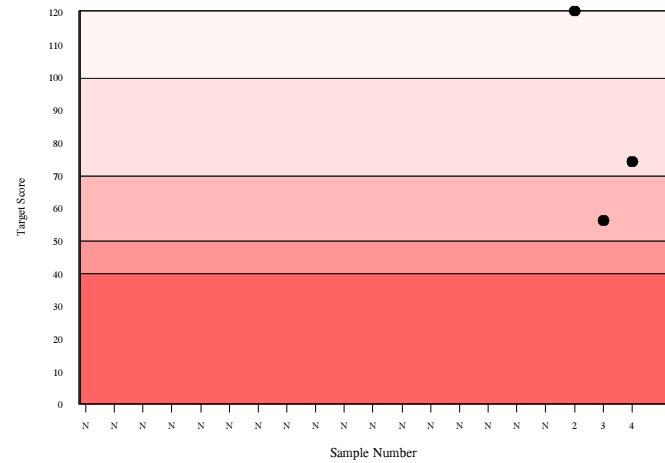
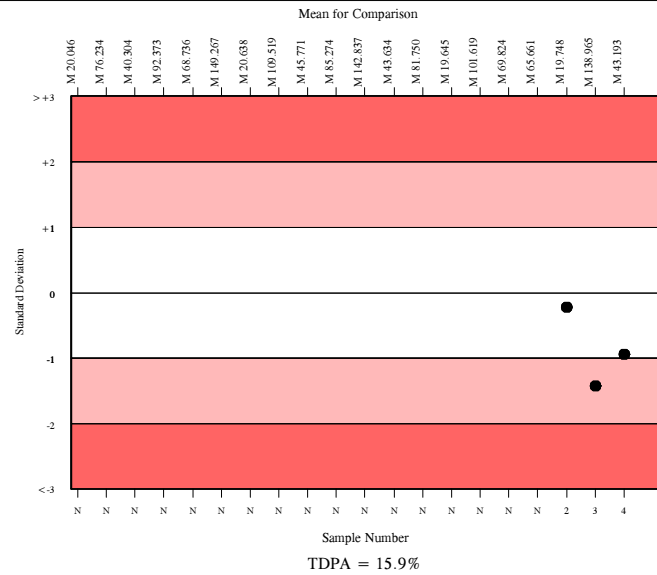
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1316	102.813	108.0	3.83	10.65a	155
Roche Cobas 4000/e411	148	43.193	7.5	0.33	4.18	17

▲ Your Result	39.260	SDI	-0.94
		RMSDI	Too Few
■ Mean for Comparison	43.193	TS	74
		RMTS	Too Few
		%DEV	-9.1
		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	308	40.667	4.2	0.12
Abbott Architect	161	471.562	6.7	3.12
Roche Cobas 4000/e411	148	43.193	7.5	0.33
Siemens Centaur XP/XPT/Classic	149	169.277	5.6	0.97
Beckman DxI 600 / 800	131	57.875	6.5	0.41
Abbott Architect XR/ XR2 kit	83	474.738	5.9	3.85
bioMerieux, VIDAS	74	104.943	5.2	0.79
Roche Elecsys	47	43.181	8.6	0.68
Siemens/DPC Immulite 2000/2500	40	60.672	9.7	1.17
Beckman Access/LXi725	26	64.725	5.3	0.84
SNIBE Maglumi analysers	21	56.202	4.4	0.67
Ortho Vitros 3600/5600/ECi	24	106.413	5.3	1.43
Diasorin Liaison	20	93.287	8.9	2.33
Roche Modular E170	21	40.683	4.4	0.48
TOSOH	18	31.052	5.0	0.46
Siemens Centaur CP	17	159.338	7.8	3.75
CIS, IRMA	14	36.233	12.0	1.46
Siemens/DPC Immulite 1000	11	52.159	20.7	4.07
Fujirebio Lumipulse G Series	12	92.300	5.1	1.70
Siemens Dimension	5	90.620	0.6	0.29
Brahms Kryptor	2	49.500	1.4	0.62

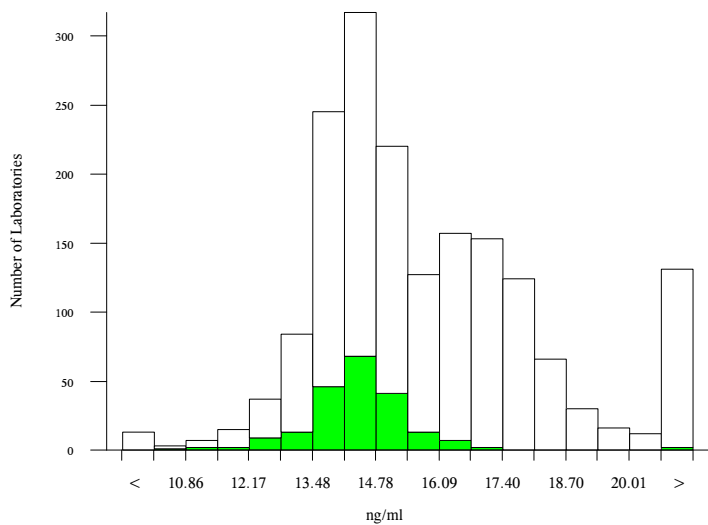


CEA, ng/ml

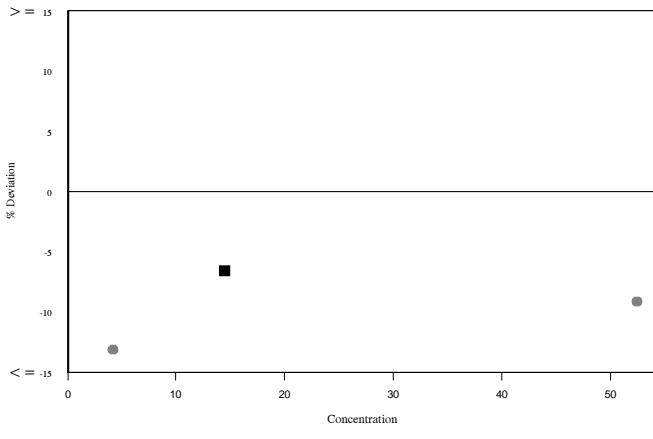
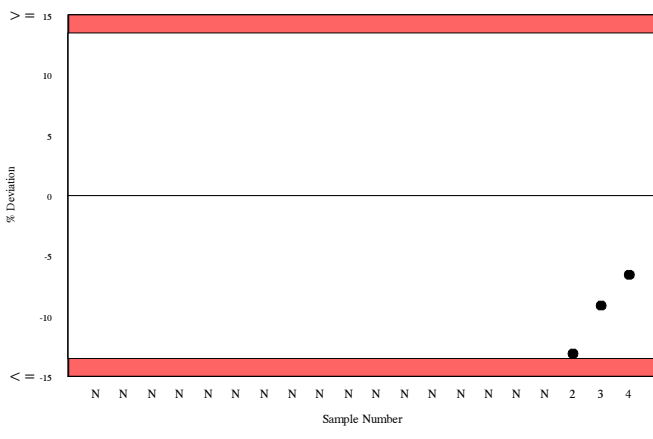
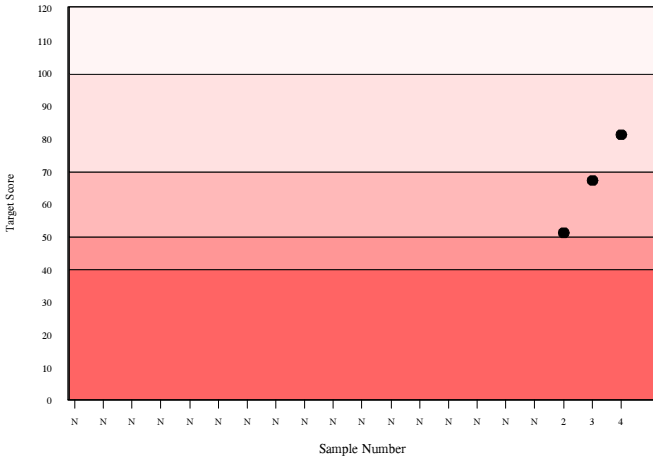
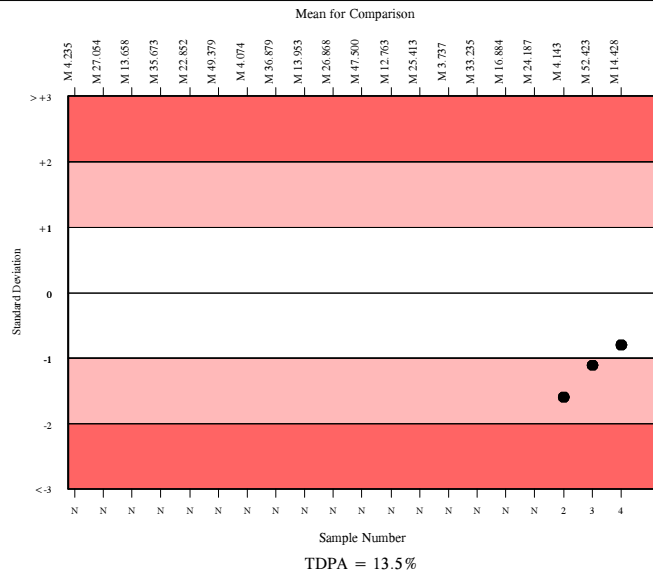
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1613	15.441	11.3	0.05	1.27	144
Roche Cobas 4000/e411	185	14.428	4.9	0.06	1.18	21

▲ Your Result	13.480	SDI RMSDI	-0.80 Too Few
■ Mean for Comparison	14.428	TS RMTS	81 Too Few
		%DEV RM%DEV	-6.6 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	363	14.243	3.8	0.04
Abbott Architect	319	17.311	4.8	0.06
Roche Cobas 4000/e411	185	14.428	4.9	0.06
Siemens Centaur XP/XPT/Classic	173	17.244	8.0	0.13
Beckman DxI 600 / 800	146	14.696	5.1	0.08
bioMerieux, VIDAS	66	15.390	5.9	0.14
Roche Elecsys	52	14.349	6.3	0.16
Siemens/DPC Immulite 2000/2500	48	23.079	6.0	0.25
Beckman Access/LXi725	39	15.560	4.7	0.15
Ortho Vitros 3600/5600/ECi	37	16.172	3.1	0.10
Diasorin Liaison	28	13.871	7.9	0.26
Tosoh	29	24.310	4.6	0.26
SNIBE Maglumi analysers	25	13.371	5.5	0.18
Siemens Centaur CP	24	17.527	6.8	0.31
Roche Modular E170	24	13.981	3.5	0.13
Siemens/DPC Immulite 1000	20	23.040	6.7	0.43
CIS, RIA Coated tube	19	12.090	4.4	0.15
Fujirebio Lumipulse G Series	13	23.523	3.4	0.27
Siemens Dimension	6	15.007	3.6	0.27

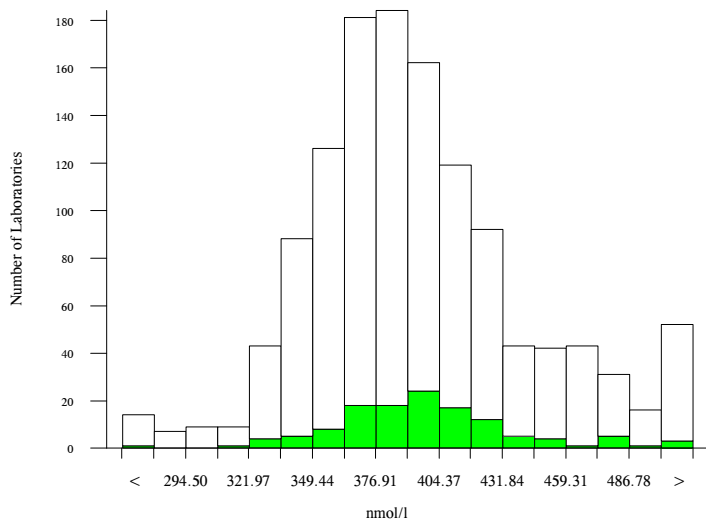


Cortisol, nmol/l

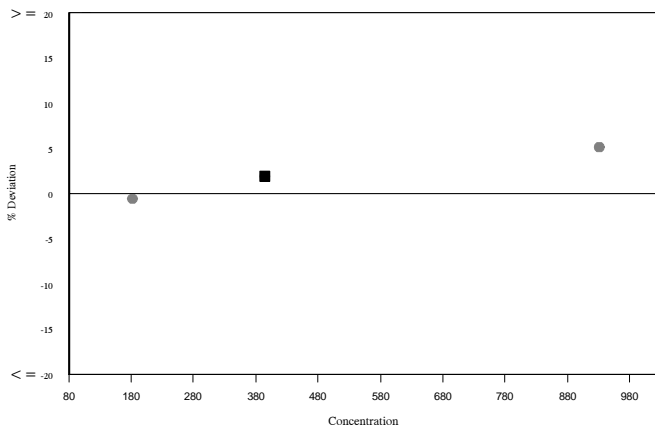
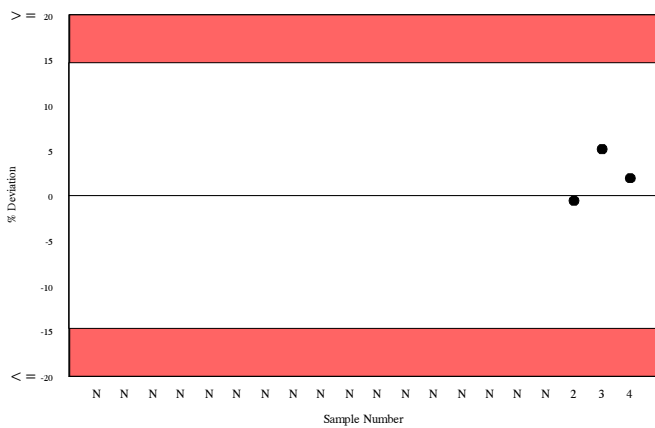
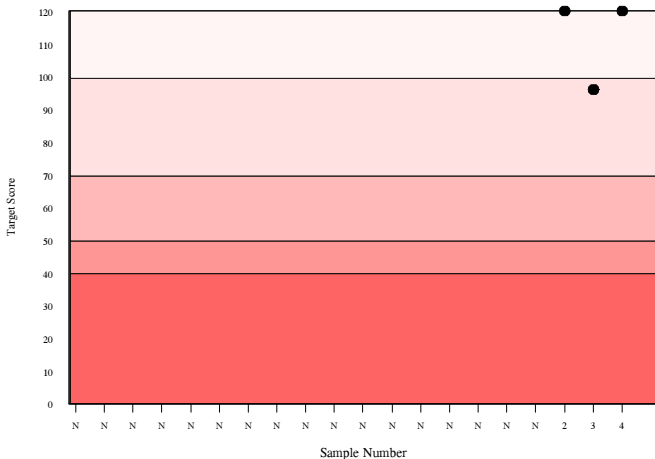
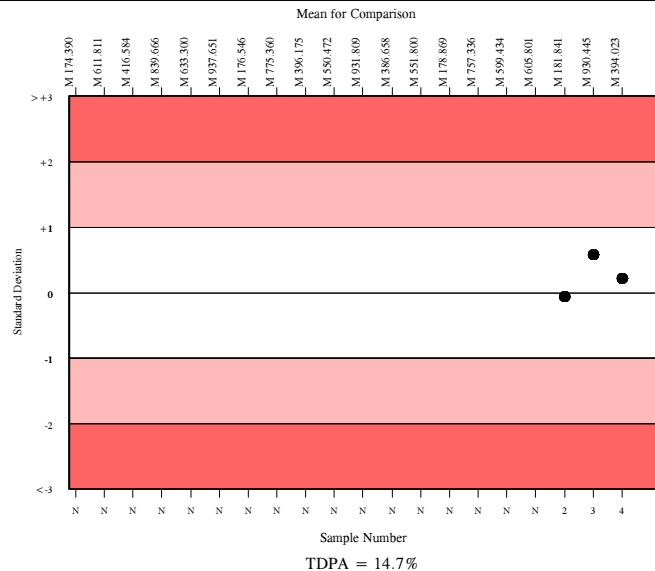
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1161	390.645	9.4	1.34	34.91	101
Roche Cobas 4000/e411	113	394.023	6.9	3.21	35.21	14

▲ Your Result	401.600	SDI	0.22
		RMSDI	Too Few
■ Mean for Comparison	394.023	TS	120
		RMTS	Too Few
		%DEV	1.9
		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	220	382.953	4.7	1.52
Roche Cobas 6000/8000	165	375.963	7.0	2.56
Siemens Centaur XP/XPT/Classic	129	454.534	8.5	4.26
Roche Cobas 4000/e411	113	394.023	6.9	3.21
Roche Cobas 6000/8000 Gen II	100	359.130	3.8	1.70
Beckman Dxl 600 / 800	103	394.917	6.4	3.13
Siemens/DPC Immulite 2000/2500	67	419.409	7.0	4.51
Roche Elecsys	31	384.639	6.3	5.41
bioMerieux, VIDAS	28	327.124	10.8	8.33
Roche Cobas 4000/e411 Gen II	25	389.780	5.5	5.38
Beckman Access/LXi725	25	401.222	5.2	5.25
Ortho Vitros 3600/5600/ECi	26	343.721	5.3	4.51
Siemens/DPC Immulite 1000	20	448.186	14.7	18.42
Tosoh	21	394.998	4.7	5.08
SNIBE Maglumi analysers	14	464.443	2.8	4.38
Diasorin Liaison	15	460.516	8.9	13.19
Roche Modular E170	14	366.541	7.0	8.57
CIS, RIA	13	339.705	4.0	4.68
Roche Modular E170 Gen II	9	364.485	4.0	6.07
Siemens Centaur CP	6	465.345	2.1	5.00
Roche Elecsys Gen II	2	388.860	11.0	37.80



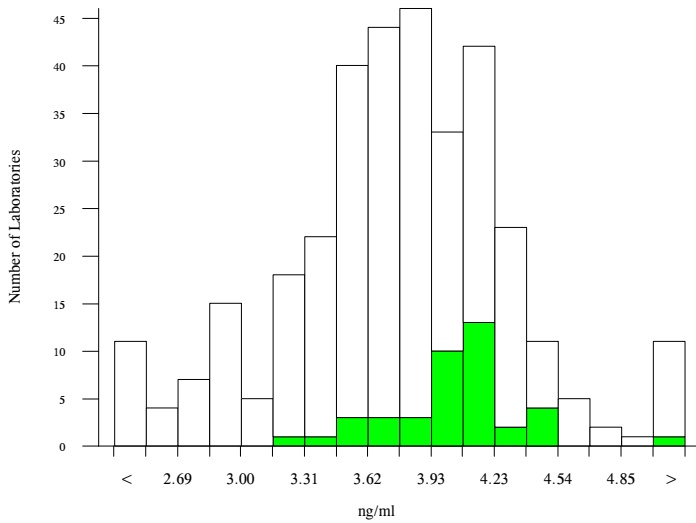
RIQAS

C-Peptide, ng/ml

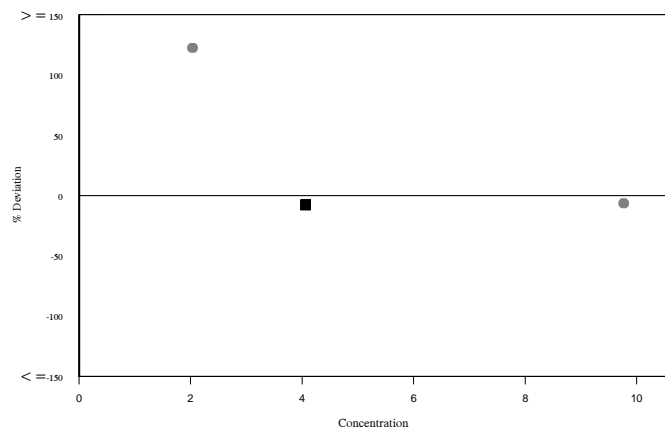
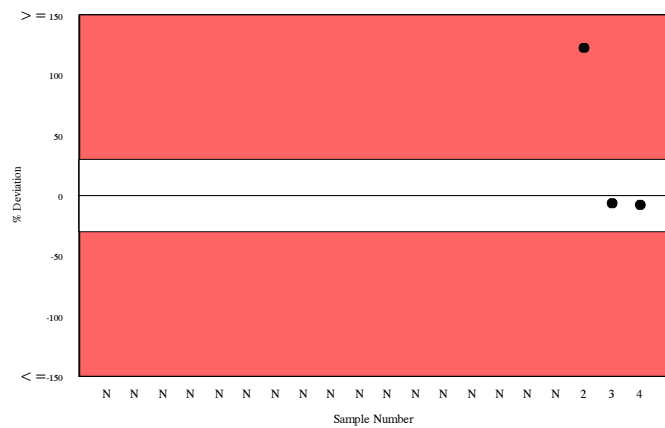
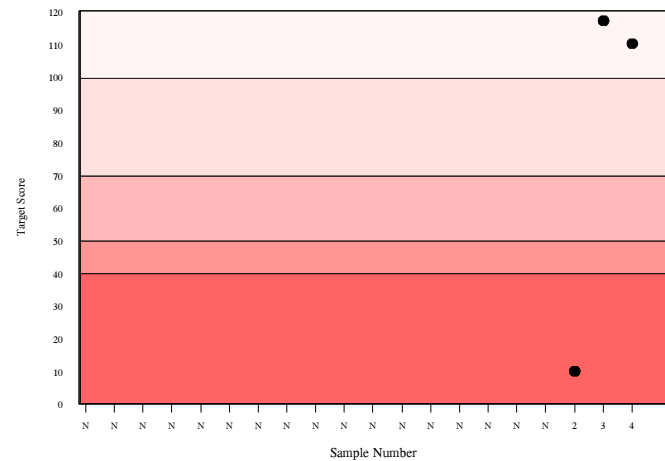
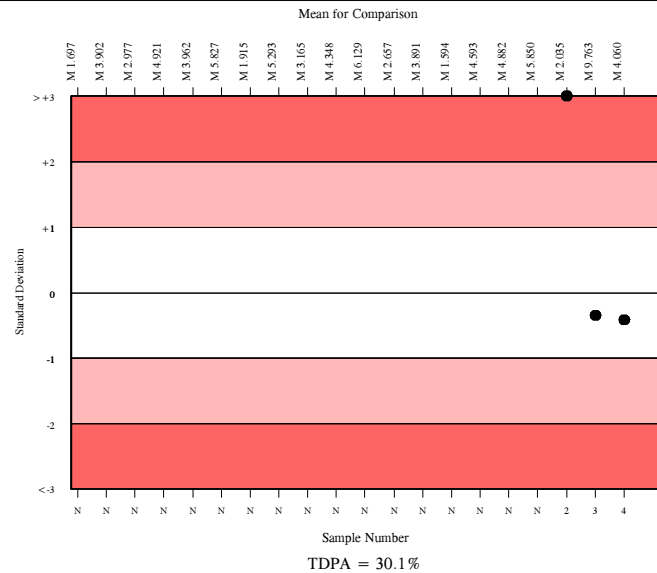
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	309	3.777	10.9	0.03	0.69	31
Roche Cobas 4000/e411	37	4.060	5.4	0.05	0.74	4

▲ Your Result	3.750	SDI	-0.42
		RMSDI	Too Few
■ Mean for Comparison	4.060	TS	110
		RMTS	Too Few
		%DEV	-7.6
		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	63	4.030	5.7	0.04
Siemens/DPC Immulite 2000/2500	51	3.567	5.7	0.04
Abbott Architect	43	3.712	4.6	0.03
Roche Cobas 4000/e411	37	4.060	5.4	0.05
Siemens Centaur XP/XPT/Classic	31	2.982	8.5	0.06
SNIBE Maglumi analysers	17	4.232	4.3	0.05
TOSOH	16	3.720	5.3	0.06
Diasorin Liaison	10	4.745	14.4	0.27
Roche Elecsys	9	4.206	6.4	0.11
Siemens/DPC Immulite 1000	7	3.520	5.8	0.10
Roche Modular E170	6	4.157	6.8	0.14
DIAsource, RIA	3	2.830	21.6	0.44
Fujirebio Lumipulse G Series	3	3.843	10.2	0.28
Monobind Inc. ELISA / CLIA	2	3.360	13.0	0.39
Siemens Centaur CP	2	2.571	0.6	0.01
DRG ELISA	1	4.410	0.0	0.00
ELISA	2	3.124	17.0	0.47

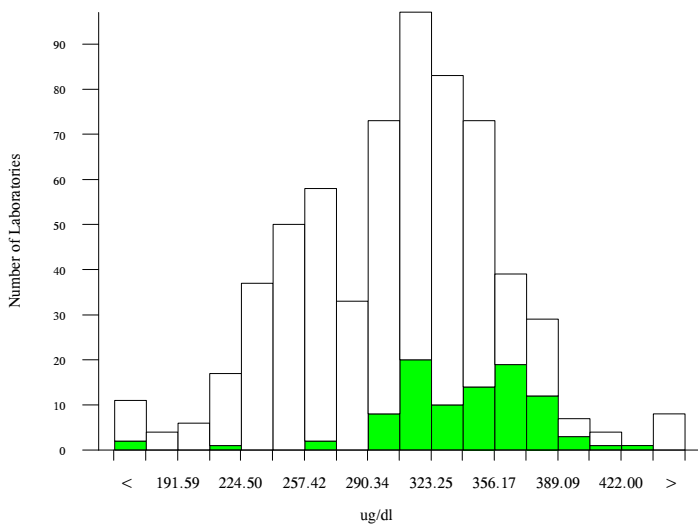


DHEA-S, ug/dl

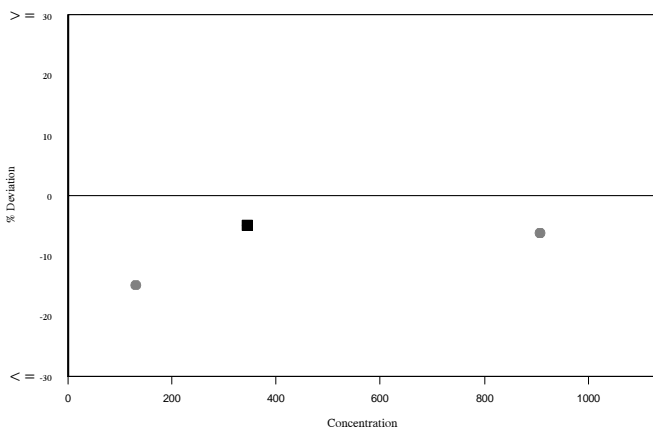
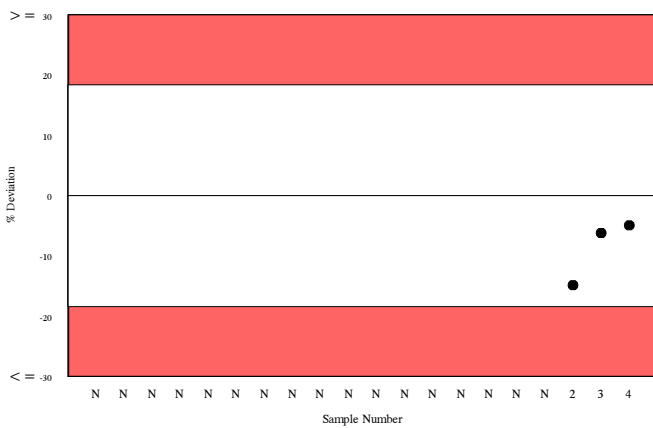
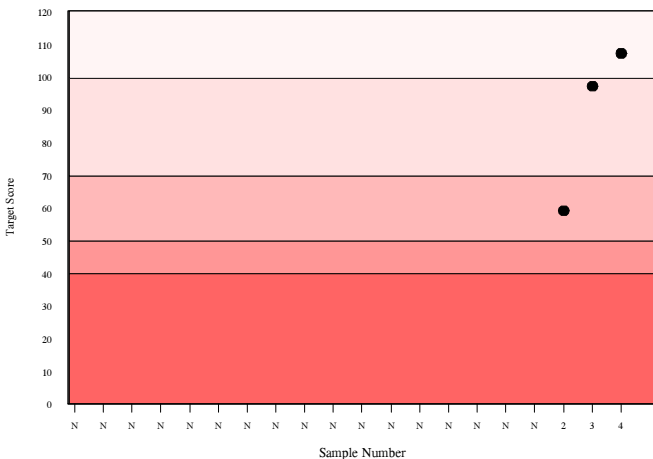
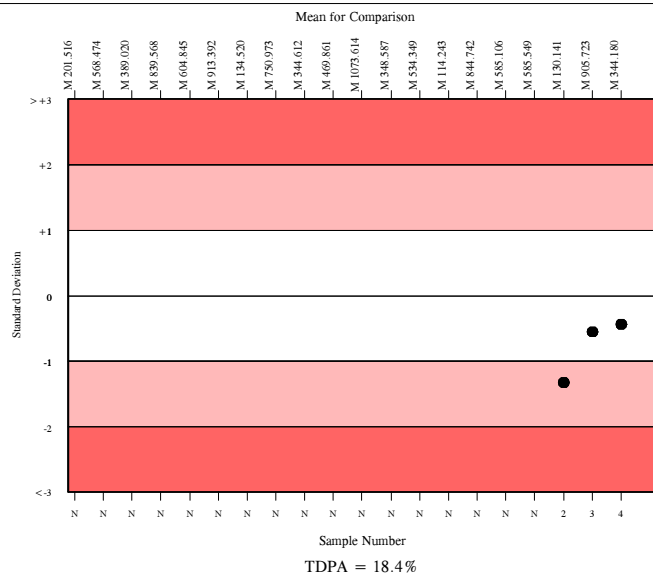
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	596	306.800	14.3	2.24	34.32	34
Roche Cobas 4000/e411	86	344.180	7.9	3.68	38.50	7

▲ Your Result	327.200	SDI	-0.44
		RMSDI	Too Few
■ Mean for Comparison	344.180	TS	107
		RMTS	Too Few
		%DEV	-4.9
		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	127	337.894	5.4	2.04
Abbott Architect	99	313.594	5.1	2.02
Roche Cobas 4000/e411	86	344.180	7.9	3.68
Siemens/DPC Immulite 2000/2500	74	251.335	7.5	2.75
Beckman DxI 600 / 800	44	272.050	8.5	4.35
Siemens Centaur XP/XPT/Classic	28	241.359	6.6	3.77
Roche Elecsys	22	347.966	9.5	8.77
Siemens/DPC Immulite 1000	21	250.944	12.1	8.26
Roche Modular E170	13	337.933	2.5	2.89
TOSOH	13	335.548	5.0	5.80
SNIBE Maglumi analysers	11	298.695	0.8	0.93
Diasorin Liaison	12	219.163	17.4	13.80
Beckman Access/LXi725	8	266.369	6.9	8.14
Immunotech RIA	5	271.361	5.2	7.90
ELISA	5	320.662	28.1	50.44
Siemens Centaur CP	4	239.307	23.9	35.68

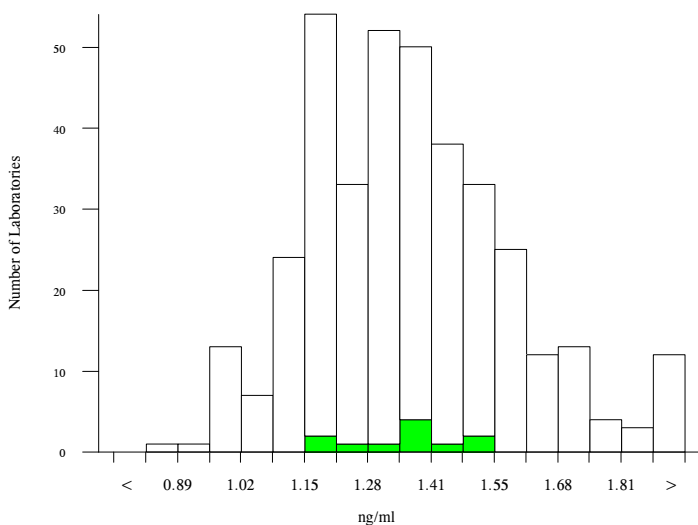


Digoxin, ng/ml

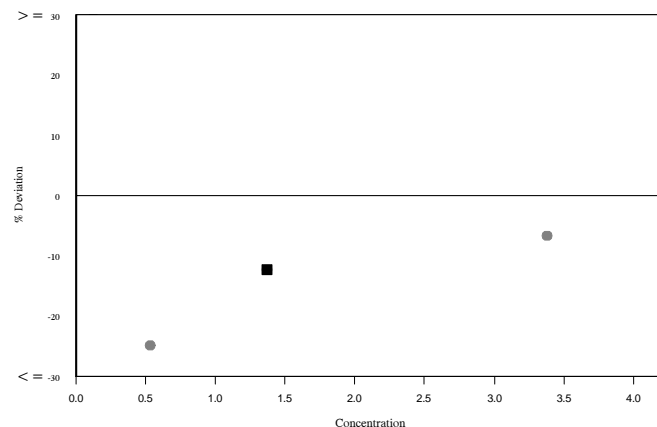
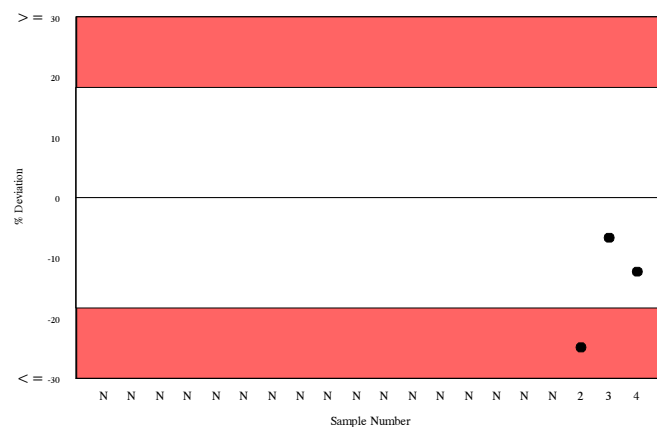
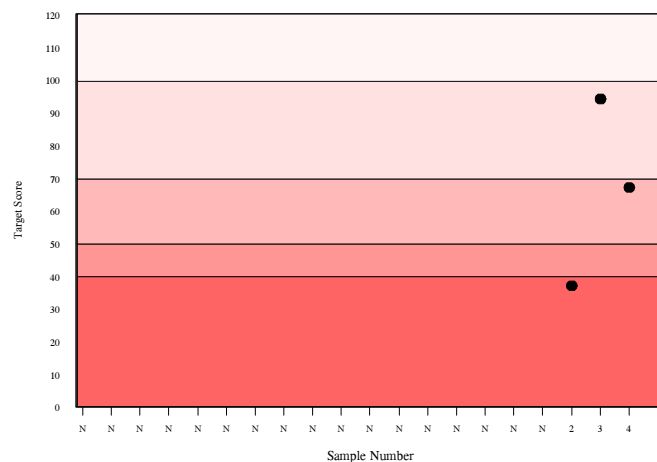
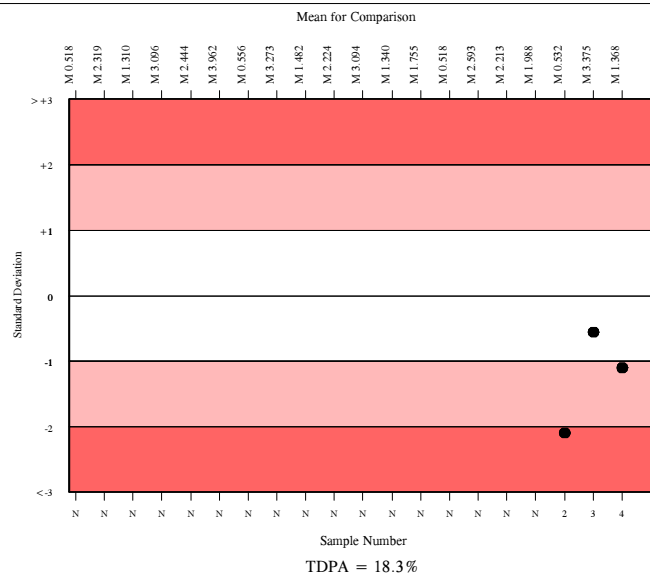
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	355	1.352	13.0	0.01	0.15	21
bioMerieux, VIDAS	11	1.368	8.5	0.04	0.15	0

▲ Your Result	1.200	SDI	-1.11
		RMSDI	Too Few
■ Mean for Comparison	1.368	TS	67
		RMTS	Too Few
		%DEV	-12.3
		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)	90	1.183	5.6	0.01
Roche Cobas E601/602	36	1.423	6.3	0.02
Siemens Centaur XP/XPT/Classic	29	1.674	5.9	0.02
Roche Cobas C501/502/701	26	1.374	5.3	0.02
Abbott Architect (PETINIA)	17	1.312	7.9	0.03
Siemens Dimension	17	1.399	5.9	0.03
Beckman Dxl 600 / 800	13	1.432	4.2	0.02
Roche Cobas 4000/e411	12	1.525	9.9	0.05
Beckman AU400/600/640/2700/5400	10	1.474	6.0	0.03
bioMerieux, VIDAS	11	1.368	8.5	0.04
Siemens/DPC Immulite 2000/2500	10	1.498	21.1	0.12
Roche Integra	11	1.406	7.1	0.04
SNIBE Maglumi analysers	10	1.336	2.0	0.01
Vitros	9	1.393	11.2	0.07
Beckman DxC	7	1.255	19.4	0.11
Roche Elecsys	8	1.426	9.9	0.06
Siemens ADVIA 1200/1650/1800/2400	6	1.295	3.7	0.02
Roche Cobas 4000/c311	5	1.390	8.9	0.07
Siemens/DPC Immulite 1000	5	1.928	31.4	0.34
Siemens Centaur CP	3	1.703	6.2	0.08
Roche Modular E170	3	1.523	9.8	0.11

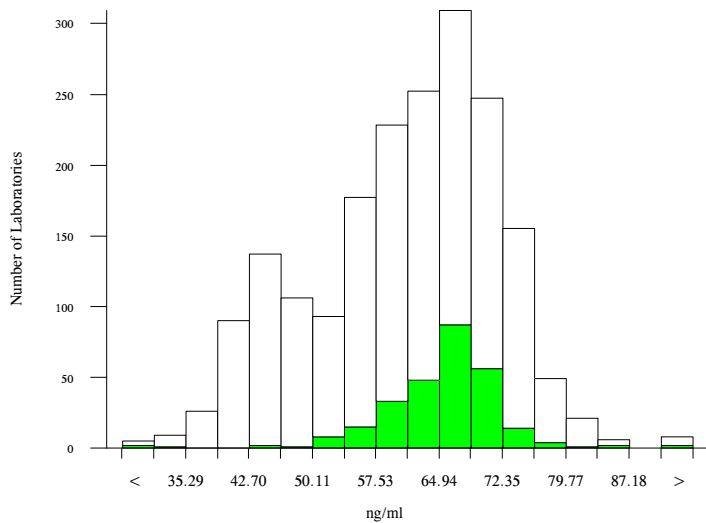


Ferritin, ng/ml

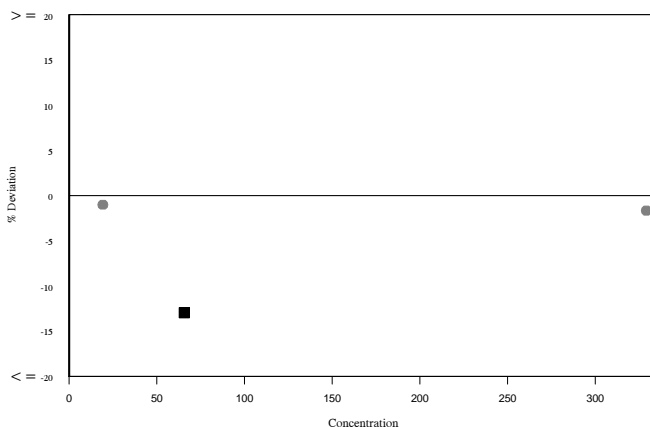
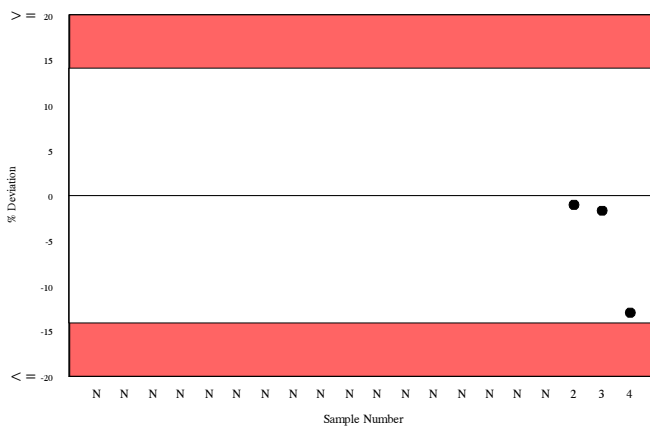
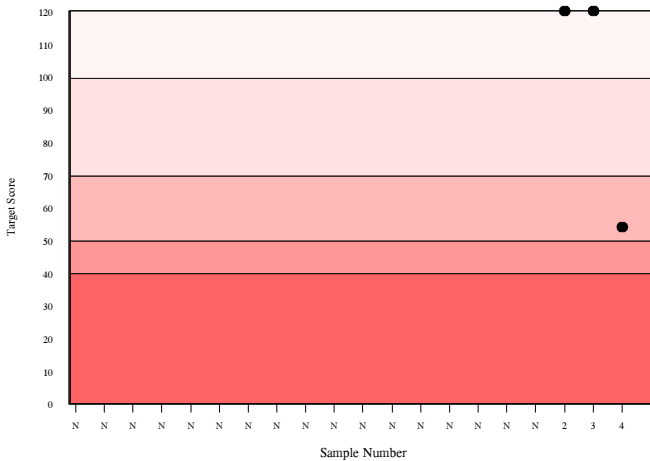
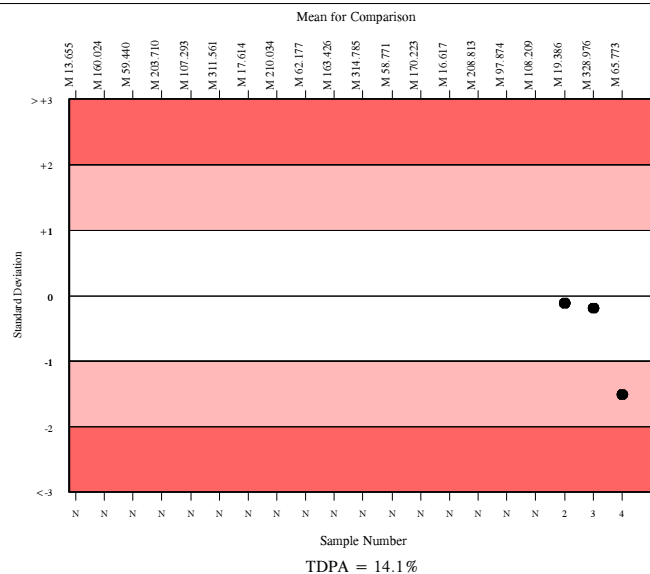
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1850	61.239	16.1	0.29	5.25	68
Roche Elecsys / Cobas e411	256	65.773	7.3	0.38	5.64	20

▲ Your Result	57.250	SDI	-1.51
		RMSDI	Too Few
■ Mean for Comparison	65.773	TS	54
		RMTS	Too Few
		%DEV	-13.0
		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/e602	378	66.353	4.7	0.20
Abbott Architect Chemiluminescence	296	73.101	4.8	0.26
Roche Elecsys / Cobas e411	256	65.773	7.3	0.38
Siemens Centaur XP/XPT/Classic	190	58.793	5.3	0.28
Beckman DxI 600 / 800	171	44.754	6.8	0.29
Beckman Access/LXi725	59	44.420	6.8	0.49
bioMerieux, VIDAS	51	53.862	9.7	0.92
Roche Cobas C501/502/701	48	59.589	7.3	0.79
Siemens/DPC Immulite 2000/2500	42	58.877	4.9	0.56
Ortho Vitros 3600/5600/ECi	42	42.838	6.5	0.54
Diasorin Liaison	35	57.633	8.2	0.99
Siemens Centaur CP	29	54.907	7.5	0.96
Tosoh	25	43.684	5.8	0.63
Roche Cobas 4000/c311	27	64.657	10.2	1.58
Beckman AU400/600/640/2700/5400	22	55.774	5.9	0.87
Siemens Dimension	25	57.948	9.6	1.40
Siemens/DPC Immulite 1000	20	55.468	10.6	1.65
SNIBE Maglumi analysers	19	53.039	5.5	0.84
Roche Integra	11	63.811	4.7	1.12
Fujirebio Lumipulse G Series	8	36.850	2.9	0.48
Abbott Architect Quantia	6	62.325	13.0	4.13

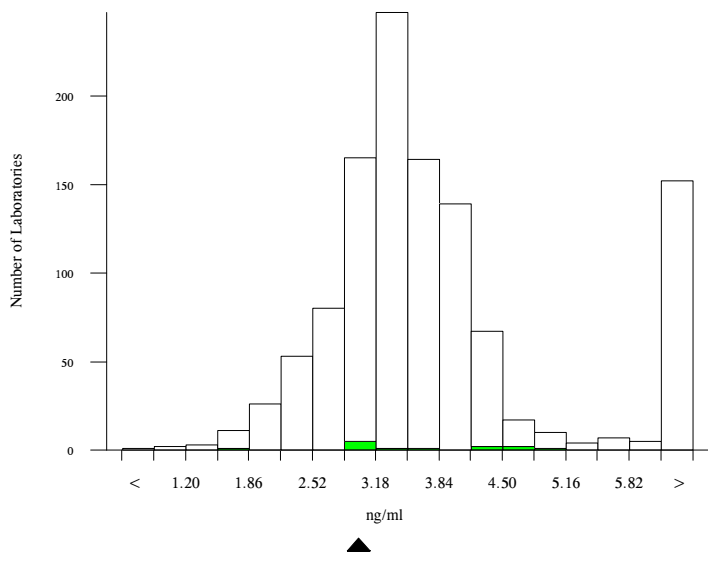
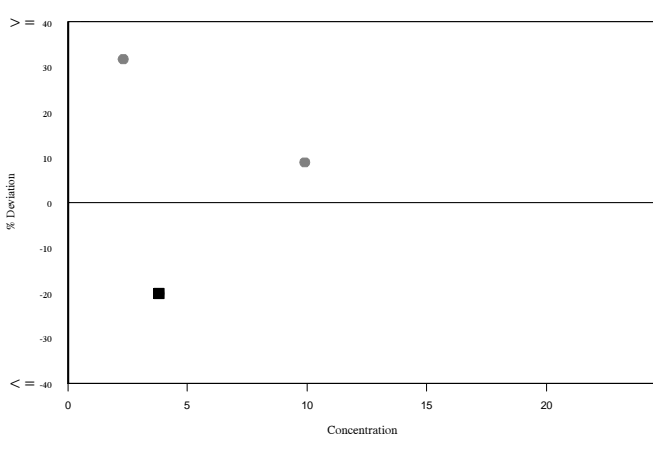
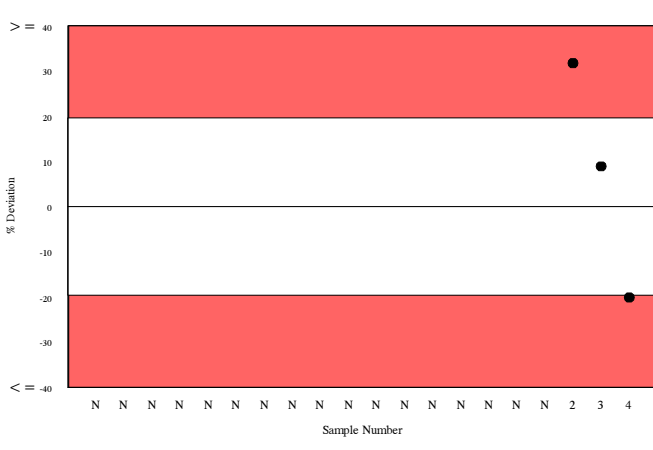
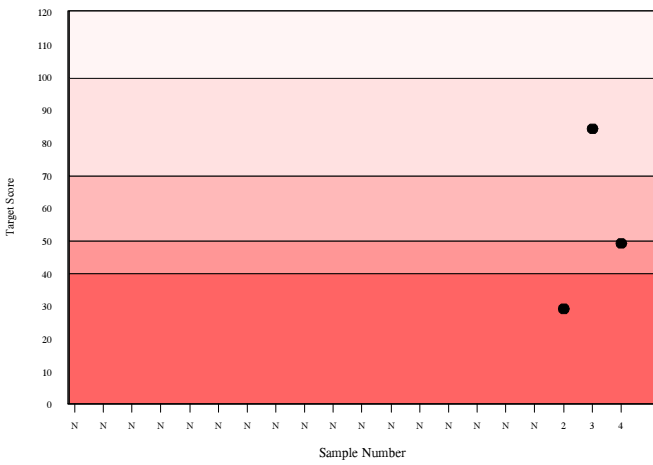
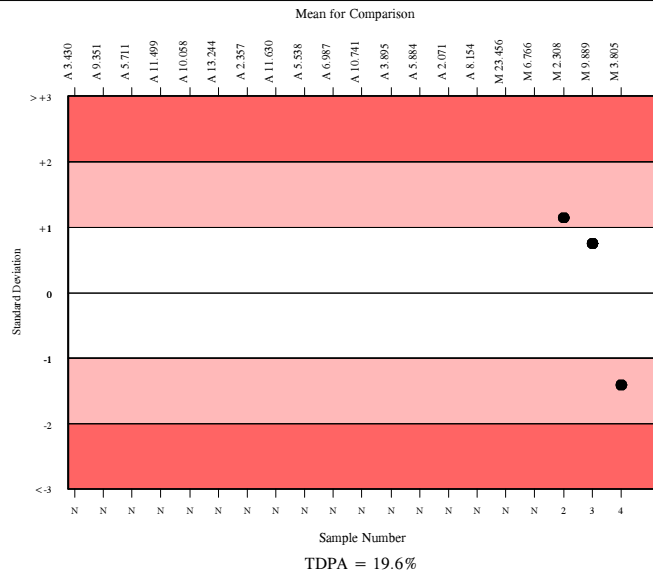


Folate, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1032	3.514	25.0	0.03	0.42	122
Roche Folate III - 04476433	12	3.805	21.6	0.30	0.54a	1

▲ Your Result	3.040	SDI	-1.41
		RMSDI	Too Few
■ Mean for Comparison	3.805	TS	49
		RMTS	Too Few
		%DEV	-20.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	39%
Acceptable limits of performance for RIQAS	19.60%
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Abbott Architect	225	3.470	12.0	0.03
Siemens Centaur XP/XPT/Classic(enhanced)	129	7.524	9.6	0.08
Roche Cobas 6000/8000	107	3.316	9.1	0.04
Roche Cobas 6000/8000 Folate III	101	3.364	8.6	0.04
Beckman DxI 600 / 800 - A98032	79	3.947	6.4	0.04
Roche Cobas 4000/e411	73	2.788	22.8	0.09
Beckman DxI 600 / 800 - A14208	64	3.962	7.2	0.04
Roche Folate III - 07559992	56	3.216	13.9	0.07
Siemens/DPC Immulite 2000	40	2.943	11.6	0.07
Roche cobas 4000/e411 Folate III	42	3.015	12.3	0.07
Beckman Access/LXi725	32	3.928	5.6	0.05
Roche Elecsys	18	2.695	14.8	0.12
Ortho Vitros 3600/5600/ECi	17	2.480	15.4	0.12
Roche Folate III - 04476433	12	3.805	21.6	0.30
SNIBE Maglumi Analyser	10	3.969	1.8	0.03
Roche Modular E170	9	3.287	4.1	0.06
Siemens Dimension	7	2.260	8.2	0.09
Roche Modular E170 Folate III	7	3.397	7.1	0.11
TOSOH	7	5.614	9.6	0.26
Siemens Centaur CP (enhanced kit)	5	8.217	10.1	0.46
MP Biomedicals RIA	6	2.713	7.3	0.10



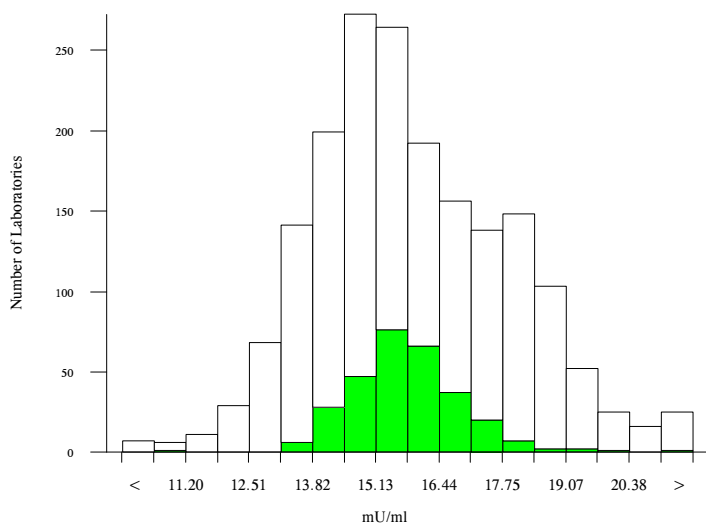
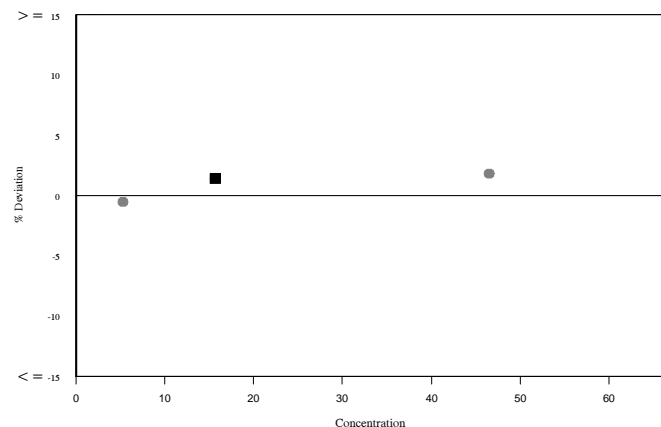
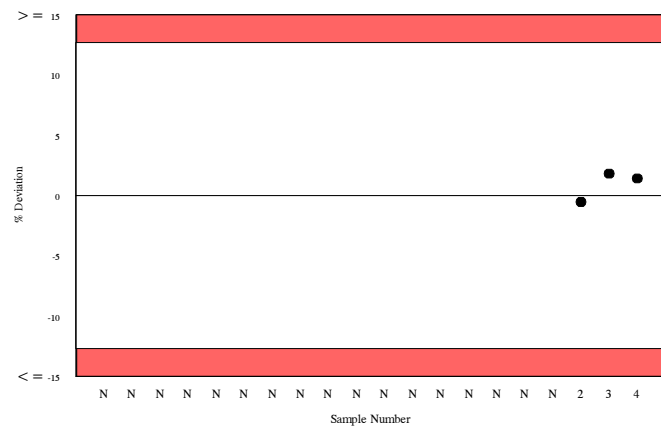
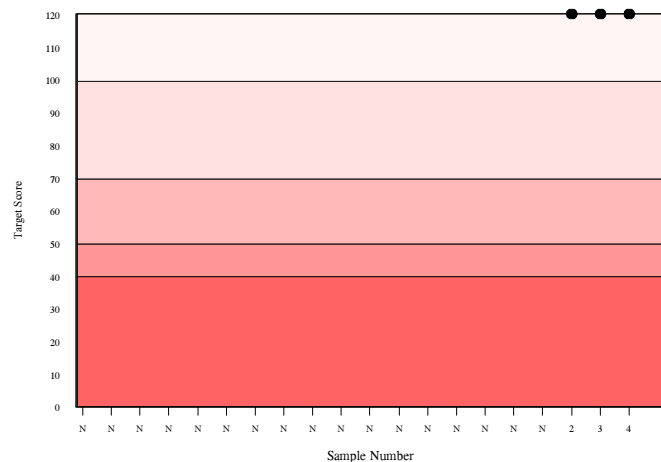
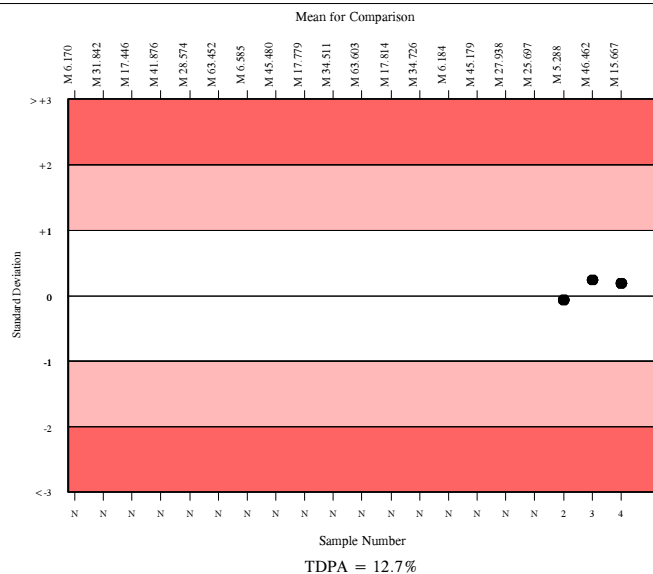
FSH, mU/ml

- All Methods
- Roche Cobas 4000/e411

N	Mean	CV%	U _m	SDPA	Exc.
1761	15.792	11.1	0.05	1.22	92
276	15.667	5.9	0.07	1.21	18

▲ Your Result	15.890	SDI RMSDI	0.18 Too Few
■ Mean for Comparison	15.667	TS RMTS	120 Too Few
		%DEV RM%DEV	1.4 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	348	15.025	3.9	0.04
Abbott Architect	293	13.851	4.4	0.04
Roche Cobas 4000/e411	276	15.667	5.9	0.07
Siemens Centaur XP/XPT/Classic	167	18.325	4.1	0.07
Beckman DxI 600/800	149	17.038	7.0	0.12
bioMerieux, VIDAS	78	18.361	6.2	0.16
Siemens/DPC Immulite 2000/2500	66	16.723	5.9	0.15
Roche Elecsys	54	15.508	6.8	0.18
Beckman Access/LXi725	48	16.958	7.2	0.22
Ortho Vitros 3600/5600/ECi	40	12.238	4.4	0.11
Tosoh	37	18.258	6.5	0.25
Diasorin Liaison	36	18.801	11.2	0.44
Siemens/DPC Immulite 1000	29	17.175	5.3	0.21
Roche Modular E170	26	14.922	3.4	0.13
Siemens Centaur CP	25	16.160	5.0	0.20
SNIBE Maglumi analysers	19	16.822	6.4	0.31
Fujirebio Lumipulse G Series	8	13.000	3.1	0.18
DIAsource, IRMA	4	15.550	7.2	0.70
Siemens Dimension	2	14.240	3.6	0.45
Immunotech IRMA	2	13.505	0.8	0.09



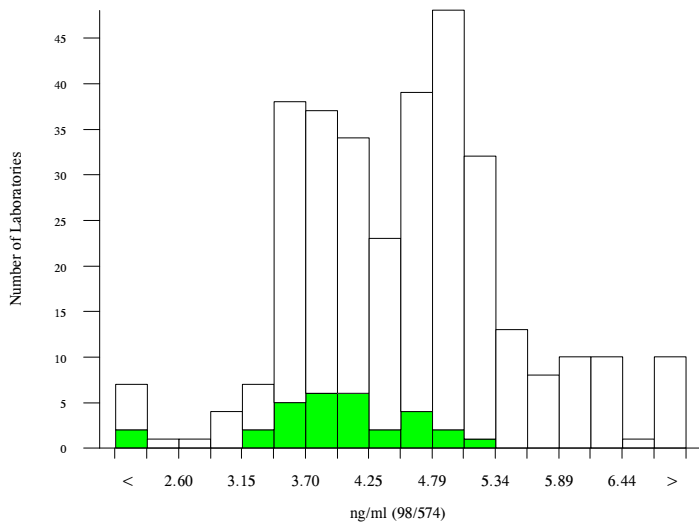
RIQAS

GH, ng/ml (98/574)

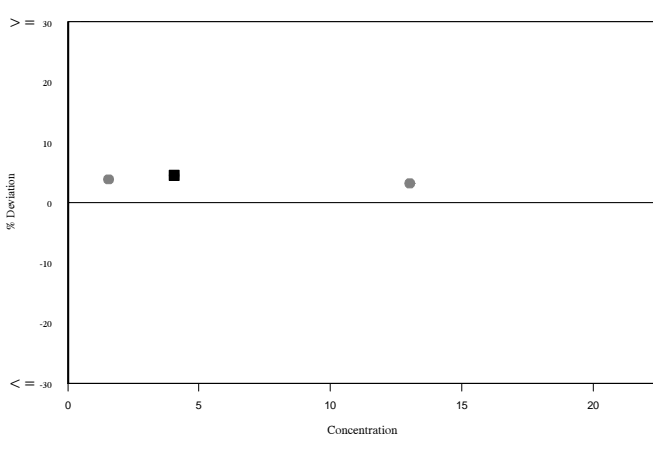
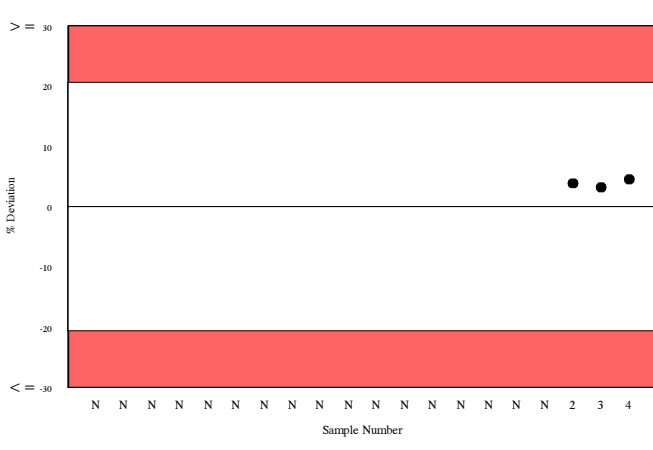
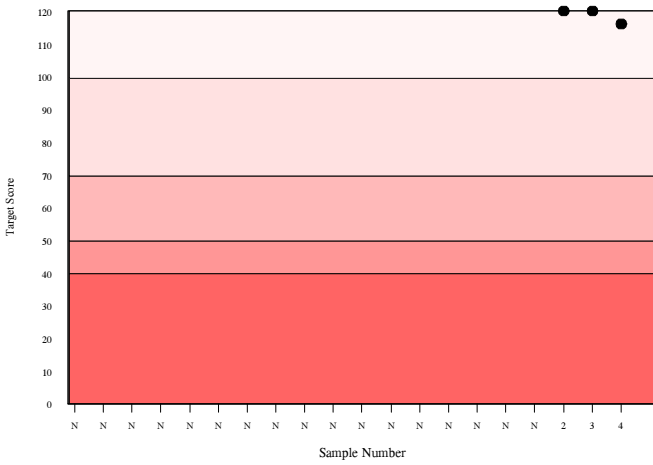
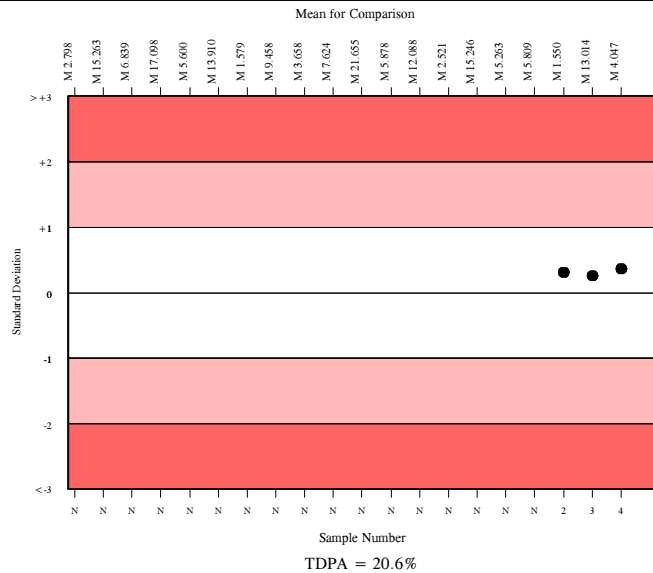
	N	Mean	CV%	U _m	SDPA	Exc.
<input type="checkbox"/> All Methods	297	4.525	16.2	0.05	0.57	26
<input checked="" type="checkbox"/> Roche Cobas 4000/e411	27	4.047	10.6	0.10	0.51	3

▲ Your Result	4.230	SDI	0.36
		RMSDI	Too Few
■ Mean for Comparison	4.047	TS	116
		RMTS	Too Few
		%DEV	4.5
		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	102	5.051	6.3	0.04
Roche Cobas 6000/8000	35	3.870	10.2	0.08
Siemens/DPC Immulite 1000	29	4.590	8.5	0.09
Roche Cobas 4000/e411	27	4.047	10.6	0.10
Diasorin Liaison	24	3.795	6.4	0.06
Beckman Dxi 600 / 800	15	3.718	4.6	0.05
SNIBE Maglumi analysers	14	6.230	3.3	0.07
Beckman Access/LXi725	10	3.723	11.6	0.17
Tosoh	8	4.898	4.0	0.09
IDS iSYS	8	4.345	7.3	0.14
CIS, IRMA	4	4.098	6.8	0.17
ELISA	2	5.695	5.1	0.26
Roche Elecsys	3	3.683	4.7	0.12
Roche Modular E170	3	3.870	15.9	0.44
DIAsource IRMA	2	5.431	34.6	1.66



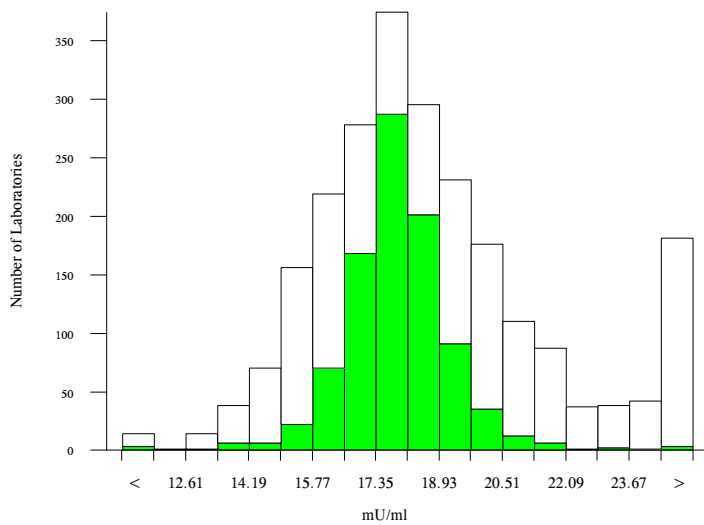
hCG, mU/ml

- All Methods
- Roche hCG + Beta

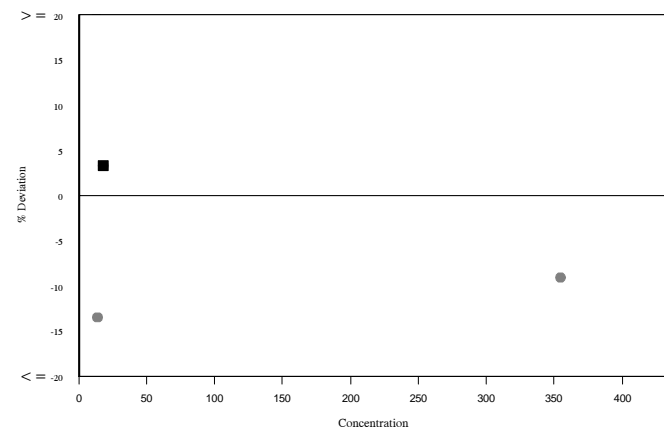
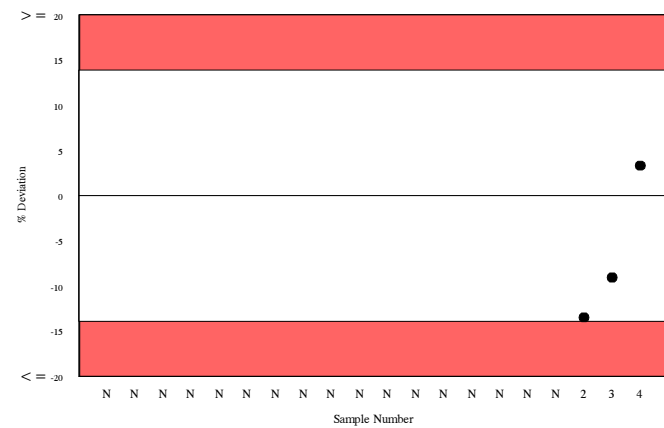
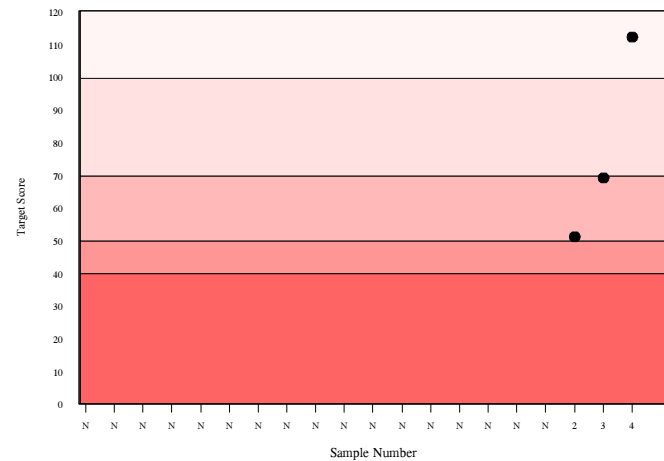
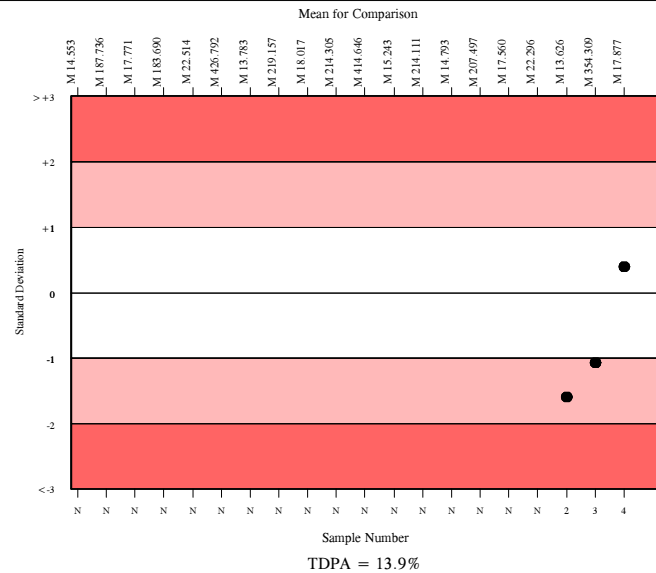
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2132	18.144	11.6	0.06	1.53	232
Roche hCG + Beta	845	17.877	5.2	0.04	1.51	70

▲ Your Result	18.470	SDI	0.39
		RMSDI	Too Few
■ Mean for Comparison	17.877	TS	112
		RMTS	Too Few
		%DEV	3.3
		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	845	17.877	5.2	0.04
Abbott Architect	390	15.891	6.8	0.07
Siemens Centaur XP/XPT/Classic	199	19.841	6.7	0.12
Beckman Dxi 600 / 800	125	19.988	4.8	0.11
bioMerieux, VIDAS	97	23.019	8.4	0.24
Siemens/DPC Immulite 2000	71	32.240	8.2	0.39
Roche hCG STAT(Intact)	69	16.424	6.3	0.16
Ortho Vitros 3600/5600/ECi	57	23.980	5.7	0.23
Beckman Access/LXi725	45	19.348	4.9	0.18
Siemens Centaur CP	42	19.201	4.7	0.17
Beckman Access Total BhCG (5th IS)	39	19.955	5.5	0.22
Beckman Dxi Total BhCG (5th IS)	37	20.035	5.0	0.21
Siemens/DPC Immulite 1000	28	30.461	12.6	0.91
Diasorin Liaison	25	16.046	15.8	0.63
SNIBE Maglumi analysers	19	15.712	10.4	0.47
Siemens Dimension	17	22.340	3.2	0.22
Tosoh	16	23.225	6.8	0.50
Roche Cobas Core EIA	13	18.658	5.2	0.34
Fujirebio Lumipulse G Series	11	15.373	10.1	0.59
Radiometer AQT90 Flex	8	16.875	8.0	0.60
Siemens Stratus CS	3	23.500	2.8	0.47

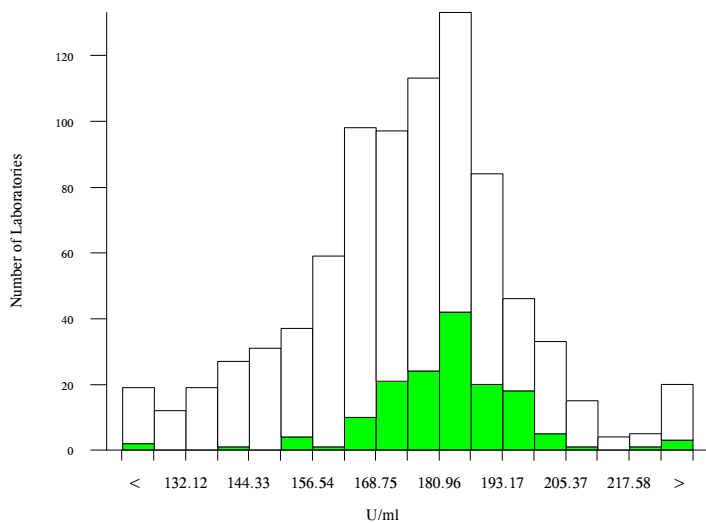


IgE, U/ml

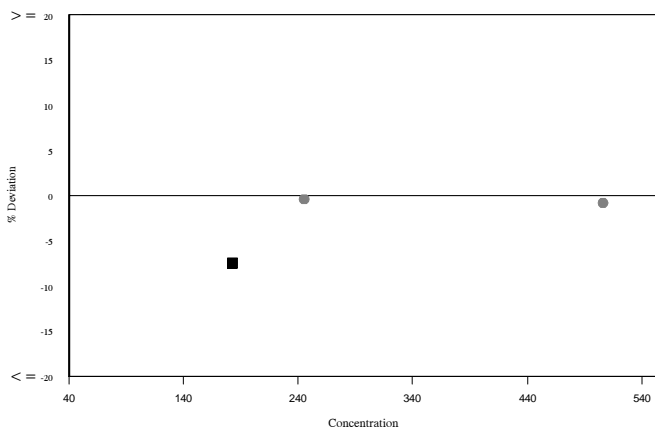
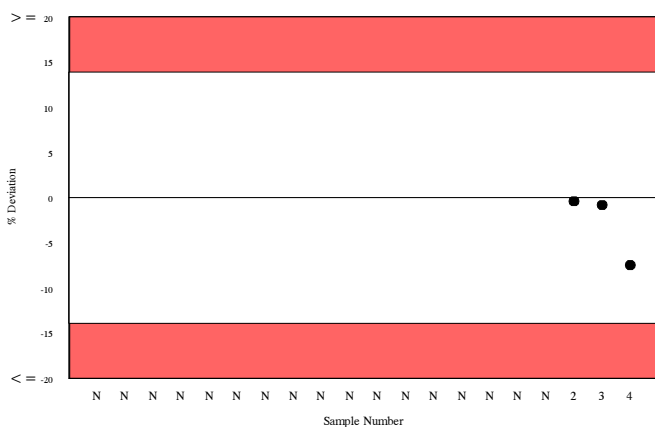
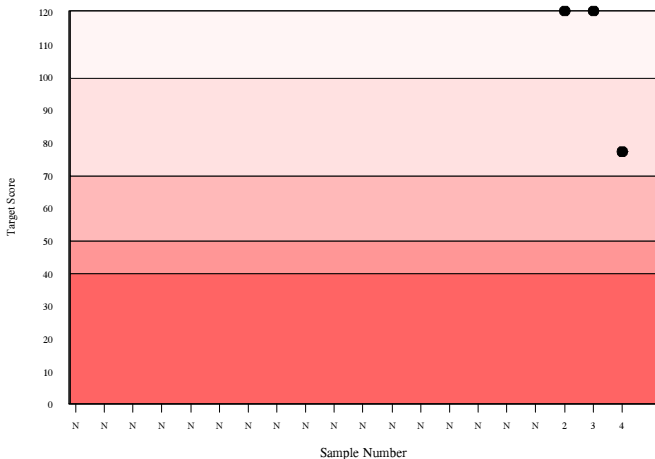
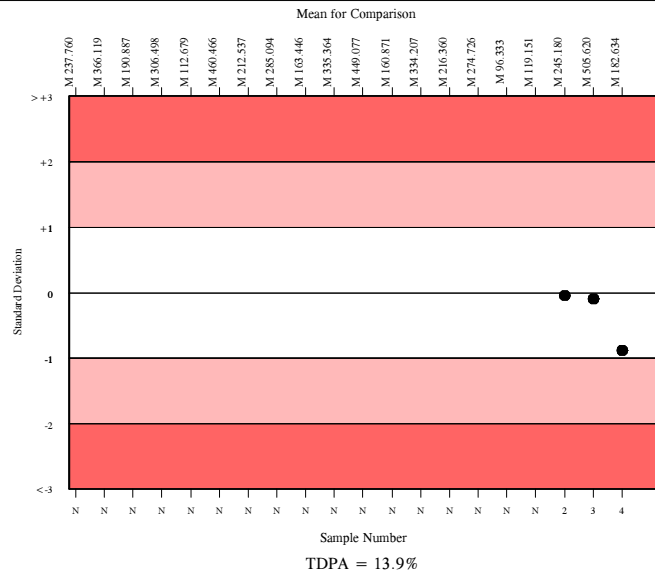
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	787	174.858	9.3	0.73	14.78	66
Roche Cobas 4000/e411	141	182.634	5.1	0.99	15.43	12

▲ Your Result	169.000	SDI	-0.88
		RMSDI	Too Few
■ Mean for Comparison	182.634	TS	77
		RMTS	Too Few
		%DEV	-7.5
		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	164	185.904	4.4	0.80
Roche Cobas 4000/e411	141	182.634	5.1	0.99
Siemens/DPC Immulite 2000/2500	89	181.021	10.0	2.39
Siemens Centaur XP/XPT/Classic	80	169.573	5.6	1.32
bioMerieux, VIDAS	47	146.759	10.1	2.70
Abbott Architect	44	166.895	5.0	1.56
Beckman Dxi 600 / 800	39	159.103	7.4	2.37
TOSOH	28	170.776	4.3	1.72
Siemens/DPC Immulite 1000	26	189.750	8.4	3.91
Phadia Immucap instruments	21	157.190	8.5	3.63
Roche Elecsys	18	179.961	8.7	4.61
Roche Modular E170	13	184.646	2.5	1.62
SNIBE Maglumi analysers	12	134.281	4.3	2.10
Siemens Centaur CP	10	174.800	12.4	8.56
Beckman Access/LXi725	9	151.037	8.5	5.37
Fujirebio Lumipulse G Series	6	146.770	2.3	1.70
Biomed	5	162.488	13.3	12.11
Beckman Immage	4	146.000	11.4	10.36
Siemens/Dade Behring Nephelometer	4	175.000	4.7	5.15
Randox RX series Instruments	4	150.828	4.5	4.20
Monobind Inc. ELISA / CLIA	4	141.445	20.4	18.01



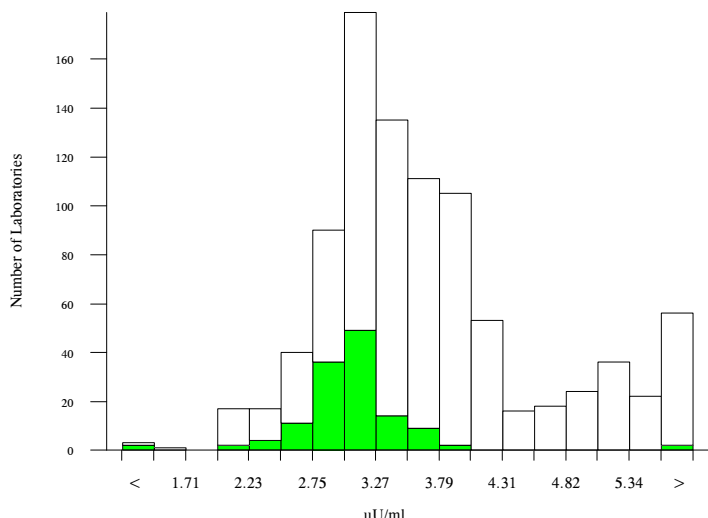
RIQAS

Insulin, uU/ml

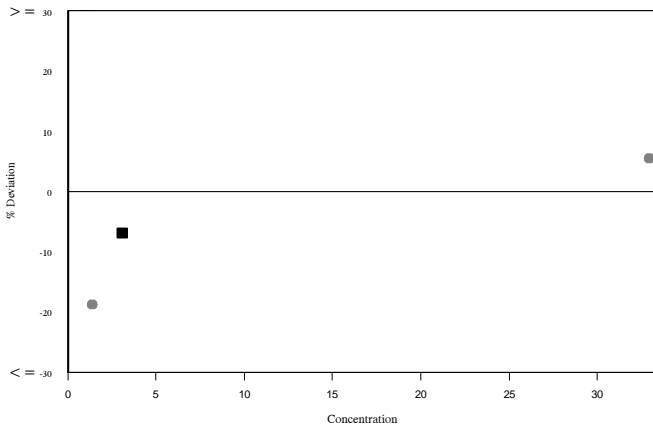
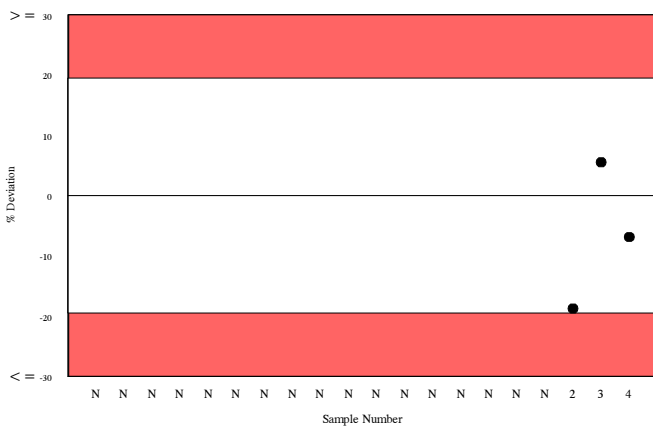
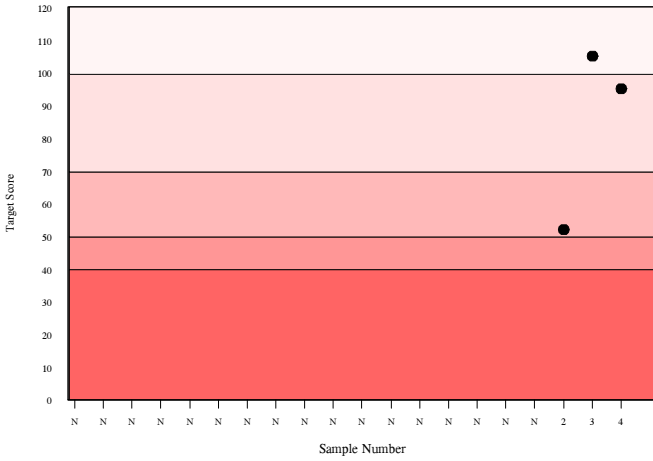
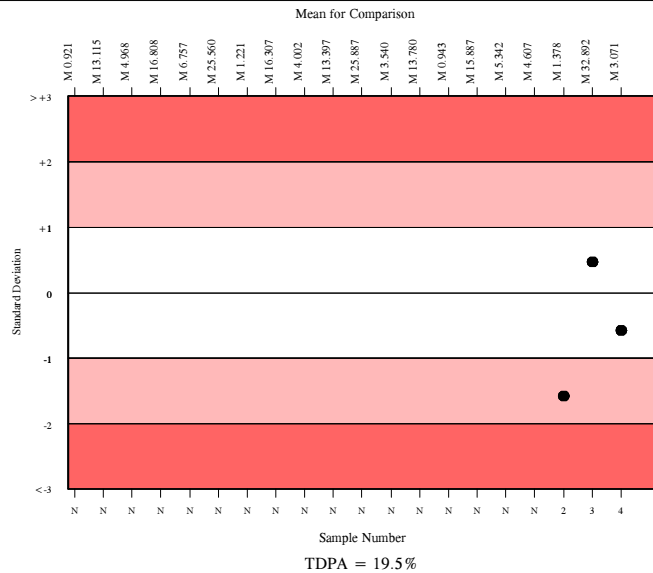
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	846	3.533	19.6	0.03	0.42	83
Roche Cobas 4000/e411	118	3.071	8.4	0.03	0.36	13

▲ Your Result	2.860	SDI	-0.58
		RMSDI	Too Few
■ Mean for Comparison	3.071	TS	95
		RMTS	Too Few
		%DEV	-6.9
		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	194	3.161	7.7	0.02
Abbott Architect	159	3.845	6.2	0.02
Roche Cobas 4000/e411	118	3.071	8.4	0.03
Beckman DxI 600 / 800	89	3.499	7.9	0.04
Siemens Centaur XP/XPT/Classic	81	5.197	6.1	0.04
Siemens/DPC Immulite 2000	28	2.574	19.4	0.12
Tosoh	27	4.103	7.6	0.08
SNIBE Maglumi analysers	22	6.145	4.0	0.07
Roche Elecsys	22	3.159	10.8	0.09
DiaSorin, Liaison	18	3.699	12.7	0.14
Roche Modular E170	19	3.202	5.1	0.05
Beckman Access/LXi725	13	3.695	8.9	0.11
Siemens/DPC Immulite 1000	13	2.504	18.4	0.16
Siemens Centaur CP	9	5.360	5.3	0.12
Fujirebio Lumipulse G Series	7	3.043	5.0	0.07
CIS, RIA coated tube	3	4.493	10.7	0.35
Diasource IRMA	3	6.650	44.3	2.12
Monobind Inc. ELISA	1	3.530	0.0	0.00

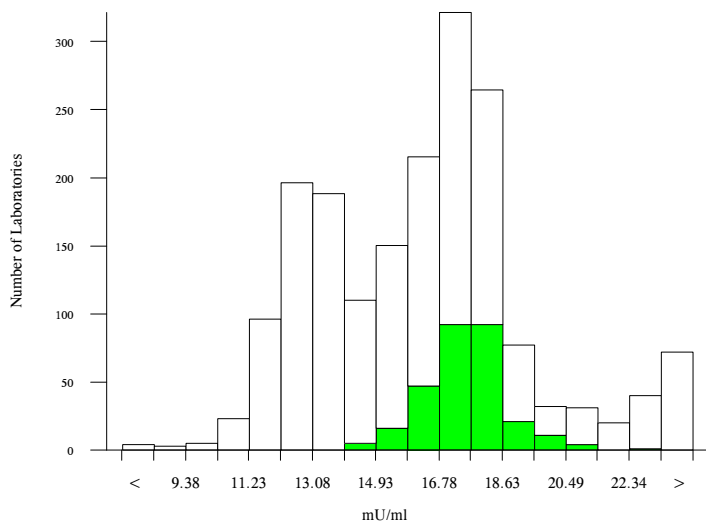


LH, mU/ml

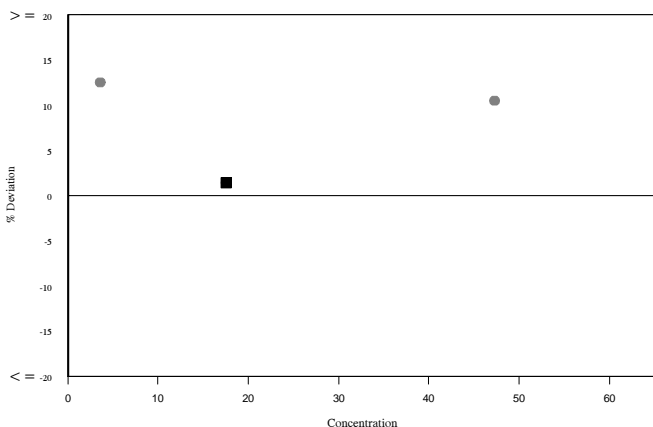
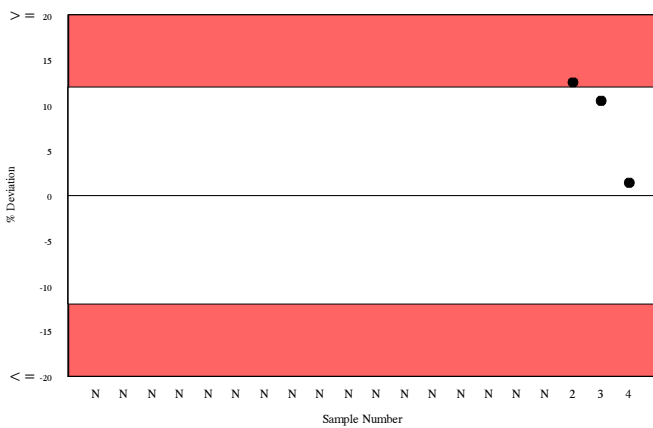
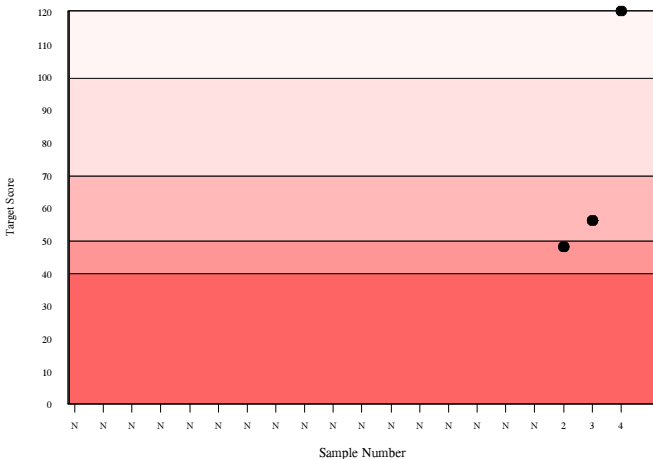
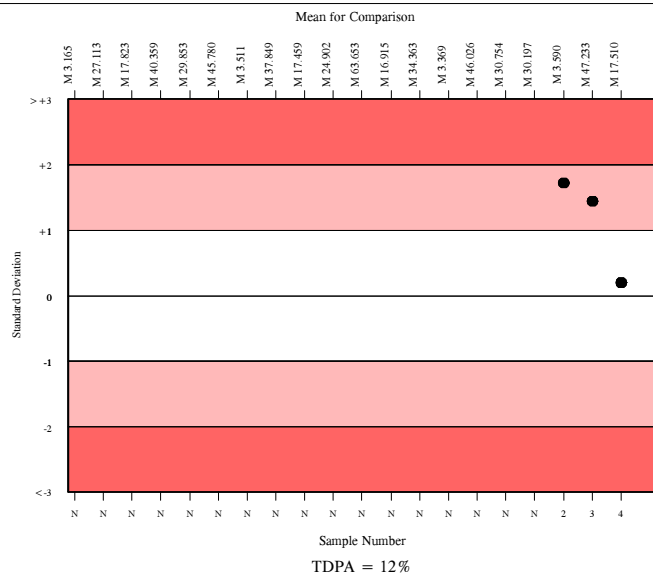
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1725	15.862	15.6	0.07	1.16	122
Roche Cobas 4000/e411	265	17.510	4.9	0.07	1.28	24

▲ Your Result	17.760	SDI	0.20
		RMSDI	Too Few
■ Mean for Comparison	17.510	TS	120
		RMTS	Too Few
		%DEV	1.4
		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	353	17.631	3.8	0.04
Abbott Architect	284	13.042	5.9	0.06
Roche Cobas 4000/e411	265	17.510	4.9	0.07
Siemens Centaur XP/XPT/Classic	174	15.954	4.9	0.07
Beckman DxI 600 / 800	145	12.507	6.1	0.08
bioMerieux, VIDAS	76	14.613	5.9	0.12
Siemens/DPC Immulite 2000	59	23.656	5.2	0.20
Roche Elecsys	51	17.393	6.2	0.19
Beckman Access/LXi725	49	12.986	6.3	0.15
Tosoh	39	15.332	6.5	0.20
Ortho Vitros 3600/5600/ECi	39	22.043	4.7	0.21
Diasorin Liaison	34	20.113	7.0	0.30
Siemens/DPC Immulite 1000	28	24.306	8.2	0.47
Roche Modular E170	28	17.306	3.8	0.16
Siemens Centaur CP	24	15.762	6.0	0.24
SNIBE Maglumi analysers	18	16.986	4.3	0.22
Fujirebio Lumipulse G Series	9	13.744	3.6	0.21
DIAsource, IRMA	4	10.955	13.6	0.93
Siemens Dimension	3	17.163	6.5	0.80
Immunotech IRMA	2	21.545	7.0	1.33



RIQAS

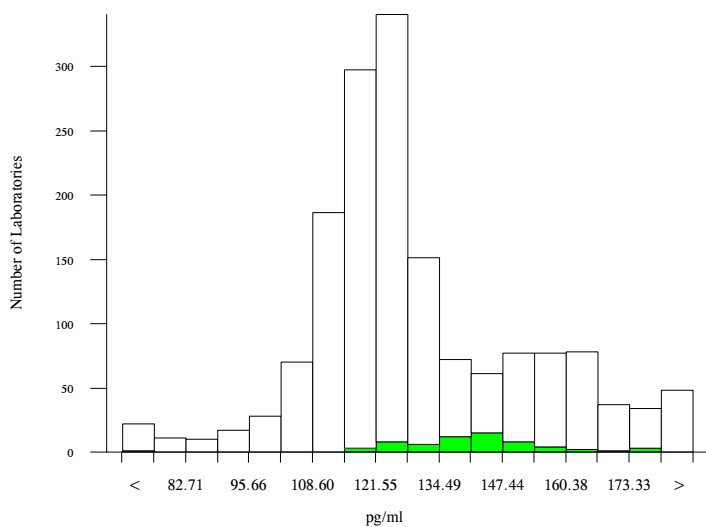
0010

Oestradiol, pg/ml

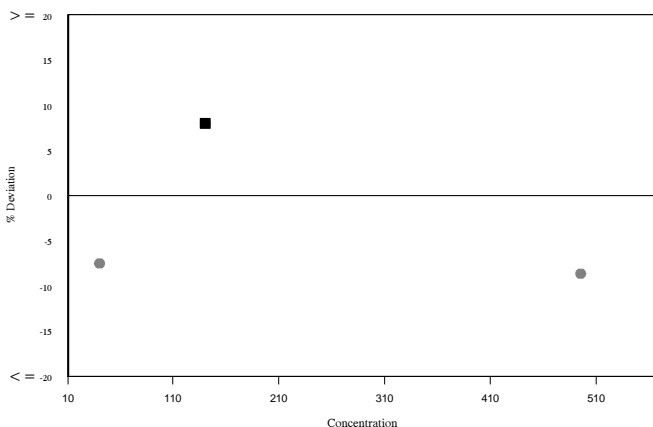
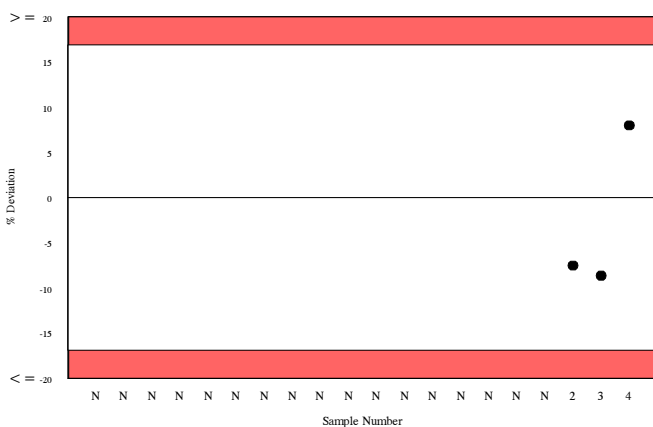
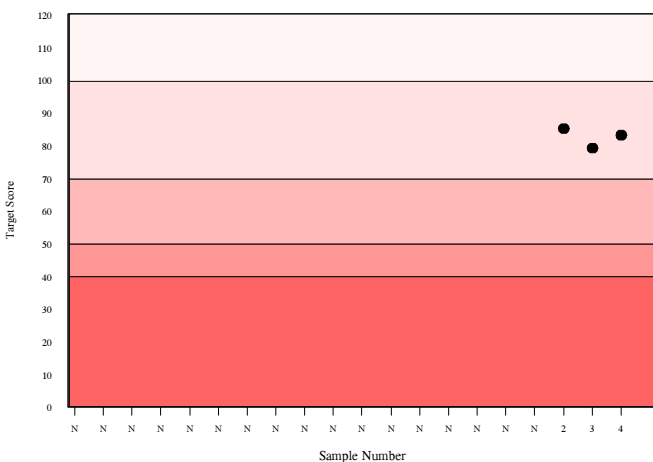
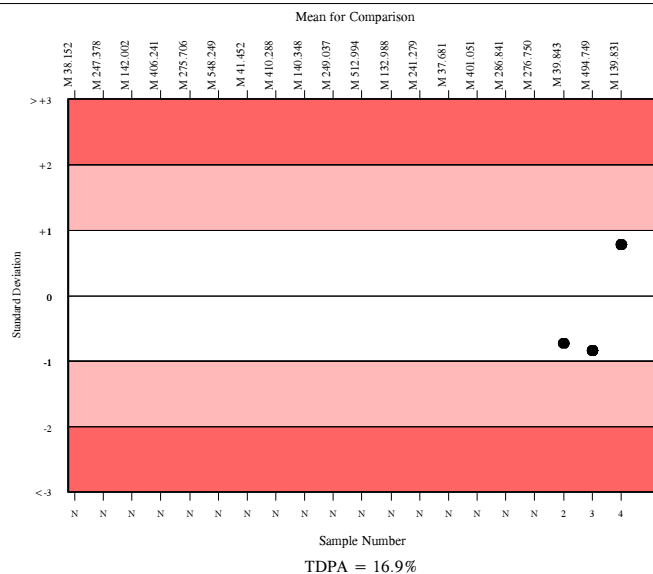
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1488	128.026	13.5	0.56	13.15	129
Siemens/DPC Immulite 2000/2500	58	139.831	7.5	1.73	14.37	5

▲ Your Result	151.000	SDI	0.78
		RMSDI	Too Few
■ Mean for Comparison	139.831	TS	83
		RMTS	Too Few
		%DEV	8.0
		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	247	125.612	4.5	0.45
Roche Cobas 6000/8000 (Estradiol III)	189	120.044	5.3	0.58
Beckman DxI 600 / 800	138	129.532	11.9	1.63
Roche Cobas 6000/8000 (Estradiol II)	124	118.575	5.5	0.73
Roche Cobas 4000/e411 (Estradiol III)	119	118.587	5.1	0.70
Roche Cobas 4000/e411 (Estradiol II)	113	116.097	6.0	0.82
Siemens Centaur XP/XPT/Classic (eE2)	96	158.946	4.9	1.00
bioMerieux, VIDAS	67	168.827	6.8	1.76
Siemens/DPC Immulite 2000/2500	58	139.831	7.5	1.73
Siemens Centaur XP/XPT/Classic	53	158.585	6.5	1.77
Beckman Access/LXi725	40	131.300	14.9	3.86
Roche Elecsys (Estradiol II)	32	115.144	6.4	1.64
Ortho Vitros 3600/5600/ECi	24	126.825	5.0	1.61
Siemens/DPC Immulite 1000	23	141.780	6.9	2.54
Diasorin Liaison	17	102.245	5.8	1.81
SNIBE Maglumi analysers	16	156.247	4.1	1.99
Roche Modular E170 (Estradiol III)	16	118.715	4.0	1.49
Tosoh (E2)	15	87.423	8.1	2.28
Roche Elecsys (Estradiol III)	15	117.390	5.7	2.16
Tosoh (iE2-hsE2)	15	90.994	14.9	4.36
Siemens Centaur CP	11	164.524	6.9	4.26



17-OH-Progesterone, ng/ml

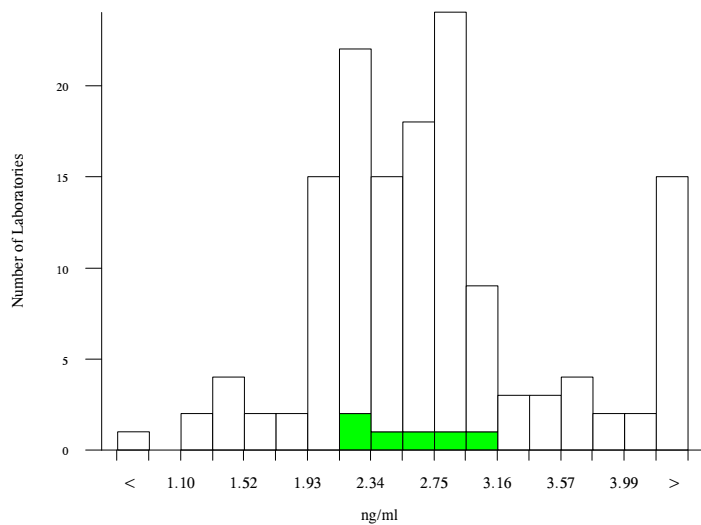
□ All Methods

■ DiaMetra ELISA

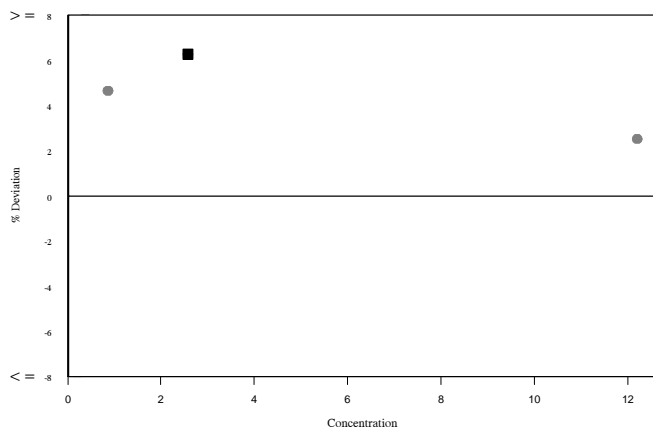
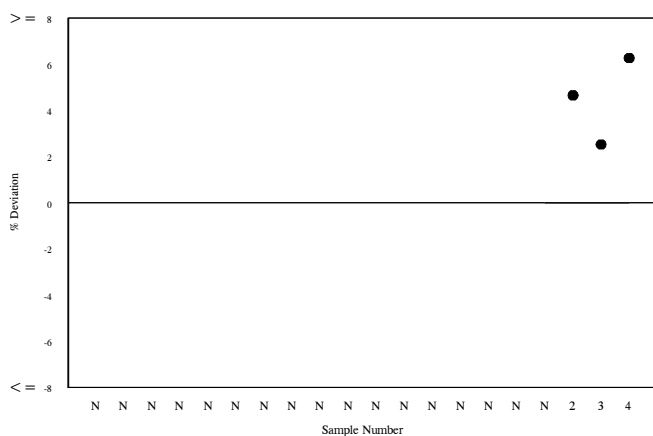
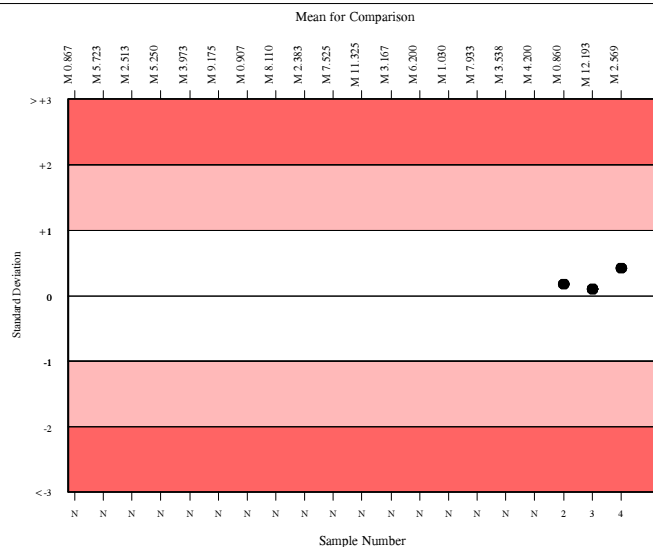
N	Mean	CV%	U _m	SDPA	Exc.
126	2.550	21.5	0.06	0.55	17
6	2.569	13.4	0.18	0.39a	0

▲ Your Result	2.730	SDI RMSDI	0.42 Too Few
■ Mean for Comparison	2.569	TS RMTS	N/A N/A
		%DEV RM%DEV	6.3 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	28	2.681	11.5	0.07
ELISA	16	2.379	29.8	0.22
DIAsource RIA	11	2.970	5.4	0.06
SNIBE Maglumi analysers	11	2.120	3.6	0.03
DIAsource ELISA	9	2.622	10.2	0.11
Immunotech RIA	9	2.360	9.7	0.10
IBL ELISA	10	3.022	21.8	0.26
Novatec ELISA	6	2.845	18.9	0.27
DiaMetra ELISA	6	2.569	13.4	0.18
Monobind Inc. ELISA / CLIA	3	3.087	43.9	0.98
Beckman Coulter RIA	3	2.155	3.0	0.05
CIS, RIA Coated Tube	2	1.765	5.2	0.08
Labor Diagnostike Nord ELISA	2	3.865	6.0	0.21
MP Biomedicals RIA	2	1.450	4.9	0.06
Roche Cobas 4000/e411	2	6.000	4.7	0.25

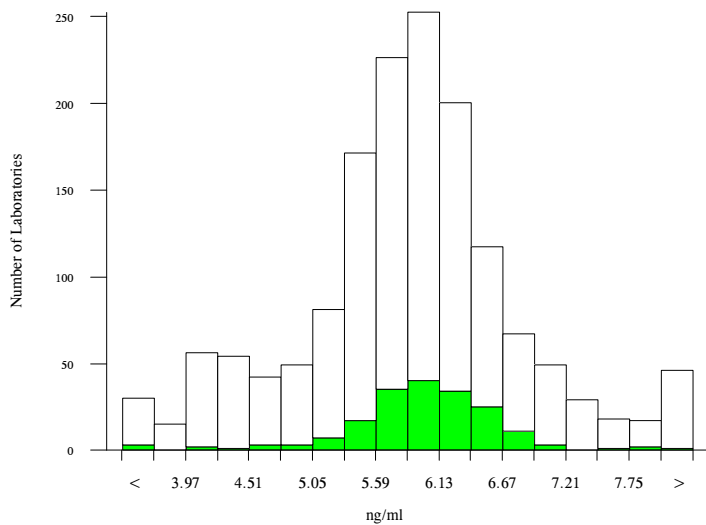


Progesterone, ng/ml

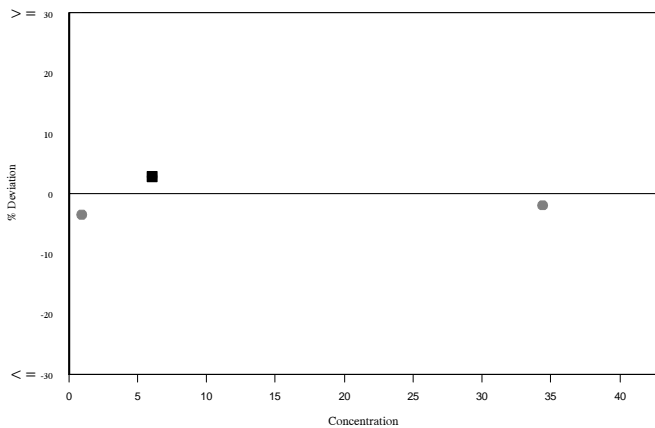
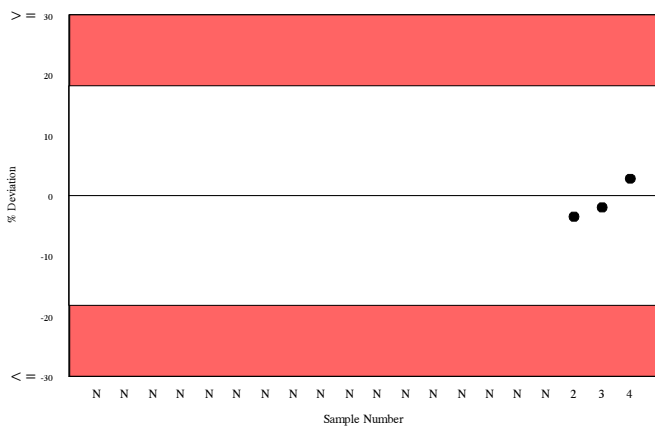
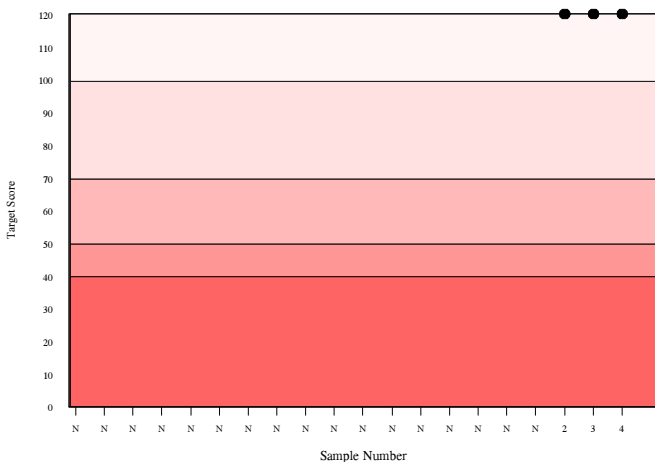
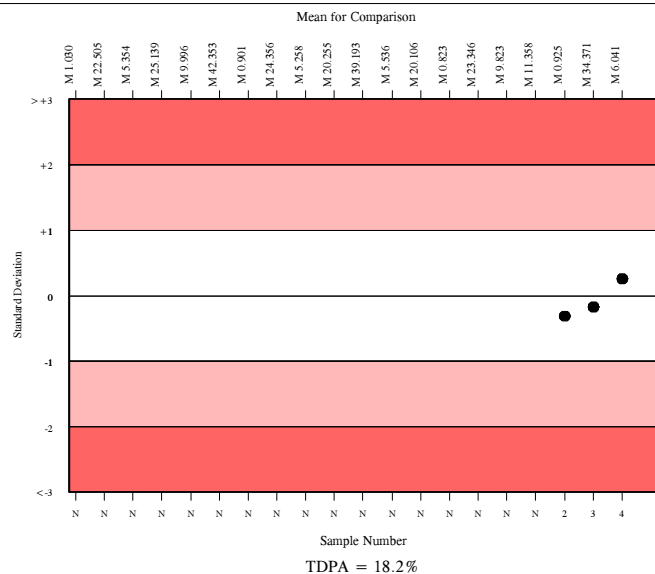
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1386	5.865	12.3	0.02	0.65	136
Roche Cobas 4000/e411 (Prog. II)	169	6.041	6.8	0.04	0.67	19

▲ Your Result	6.210	SDI	0.25
		RMSDI	Too Few
■ Mean for Comparison	6.041	TS	120
		RMTS	Too Few
		%DEV	2.8
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Abbott Architect	236	5.720	5.6	0.03
Roche Cobas 6000/8000 (Prog. II)	211	6.053	5.9	0.03
Roche Cobas 4000/e411 (Prog. II)	169	6.041	6.8	0.04
Siemens Centaur XP/XPT/Classic	141	4.309	8.0	0.04
Beckman DXI Prog. Cal 33555	98	6.523	7.7	0.06
bioMerieux, VIDAS	78	7.614	8.5	0.09
Roche Cobas 6000/8000 (Prog. III)	76	6.003	6.3	0.05
Siemens/DPC Immulite 2000/2500	62	5.408	6.9	0.06
Roche Cobas 4000/e411 (Prog. III)	51	5.971	4.9	0.05
Roche Elecsys (Prog. II)	38	6.109	7.1	0.09
Beckman Access Prog. Cal 33555	37	6.527	8.6	0.12
Siemens/DPC Immulite 1000	26	5.773	8.8	0.12
Tosoh	26	5.870	13.1	0.19
Beckman DXI Prog.DE Cal. A80773	25	5.535	19.4	0.27
Ortho Vitros 3600/5600/ECi	22	6.316	6.0	0.10
SNIBE Maglumi analysers	19	5.726	4.0	0.07
Diasorin Liaison	15	5.197	12.9	0.22
Siemens Centaur CP	14	4.378	11.5	0.17
Roche Modular E170 (Prog. III)	14	6.014	8.9	0.18
Roche Modular E170 (Prog. II)	13	6.096	4.2	0.09
Fujirebio Lumipulse G Series	4	5.408	24.6	0.83



RIQAS

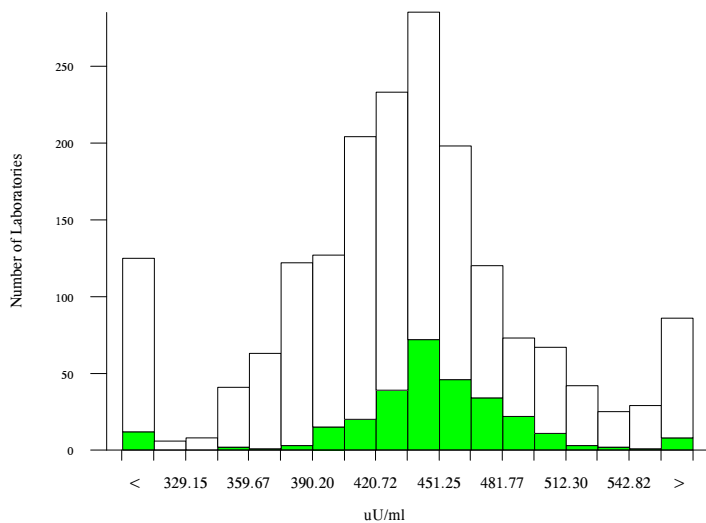
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Prolactin, uU/ml

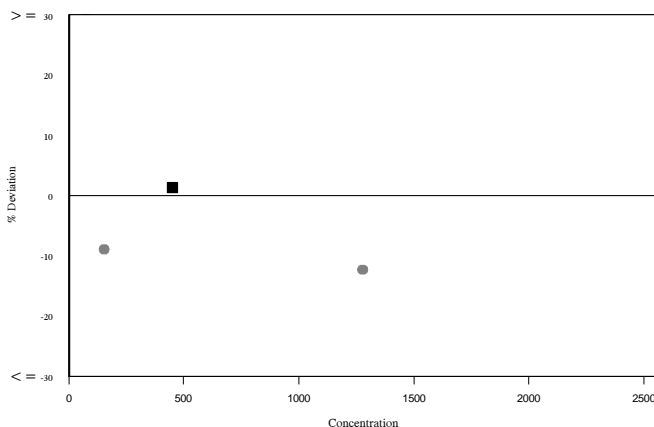
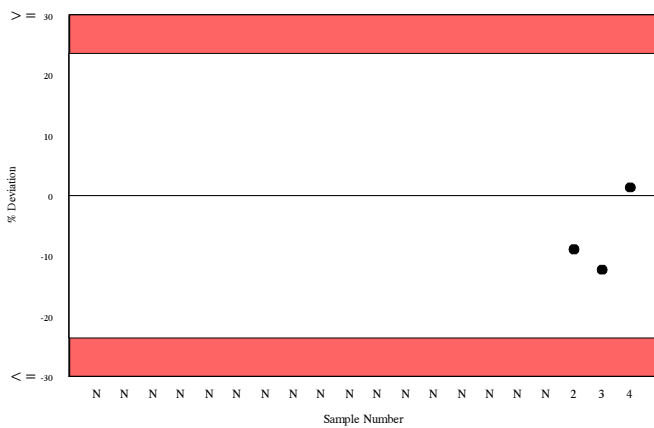
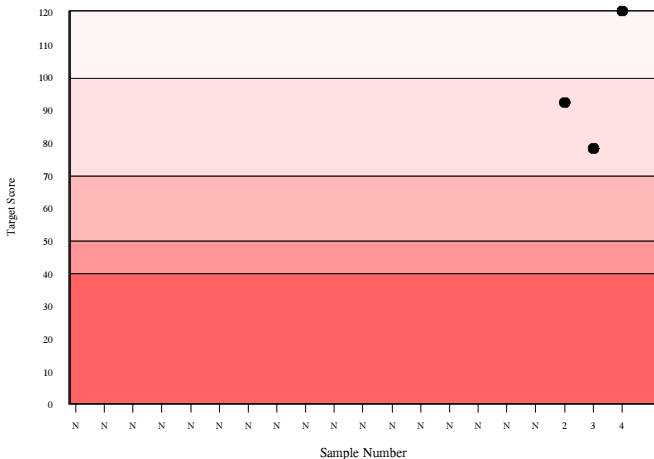
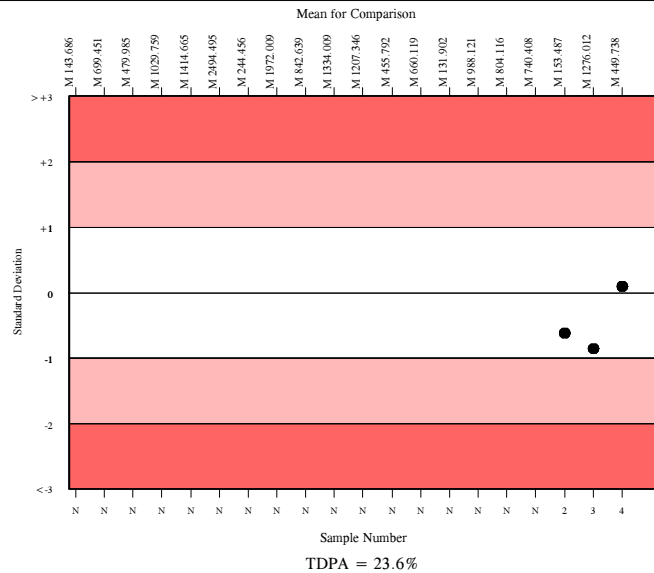
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1608	435.991	9.3	1.27	62.56	246
Roche Cobas 4000/e411	259	449.738	5.8	2.04	64.53	32

▲ Your Result	455.800	SDI	0.09
		RMSDI	Too Few
■ Mean for Comparison	449.738	TS	120
		RMTS	Too Few
		%DEV	1.3
		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	295	432.872	4.1	1.29
Roche Cobas 4000/e411	259	449.738	5.8	2.04
Abbott Architect	245	467.716	6.6	2.46
Siemens Centaur XP/XPT/Classic	161	380.992	5.0	1.89
Beckman DxI 600 / 800	125	398.970	5.2	2.33
bioMerieux, VIDAS	71	550.429	7.5	6.12
Siemens/DPC Immulite 2000/2500	63	415.368	5.9	3.86
Roche Elecsys	44	449.488	5.9	4.98
Roche Elecsys/E170/Cobas 6000/8000 PRLII	43	434.701	4.4	3.62
Beckman Access/LXi725	41	414.384	4.7	3.81
Abbott Architect (Re-standardised)	43	457.305	5.1	4.42
Ortho Vitros 3600/5600/ECi	36	403.664	5.2	4.34
Tosoh	30	509.726	13.3	15.41
Diasorin Liaison	27	478.357	6.8	7.88
Siemens/DPC Immulite 1000	26	457.105	7.9	8.90
Siemens Centaur CP	21	391.692	6.4	6.84
Roche Modular E170	19	433.139	4.0	5.01
SNIBE Maglumi analysers	16	469.844	3.3	4.85
Fujirebio Lumipulse G Series	7	546.569	2.0	5.09
Immunotech IRMA	9	538.150	5.3	11.91
Siemens Dimension	3	457.540	2.1	6.86

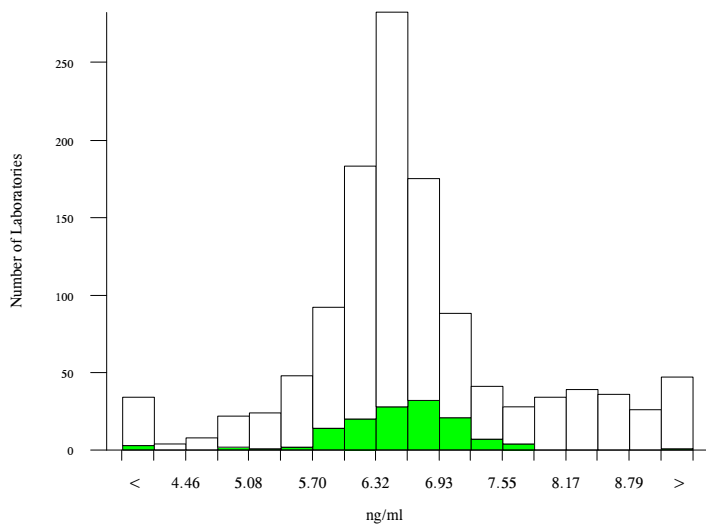


PSA, Free, ng/ml

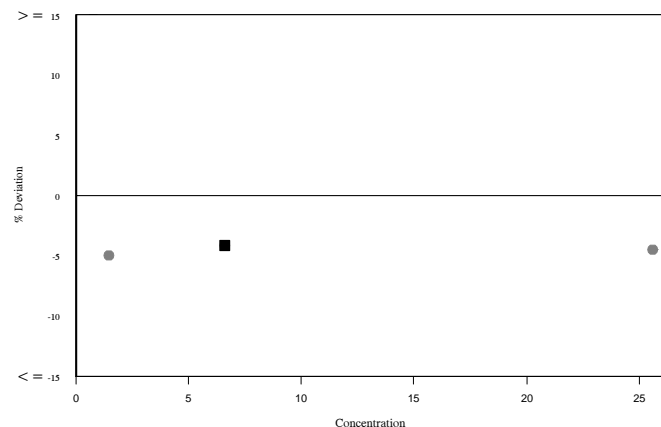
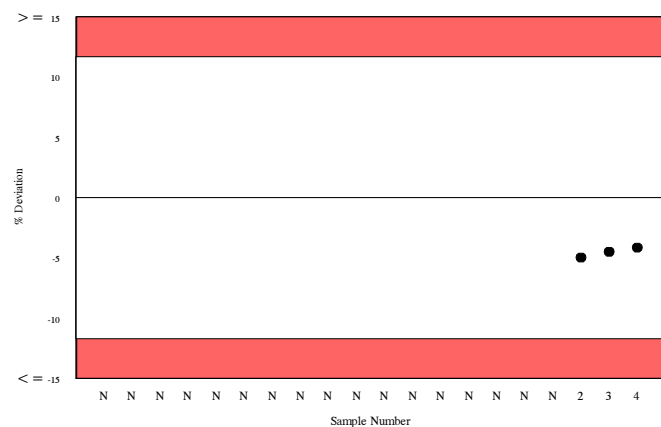
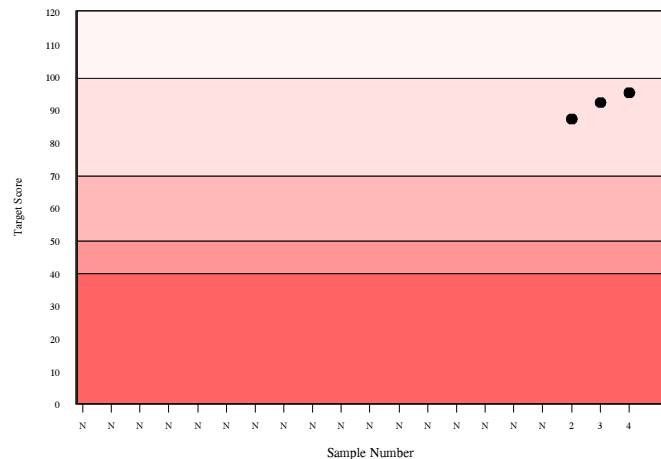
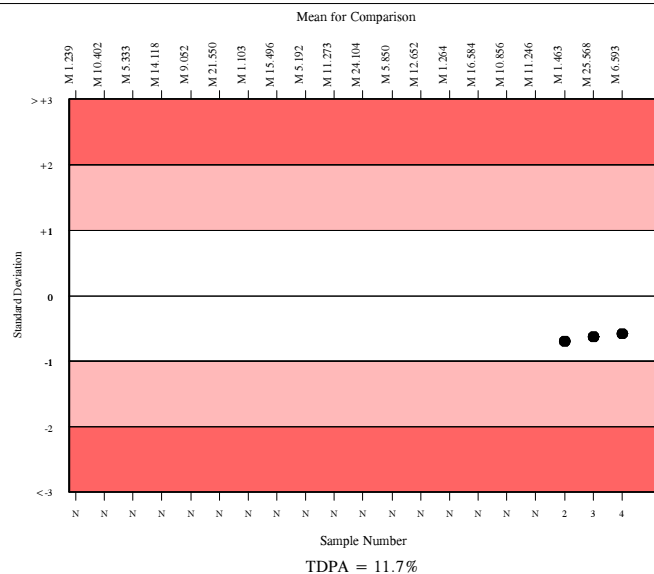
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1112	6.631	12.4	0.03	0.47	103
Roche Cobas 4000/e411	122	6.593	6.2	0.05	0.47	13

▲ Your Result	6.320	SDI	-0.58
		RMSDI	Too Few
■ Mean for Comparison	6.593	TS	95
		RMTS	Too Few
		%DEV	-4.1
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	250	6.471	4.2	0.02
Abbott Architect	223	6.346	5.1	0.03
Siemens Centaur XP/XPT/Classic	126	6.861	5.1	0.04
Roche Cobas 4000/e411	122	6.593	6.2	0.05
Beckman DXI standardised to Hybritech	110	8.276	5.4	0.05
Siemens/DPC Immulite 2000/2500	40	5.765	7.9	0.09
BioMerieux VIDAS	32	9.522	5.3	0.11
Beckman Access standardised to Hybritech	34	8.460	4.4	0.08
Roche Elecsys	27	6.427	6.2	0.10
Diasorin Liaison	23	3.126	8.0	0.06
SNIBE Maglumi analysers	17	6.488	3.6	0.07
Roche Modular E170	18	6.491	3.0	0.06
Siemens/DPC Immulite 1000	15	5.191	4.4	0.07
TOSOH	17	5.939	4.9	0.09
Fujirebio Lumipulse G Series	12	4.916	6.5	0.12
Beckman DXI standard to WHO IRP96/670	6	6.585	5.5	0.18
Ortho Vitros 3600/5600/ECi PSA II	7	5.778	2.6	0.07
Siemens Dimension	6	4.962	3.9	0.10
Ortho Vitros 3600/5600/ECi	6	5.612	5.7	0.16
CIS, RIA coated tube	4	4.005	7.3	0.18
Beckman Access standard to WHO IRP96/670	3	8.603	9.0	0.56

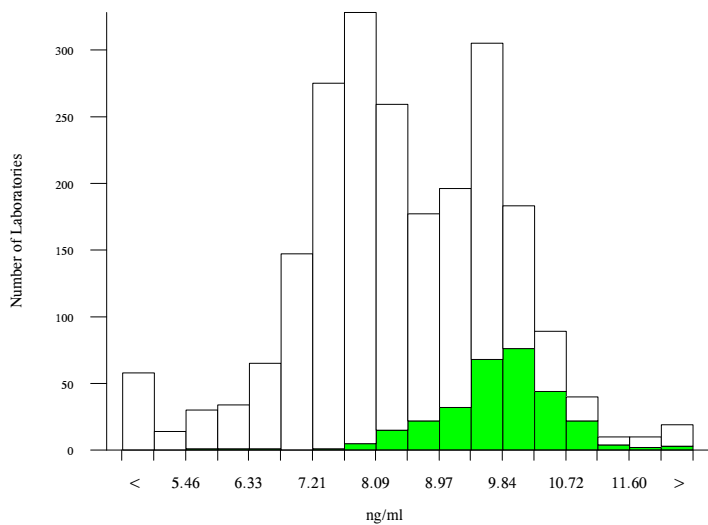


PSA, Total, ng/ml

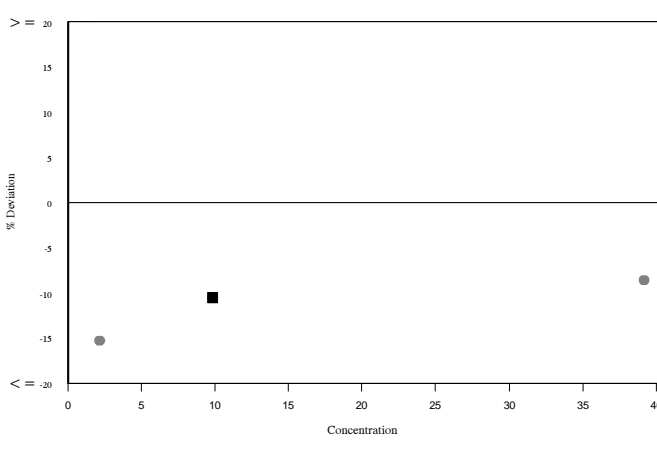
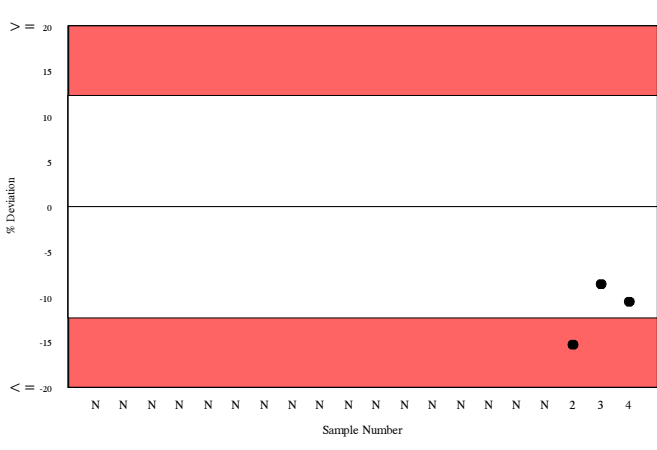
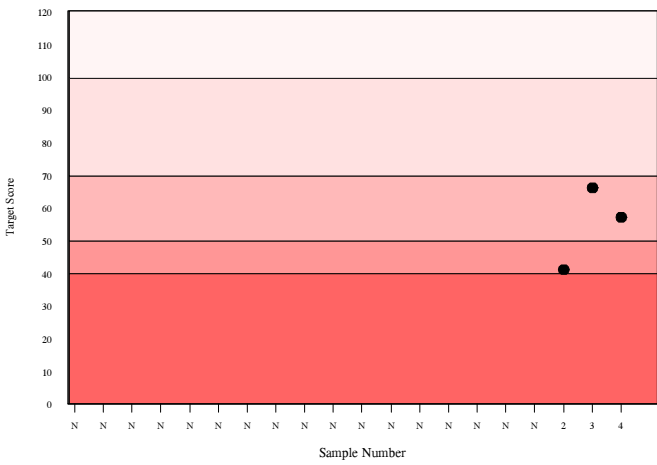
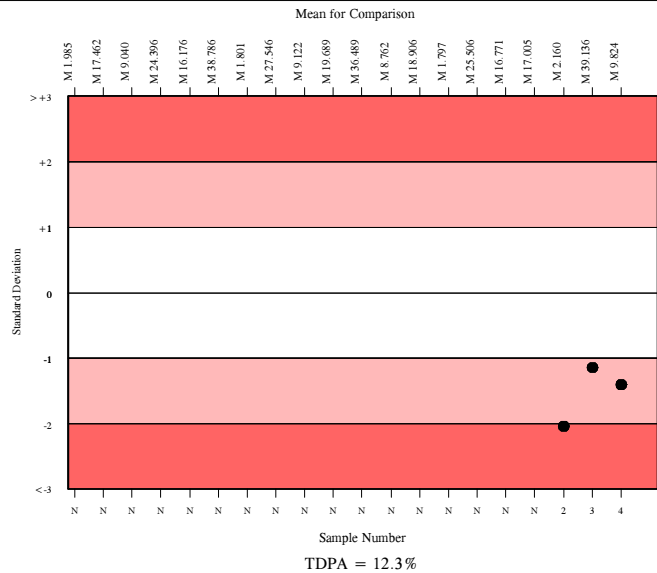
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2119	8.532	13.7	0.03	0.64	120
Roche Cobas 4000/e411	279	9.824	6.8	0.05	0.73	18

▲ Your Result	8.790	SDI	-1.41
		RMSDI	Too Few
■ Mean for Comparison	9.824	TS	57
		RMTS	Too Few
		%DEV	-10.5
		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	435	9.513	4.7	0.03
Abbott Architect	400	7.948	5.2	0.03
Roche Cobas 4000/e411	279	9.824	6.8	0.05
Siemens Centaur XP/XPT/Classic	230	7.380	5.3	0.03
Beckman DXI standardised to Hybritech	149	7.976	5.5	0.04
Beckman Access standardised to Hybritech	69	8.139	5.2	0.06
Roche Elecsys	65	9.647	7.5	0.11
Siemens Immulite 2000/2500, Total PSA	49	6.710	5.7	0.07
bioMerieux, Vidas TPSA	43	7.962	6.2	0.09
Diasorin Liaison	39	3.755	6.6	0.05
Ortho Vitros 3600/5600/ECi PSA II	41	9.491	5.3	0.10
Siemens Centaur CP	38	7.279	4.5	0.07
Tosoh	32	5.254	8.5	0.10
SNIBE Maglumi analysers	26	10.044	7.0	0.17
Roche Modular E170	27	9.401	3.5	0.08
Siemens Immulite 1000, Total PSA	22	6.041	5.4	0.09
Beckman DXI standard to WHO IRP96/670	20	6.258	7.2	0.13
Beckman Access standard to WHO IRP96/670	16	8.066	4.5	0.11
Ortho Vitros 3600/5600/ECi	17	9.712	8.0	0.23
bioMerieux, Vidas	14	8.026	4.2	0.11
CIS, RIA coated tube	12	7.977	2.3	0.07



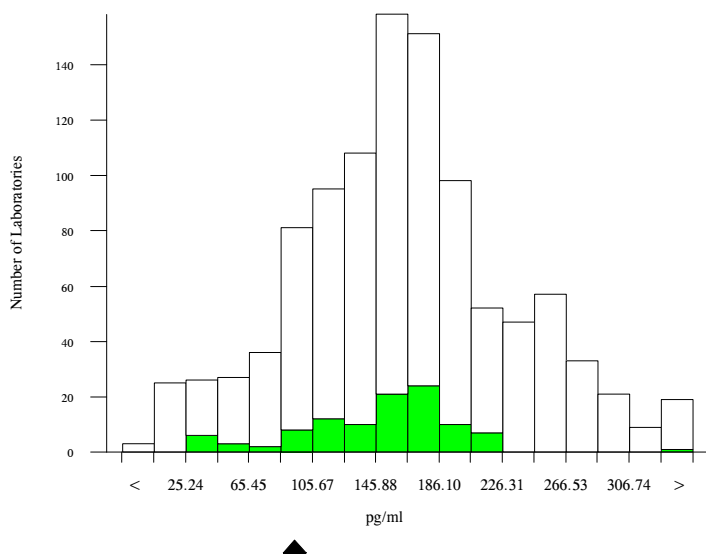
RIQAS

Parathyroid hormone, pg/ml

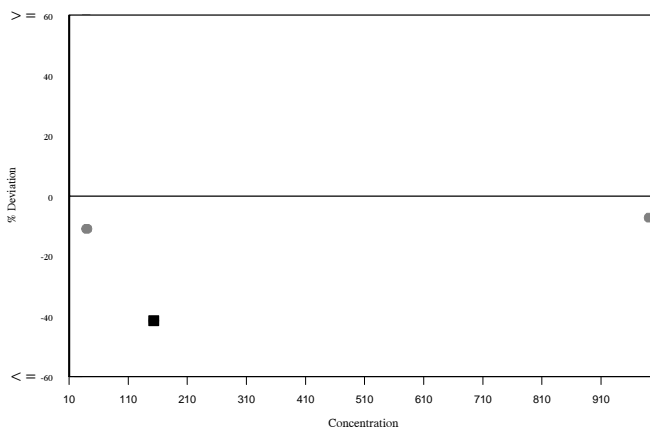
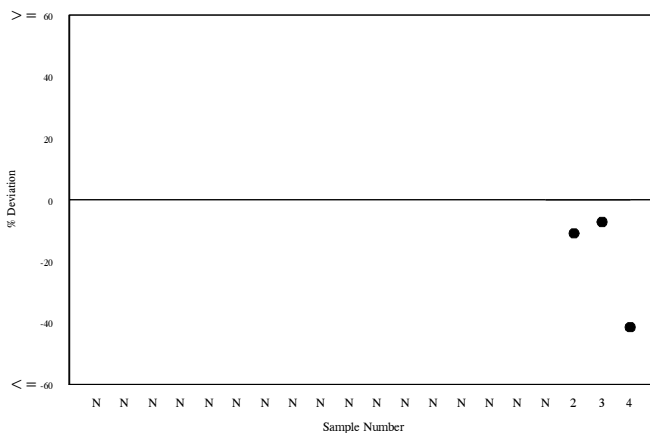
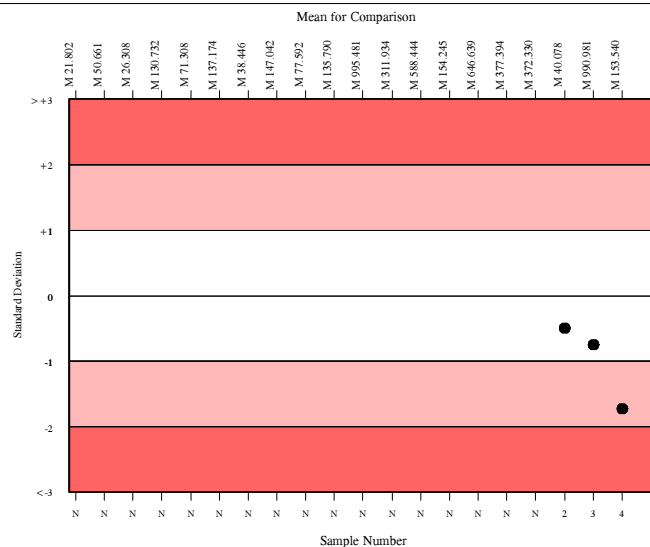
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	933	165.997	32.3	2.19	53.62	115
Roche Cobas 4000/e411 PTH/PTH STAT	95	153.540	23.9	4.71	36.74	9

▲ Your Result	89.950	SDI	-1.73
		RMSDI	Too Few
■ Mean for Comparison	153.540	TS	N/A
		RMTS	N/A
		%DEV	-41.4
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000 PTH/PTH STAT	171	160.138	16.2	2.49
Abbott Architect	132	234.136	23.8	6.05
Siemens Centaur XP/XPT/Classic	106	216.936	27.3	7.19
Beckman DxI 600 / 800	98	149.027	18.7	3.52
Roche Cobas 4000/e411 PTH/PTH STAT	95	153.540	23.9	4.71
Roche Cobas 6000/8000 PTH (1-84)	60	139.465	23.8	5.36
Roche Cobas 4000/e411 PTH (1-84)	57	144.014	29.7	7.09
Siemens/DPC Immulite 2000	46	211.670	26.8	10.45
Roche Elecsys PTH/PTH STAT	31	130.504	36.1	10.58
Beckman Access/LXi725	19	124.548	22.4	7.99
DiaSorin, Liaison 1-84 PTH	20	65.999	41.6	7.67
Tosoh	16	190.575	17.6	10.50
SNIBE Maglumi analysers	14	90.755	3.1	0.93
Ortho Vitros 3600/5600/ECi	15	199.003	21.4	13.74
Roche Modular E170 PTH/PTH STAT	15	141.599	18.5	8.44
Siemens/DPC Immulite 1000	11	194.260	29.9	21.90
Siemens Centaur CP	6	210.167	23.1	24.81
CIS IRMA	4	164.239	6.7	6.90
DiaSorin, Liaison N-TACT PTH II	5	250.160	39.7	55.58
Roche Elecsys PTH (1-84)	5	123.420	4.2	2.89
Roche Modular E170 PTH (1-84)	4	145.769	20.6	18.74

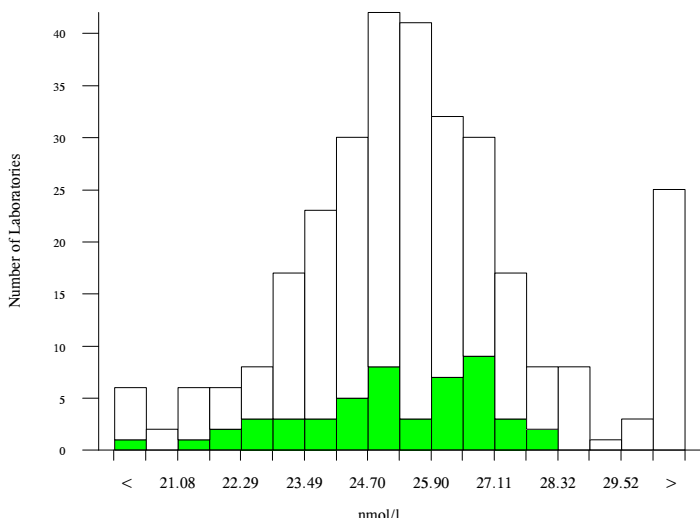


Sex Hormone Binding Globulin, nmol/l

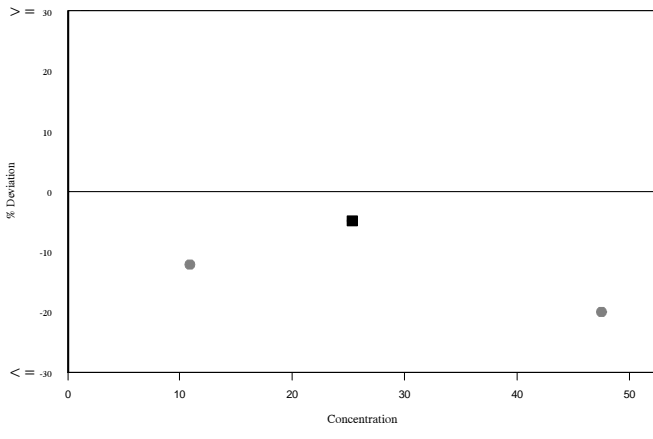
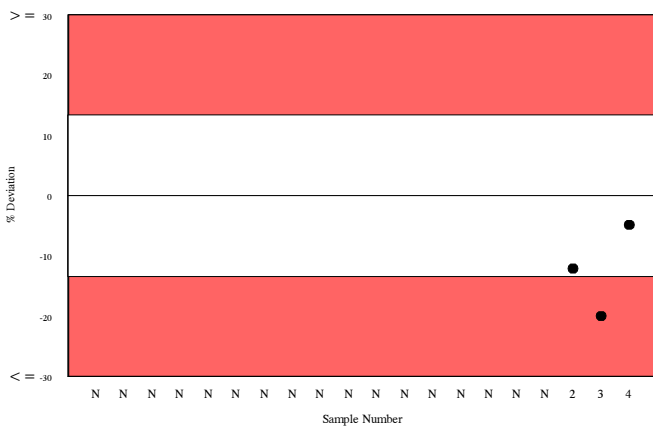
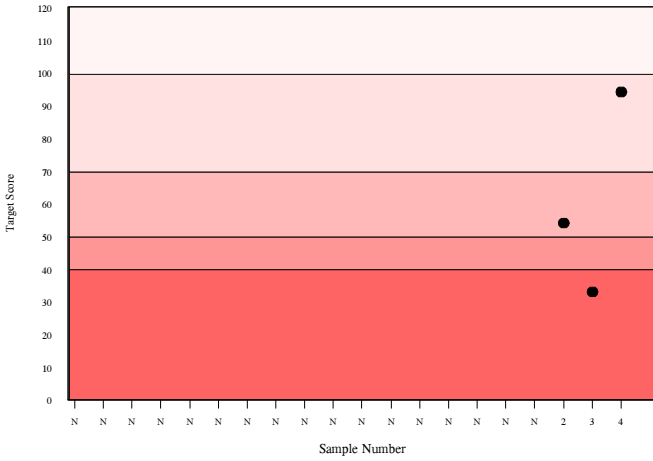
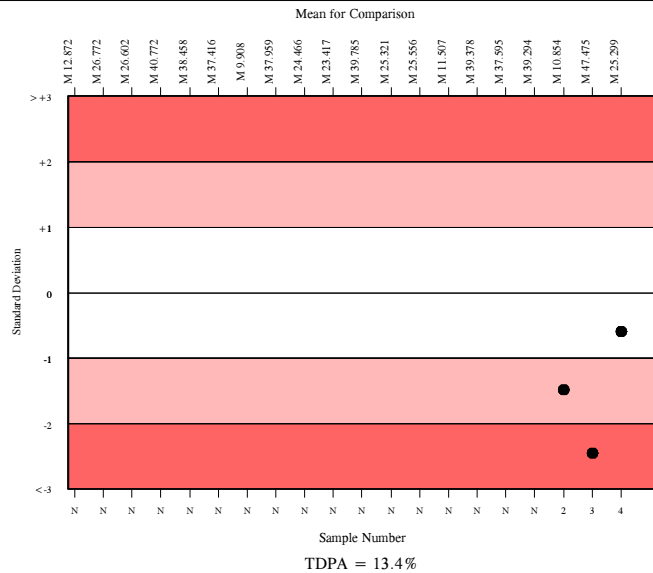
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	268	25.306	6.4	0.12	2.06	37
Roche Cobas 4000/e411	48	25.299	6.3	0.29	2.06	2

▲ Your Result	24.070	SDI	-0.60
		RMSDI	Too Few
■ Mean for Comparison	25.299	TS	94
		RMTS	Too Few
		%DEV	-4.9
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	61	25.014	4.0	0.16
Siemens/DPC Immulite 2000/2500	47	25.120	6.7	0.31
Abbott Architect	47	26.837	7.1	0.35
Roche Cobas 4000/e411	48	25.299	6.3	0.29
Beckman DXI 600 / 800	26	24.894	8.3	0.51
Siemens Centaur (Ref 06520781)	16	33.528	12.3	1.29
Roche Modular E170	11	25.443	2.5	0.24
Siemens/DPC Immulite 1000	7	25.807	5.5	0.67
Siemens Centaur (Ref 10997191)	6	24.498	4.5	0.57
Roche Elecsys	7	25.331	4.5	0.54
ELISA	3	25.573	25.5	4.71
Beckman Access	2	20.450	1.7	0.31

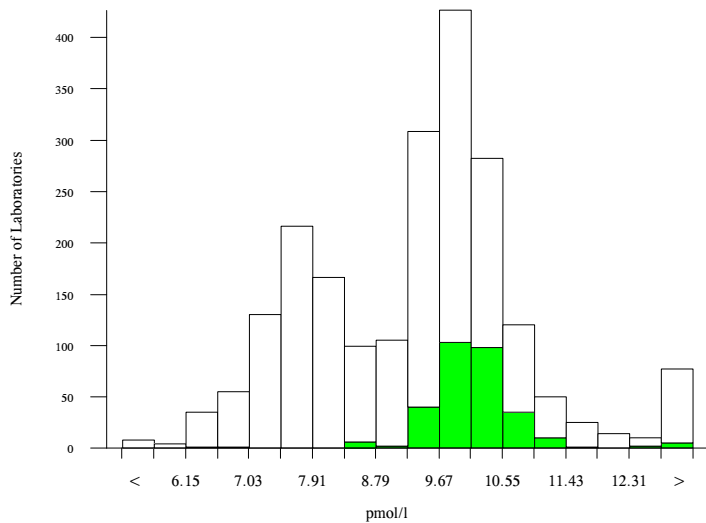


Free T3, pmol/l

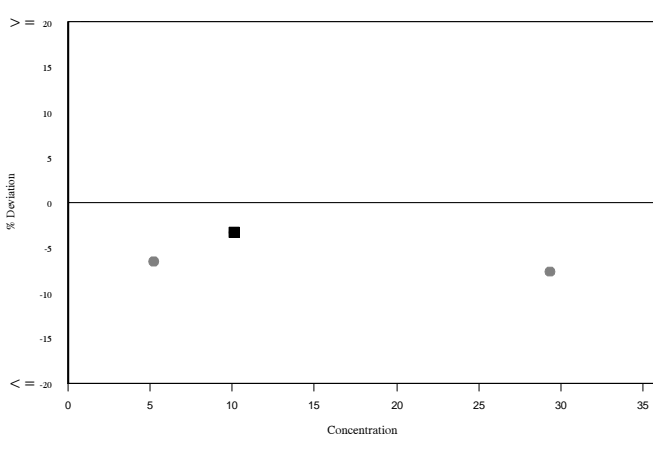
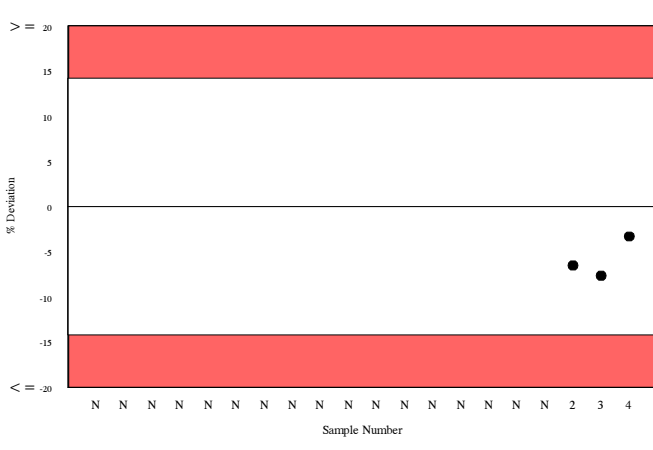
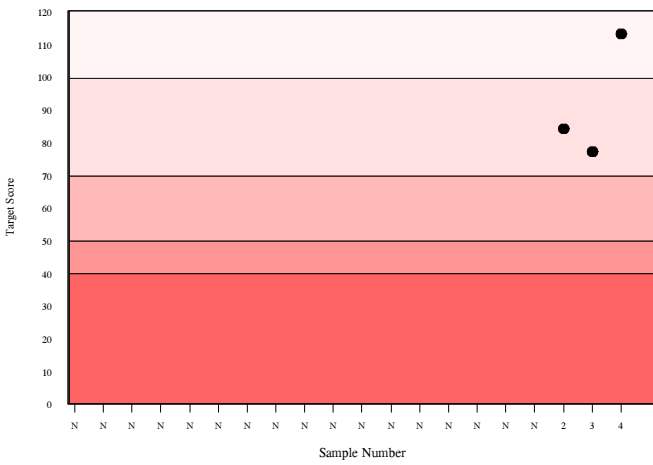
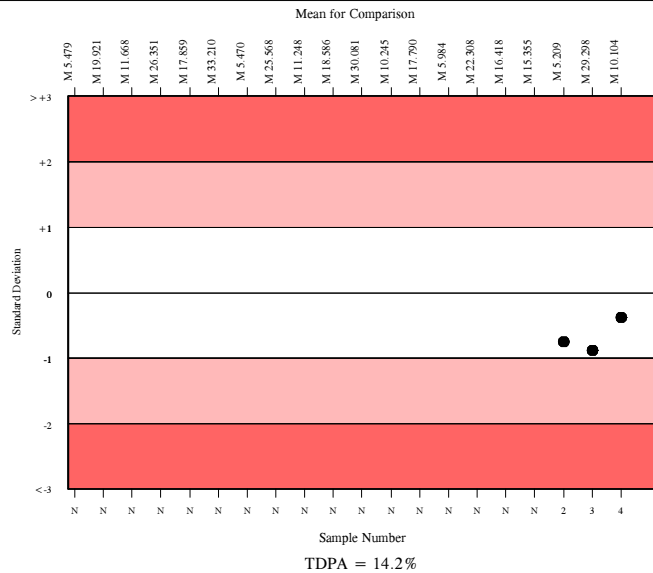
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1979	9.236	12.7	0.03	0.80	151
Roche Cobas 4000/e411	279	10.104	3.9	0.03	0.87	25

▲ Your Result	9.770	SDI	-0.38
		RMSDI	Too Few
■ Mean for Comparison	10.104	TS	113
		RMTS	Too Few
		%DEV	-3.3
		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	413	9.991	3.5	0.02
Abbott Architect	348	7.665	5.5	0.03
Roche Cobas 4000/e411	279	10.104	3.9	0.03
Siemens Centaur XP/XPT/Classic	234	9.534	2.9	0.02
Beckman DxI 600 / 800	165	7.894	7.6	0.06
Roche Elecsys	74	10.057	5.1	0.07
Beckman Access/LXi725	61	8.528	5.6	0.08
BioMerieux VIDAS	59	9.785	6.5	0.10
Diasorin Liaison	49	11.630	5.8	0.12
Siemens/DPC Immulite 2000/2500	41	7.671	6.5	0.10
Ortho Vitros 3600/5600/ECi	44	23.797	4.3	0.19
Siemens Centaur CP	37	9.478	2.1	0.04
Tosoh	34	11.314	7.6	0.18
SNIBE Maglumi analysers	28	6.515	4.8	0.07
Roche Modular E170	25	9.886	3.0	0.07
Siemens/DPC Immulite 1000	19	7.867	5.9	0.13
Fujirebio Lumipulse G Series	10	11.119	2.9	0.13
Siemens Dimension Vista LOCI	4	10.563	2.5	0.16
Siemens Dimension	3	10.542	6.1	0.47
Abbott AxSYM	2	6.101	34.1	1.84
Brahms, RIA	2	15.154	54.6	7.31

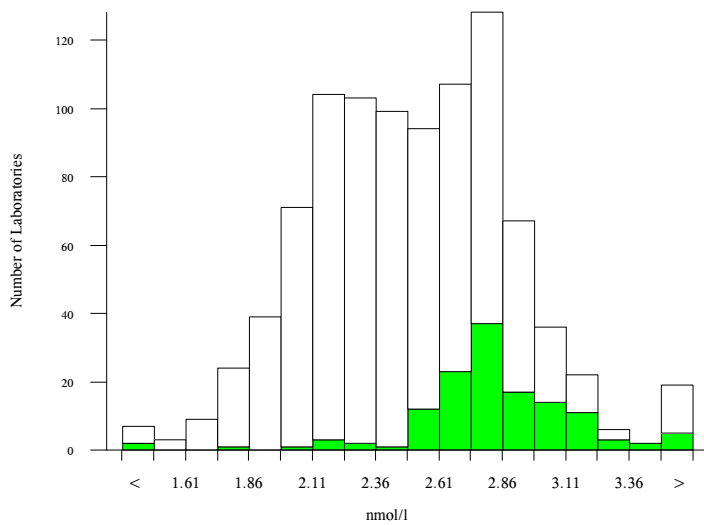


Total T3, nmol/l

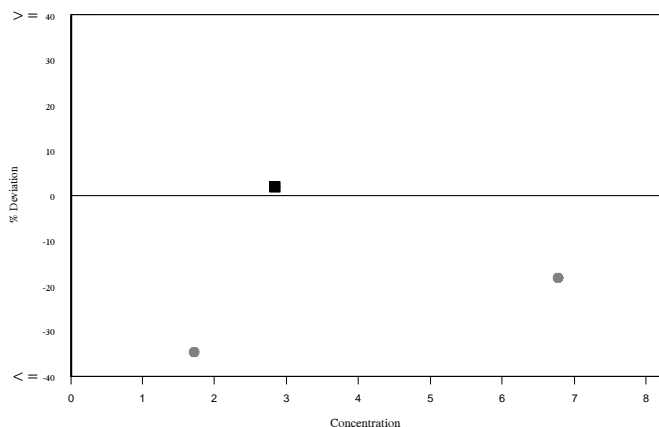
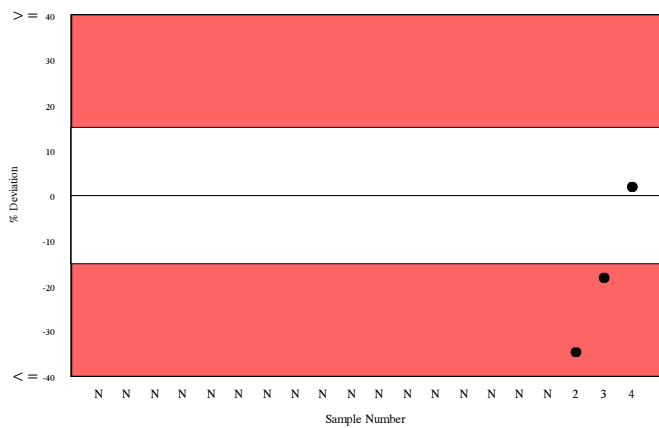
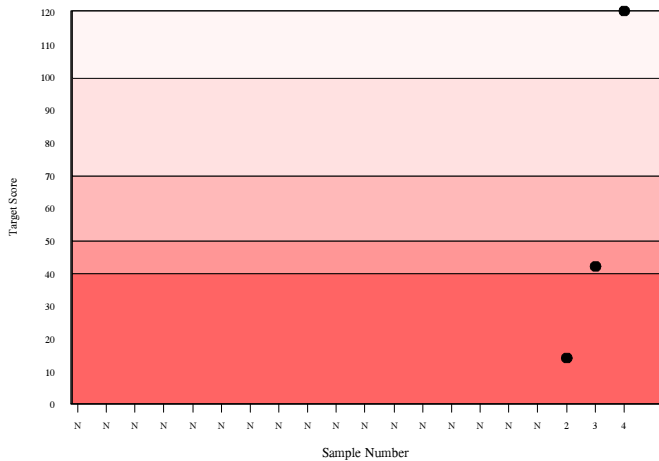
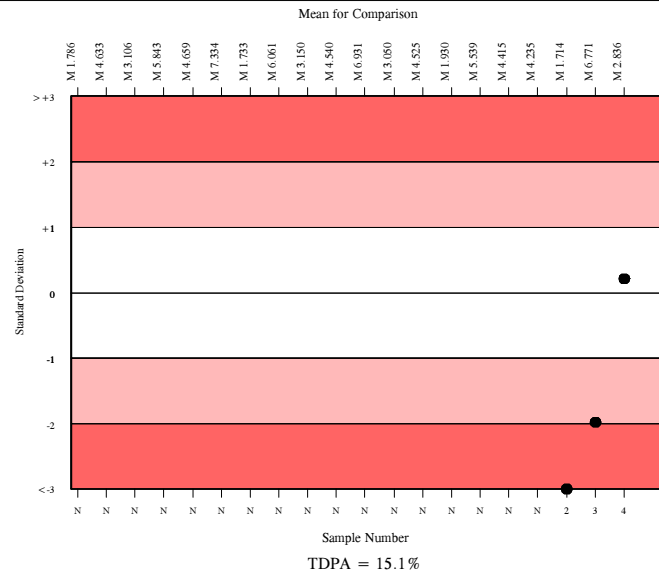
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	888	2.489	13.4	0.01	0.23	52
Roche Cobas 4000/e411	119	2.836	7.1	0.02	0.26	15

▲ Your Result	2.890	SDI	0.21
		RMSDI	Too Few
■ Mean for Comparison	2.836	TS	120
		RMTS	Too Few
		%DEV	1.9
		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	181	2.183	5.0	0.01
Roche Cobas 6000/8000	171	2.778	4.7	0.01
Roche Cobas 4000/e411	119	2.836	7.1	0.02
Siemens Centaur XP/XPT/Classic	90	2.456	5.3	0.02
Siemens/DPC Immulite 2000/2500	44	1.951	7.2	0.03
Ortho Vitros 3600/5600/ECi	33	2.874	3.9	0.02
Beckman Dxl600 / 800	36	2.370	6.6	0.03
bioMerieux, VIDAS	31	2.446	5.4	0.03
Beckman Access/LXi725	24	2.374	7.9	0.05
Siemens Centaur CP	23	2.596	9.0	0.06
SNIBE Maglumi analysers	20	2.451	5.5	0.04
Siemens/DPC Immulite 1000	17	1.973	7.9	0.05
Roche Elecsys	12	2.945	6.8	0.07
Roche Modular E170	11	2.640	4.1	0.04
CIS, RIA coated tube	10	1.740	9.4	0.06
Diasorin Liaison	9	2.066	16.0	0.14
Tosoh	7	2.333	4.3	0.05
Immunotech RIA	8	1.930	5.2	0.04
Monobind Inc. ELISA	5	2.447	5.2	0.07
ELISA	3	2.375	26.1	0.45
Fujirebio Lumipulse G Series	2	3.116	21.5	0.59

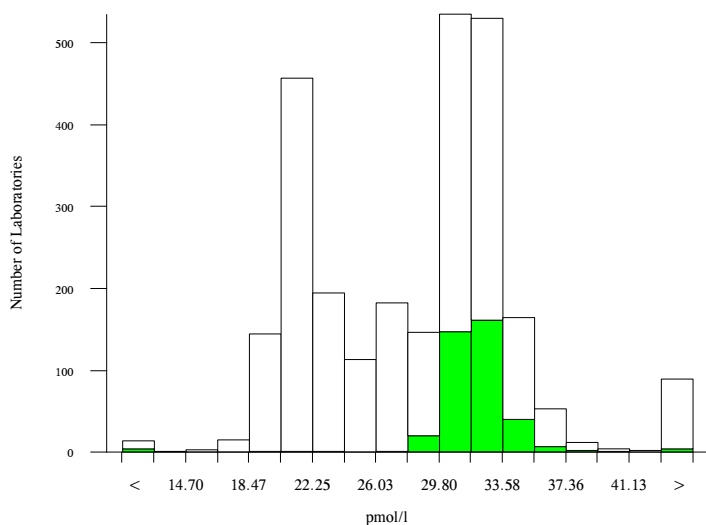


Free T4, pmol/l

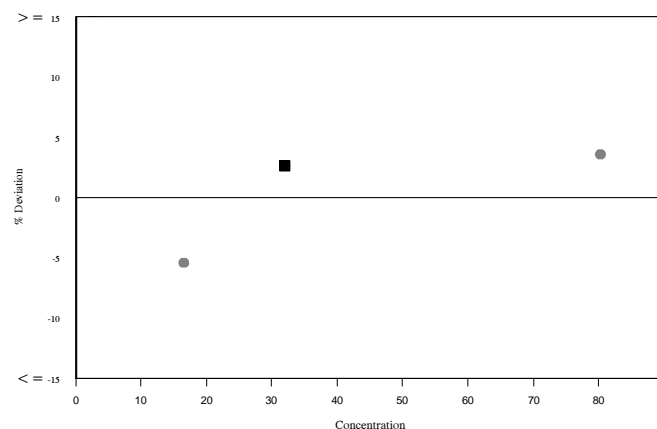
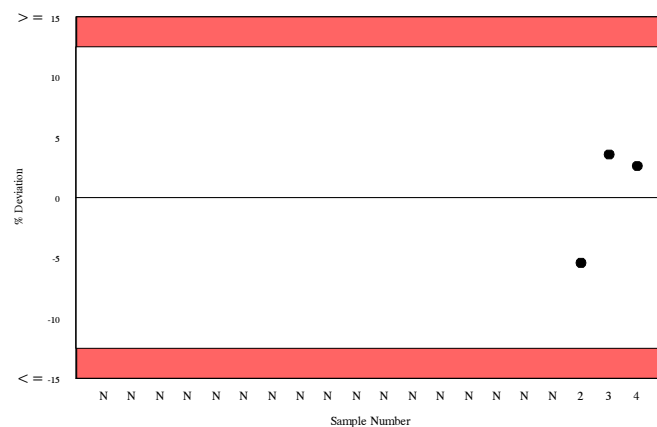
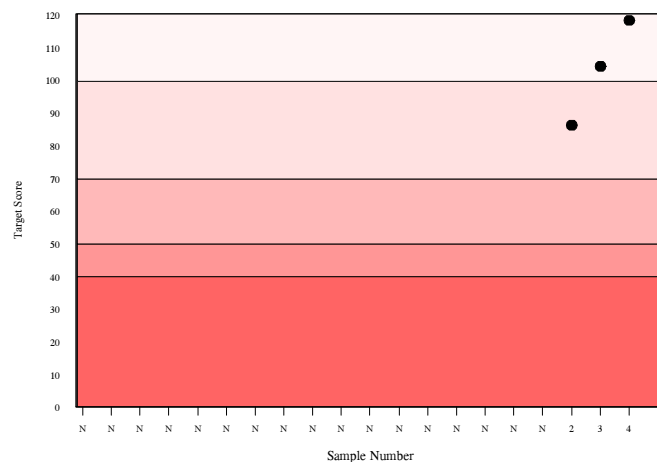
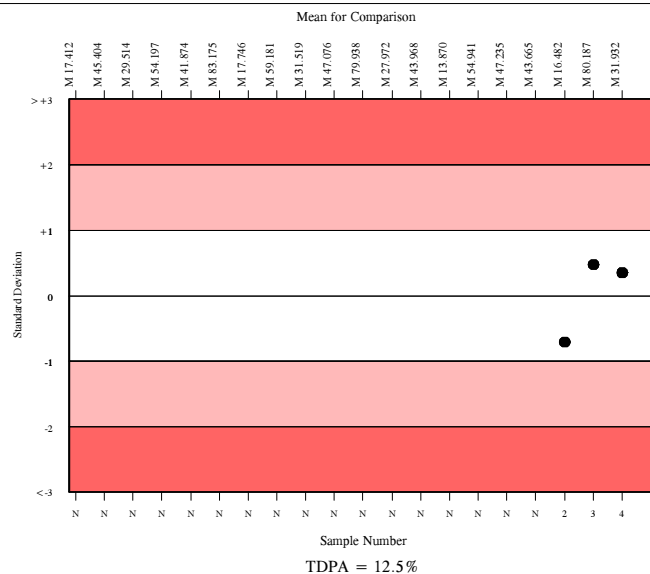
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2534	27.920	18.0	0.13	2.12	122
Roche Cobas 4000/e411	358	31.932	3.8	0.08	2.43	33

▲ Your Result	32.770	SDI	0.35
		RMSDI	Too Few
■ Mean for Comparison	31.932	TS	118
		RMTS	Too Few
		%DEV	2.6
		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	516	31.638	3.0	0.05
Abbott Architect	435	21.350	4.8	0.06
Roche Cobas 4000/e411	358	31.932	3.8	0.08
Siemens Centaur XP/XPT/Classic	265	21.222	5.1	0.08
Beckman DxI 600 / 800	204	26.836	4.9	0.12
Beckman Access/LXi725	90	27.020	4.0	0.14
Roche Elecsys	77	31.879	3.5	0.16
Siemens/DPC Immulite 2000/2500	70	32.197	4.4	0.21
Ortho Vitros 3600/5600/ECi	63	65.540	3.9	0.40
bioMerieux, VIDAS-FT4N Kit	63	34.040	5.8	0.31
Diasorin Liaison	58	34.567	5.8	0.33
Siemens Centaur CP	49	23.141	6.2	0.25
Siemens/DPC Immulite 1000	40	33.223	6.3	0.41
Tosoh	39	32.427	7.2	0.47
SNIBE Maglumi analysers	30	28.319	6.1	0.39
Roche Modular E170	26	31.340	3.5	0.27
CIS, RIA coated tube	11	29.111	8.6	0.94
Fujirebio Lumipulse G Series	11	22.479	8.9	0.75
Immunotech IRMA	5	24.755	1.7	0.23
Monobind Inc. ELISA / CLIA	7	21.921	11.6	1.20
Siemens Dimension Vista LOCI	5	28.538	5.1	0.82

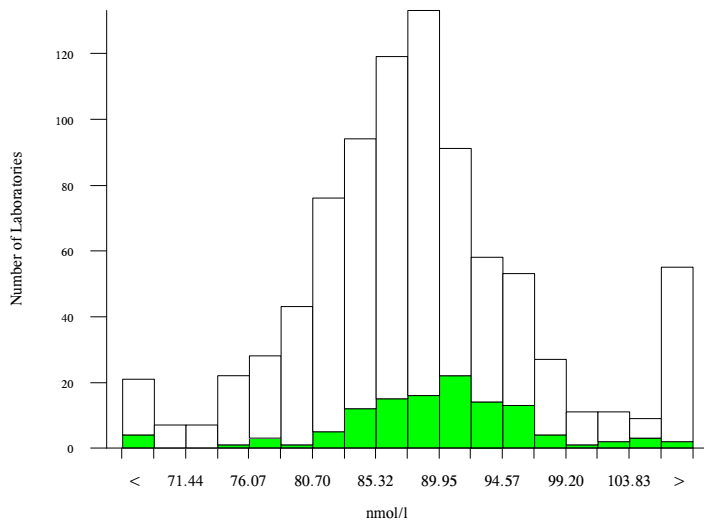


Total T4, nmol/l

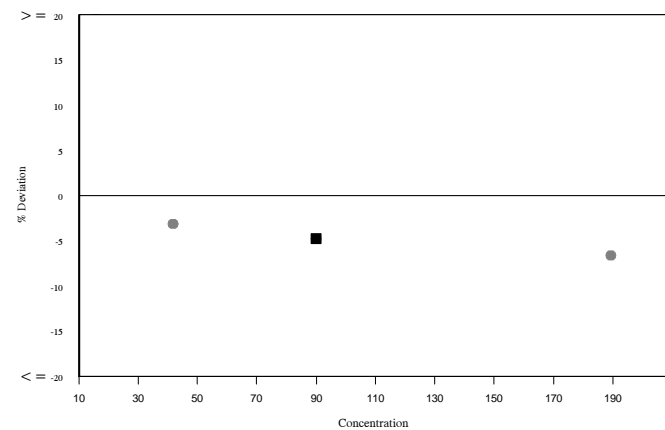
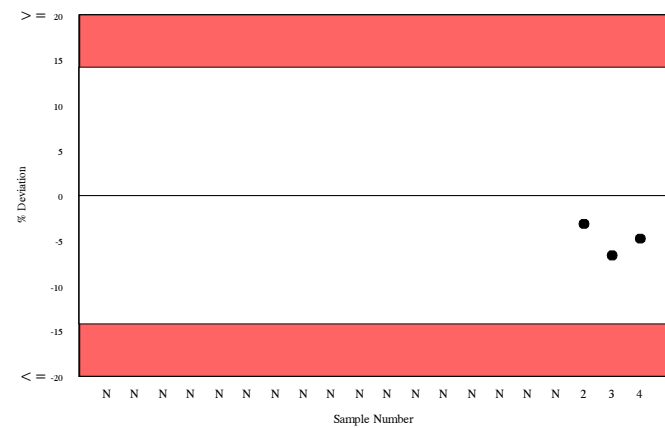
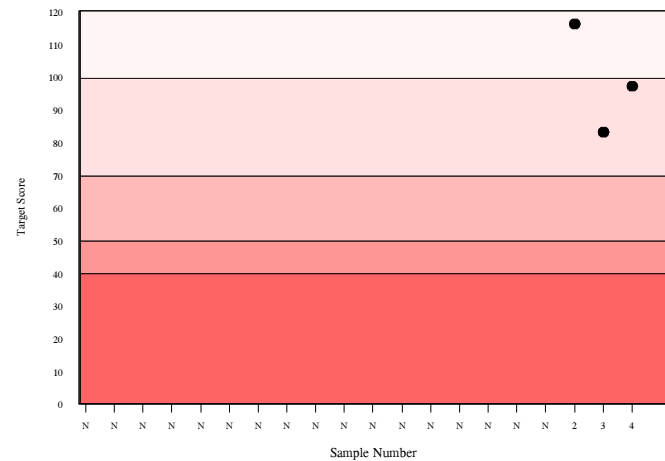
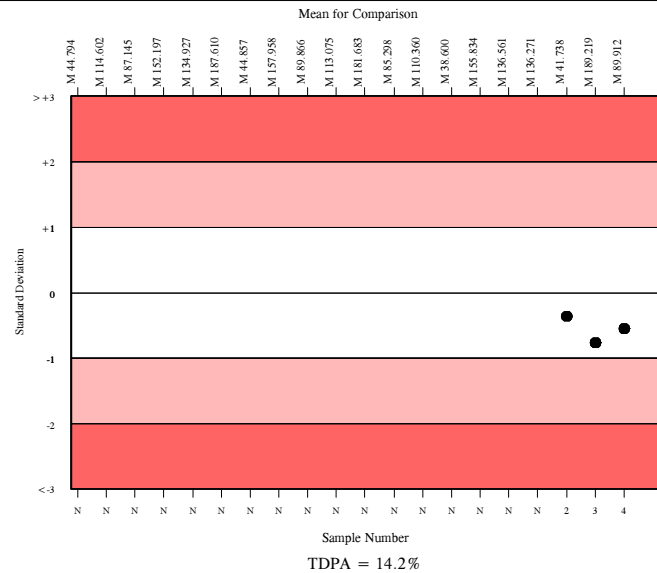
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	778	87.640	7.0	0.28	7.57	88
Roche Cobas 4000/e411	103	89.912	5.0	0.55	7.76	15

▲ Your Result	85.630	SDI	-0.55
		RMSDI	Too Few
■ Mean for Comparison	89.912	TS	97
		RMTS	Too Few
		%DEV	-4.8
		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	166	89.213	4.8	0.41
Roche Cobas 6000/8000	150	85.566	4.3	0.38
Roche Cobas 4000/e411	103	89.912	5.0	0.55
Siemens Centaur XP/XPT/Classic	72	88.273	5.3	0.69
Siemens/DPC Immulite 2000/2500	54	84.175	7.9	1.13
Ortho Vitros 3600/5600/ECi	34	81.227	4.3	0.75
bioMerieux, VIDAS	33	96.835	6.2	1.30
Beckman DxI 600 / 800	27	83.476	7.7	1.54
SNIBE Maglumi analysers	21	113.329	4.7	1.45
Siemens Centaur CP	18	91.211	4.1	1.11
Siemens/DPC Immulite 1000	15	88.706	9.5	2.73
Beckman Access/LXi725	15	85.099	7.6	2.10
Roche Elecsys	12	86.478	8.9	2.76
Roche Modular E170	12	85.872	2.7	0.85
Diasorin Liaison	9	80.159	10.8	3.62
Tosoh	8	78.042	9.0	3.11
CIS, RIA coated tube	7	82.847	4.2	1.64
Immunotech RIA	7	69.023	6.7	2.19
ELISA	4	95.599	19.6	11.70
Monobind Inc. ELISA / CLIA	3	88.287	0.1	0.05
Fujirebio Lumipulse G Series	2	129.238	9.4	10.75

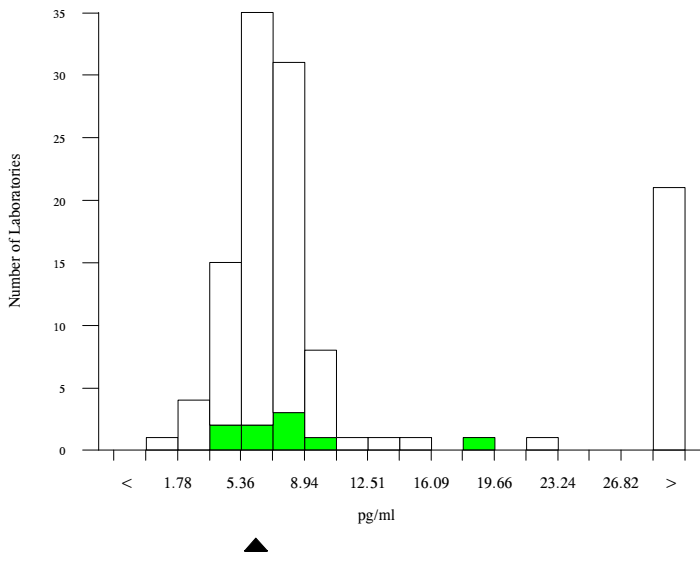


Free Testosterone (Pilot), pg/ml

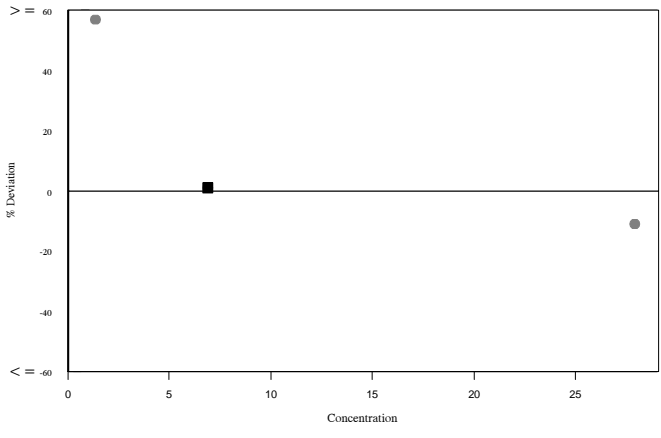
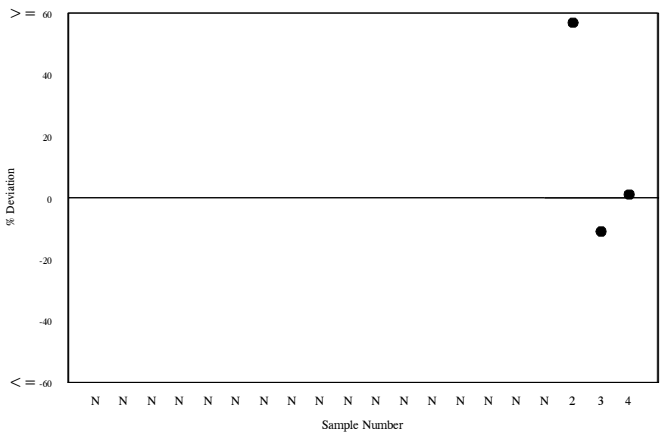
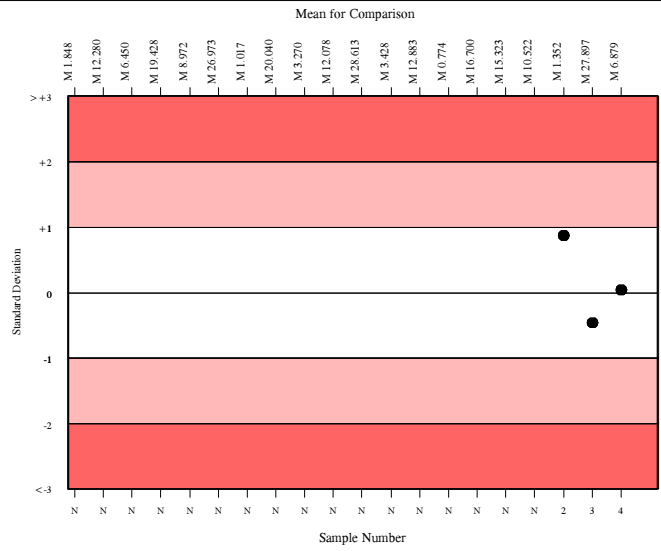
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	99	8.376	80.5	0.85	6.74	21
IBL ELISA	8	6.879	23.5	0.72	1.77a	1

▲ Your Result	6.950	SDI	0.04
		RMSDI	Too Few
■ Mean for Comparison	6.879	TS	N/A
		RMTS	N/A
		%DEV	1.0
		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
DRG, ELISA	17	5.875	32.4	0.58
SNIBE Maglumi analysers	15	8.174	10.5	0.28
Monobind Inc. ELISA / CLIA	12	6.520	15.5	0.36
Calculated	12	56.557	18.6	3.80
IBL ELISA	8	6.879	23.5	0.72
DIAsource, RIA	6	7.521	10.2	0.39
Novatec ELISA	7	5.577	13.0	0.34
DSL/Beckman Coulter, RIA	6	7.943	23.1	0.94
ELISA	4	7.293	19.4	0.88
Roche Cobas 4000/e411	4	57.688	6.9	2.48
Diametra ELISA	4	6.413	10.0	0.40
Roche Cobas 6000/8000	2	57.781	4.6	2.34
DBC, ELISA	3	4.097	39.9	1.18
DIAsource ELISA	2	8.105	24.5	1.76
Radim RIA	2	7.635	19.9	1.34

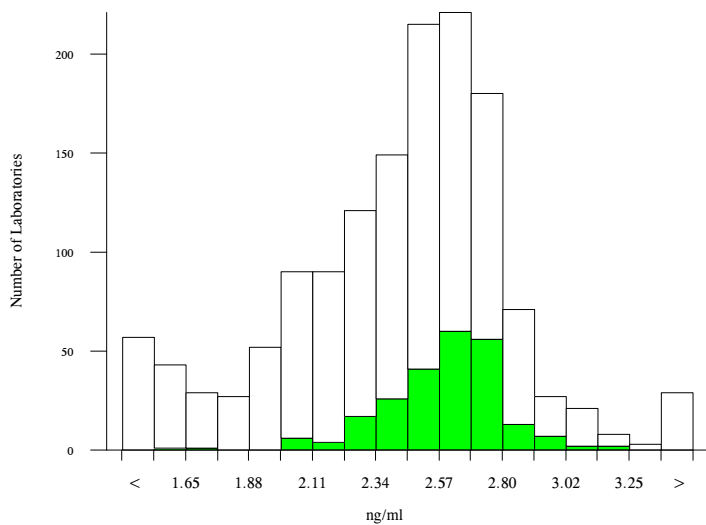


Testosterone, ng/ml

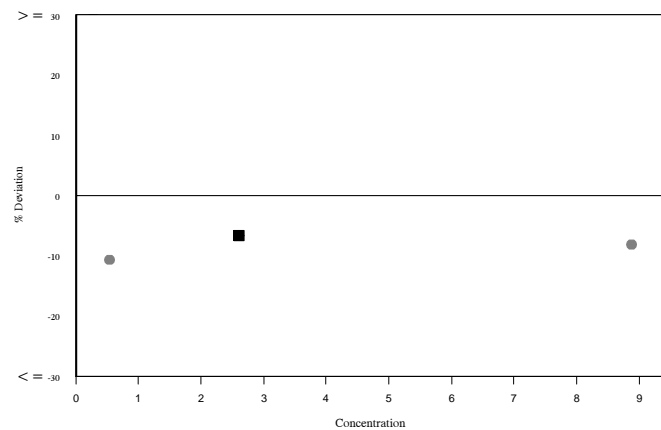
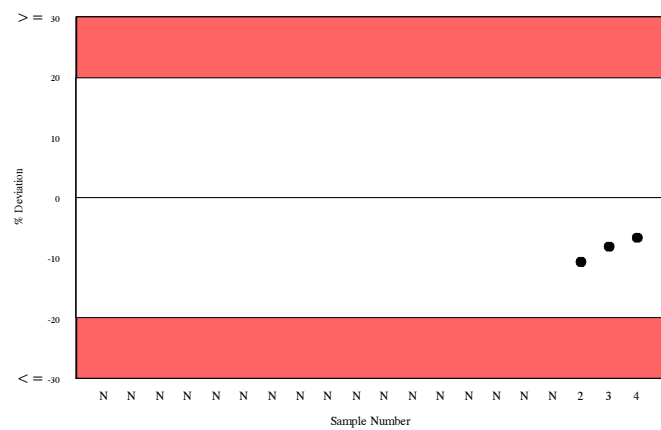
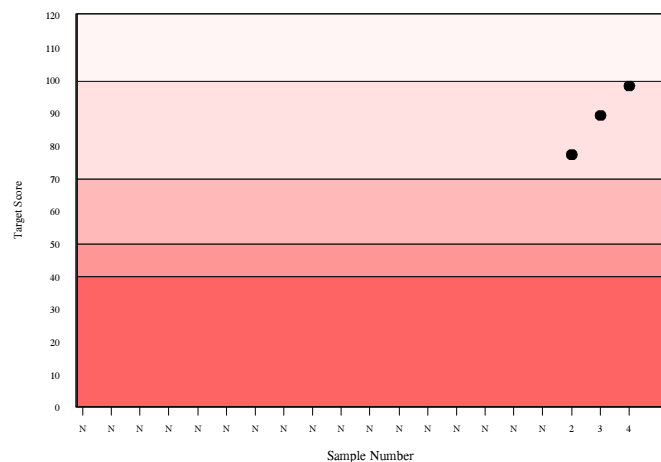
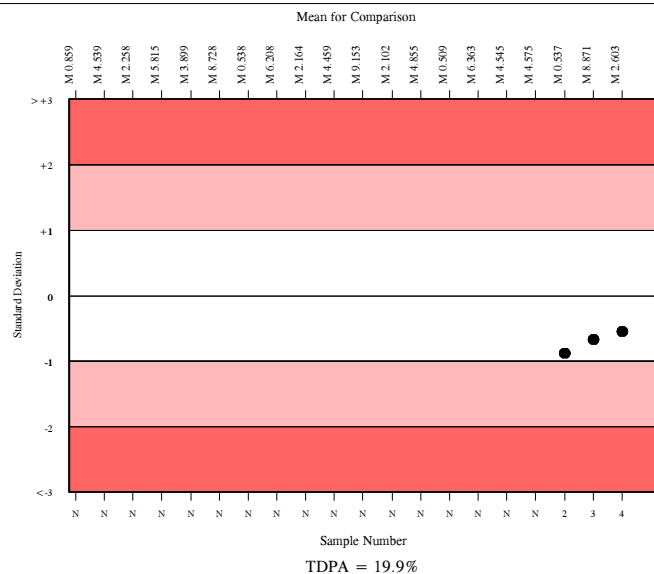
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1305	2.456	12.4	0.01	0.30	128
Roche Cobas 4000/e411 Test II	222	2.603	6.4	0.01	0.31	14

▲ Your Result	2.430	SDI	-0.55
		RMSDI	Too Few
■ Mean for Comparison	2.603	TS	98
		RMTS	Too Few
		%DEV	-6.6
		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	282	2.623	5.1	0.01
Roche Cobas 4000/e411 Test II	222	2.603	6.4	0.01
Abbott Architect	158	2.444	6.4	0.02
Siemens Centaur XP/XPT/Classic TSTO	109	1.925	11.5	0.03
Beckman DxI 600 / 800	111	2.125	4.3	0.01
Abbott Architect 2nd gen	62	2.432	5.4	0.02
Siemens/DPC Immulite 2000/2500	57	2.822	9.3	0.04
bioMerieux VIDAS Testosterone II	45	1.575	5.3	0.02
Roche Elecsys Test II	48	2.582	6.7	0.03
Beckman Access/LXi725	34	2.288	5.4	0.03
Ortho Vitros 3600/5600/ECi	23	2.559	6.3	0.04
TOSOH	23	2.609	12.2	0.08
bioMerieux, VIDAS	22	1.588	6.8	0.03
Roche Modular E170 Test II	21	2.601	4.7	0.03
SNIBE Maglumi analysers	17	2.078	13.3	0.08
Siemens Centaur XP/XPT/Classic TSTII	15	2.514	5.6	0.05
Siemens/DPC Immulite 1000	12	3.157	13.3	0.15
Diasorin Liaison	14	1.368	21.3	0.10
Siemens Centaur CP	9	1.994	6.0	0.05
CIS, RIA Coated tube	5	2.139	2.6	0.03
Fujirebio Lumipulse G Series	4	2.439	6.7	0.10

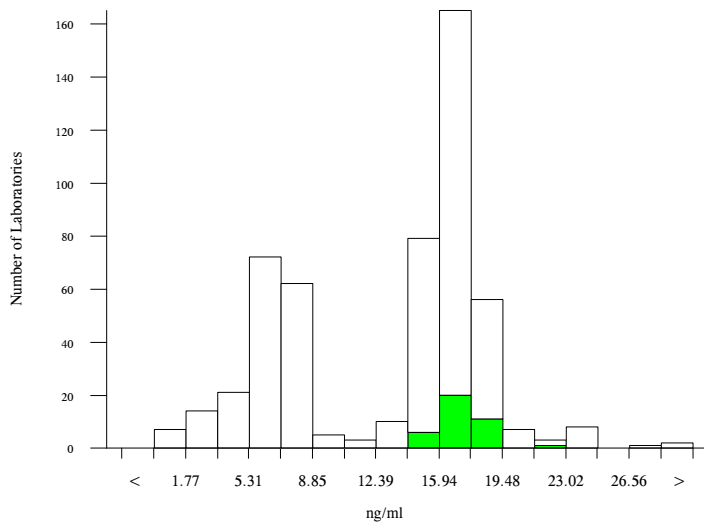
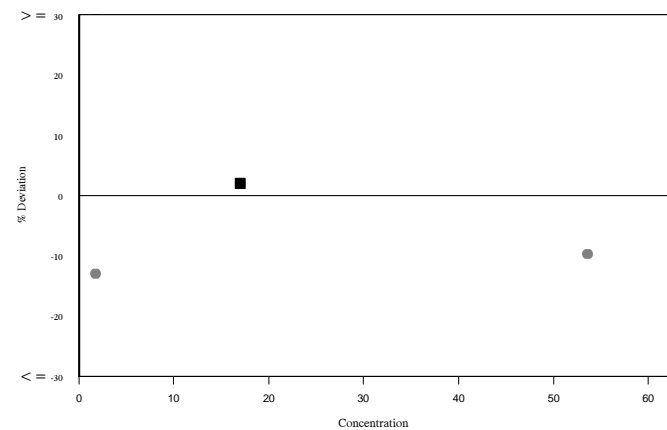
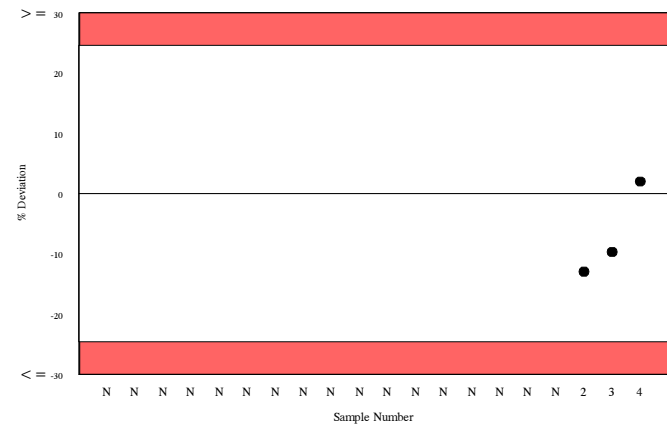
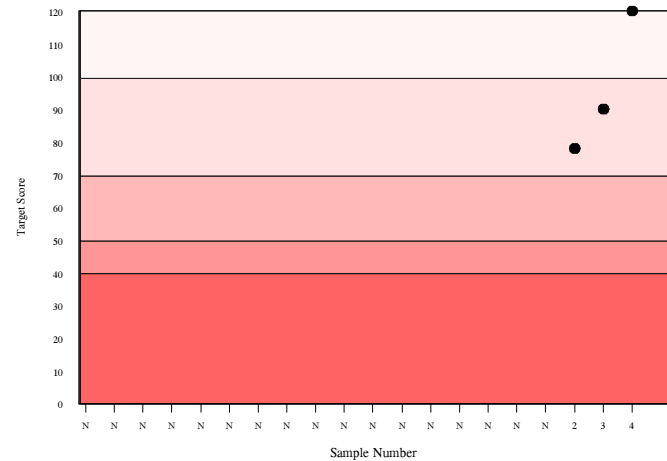
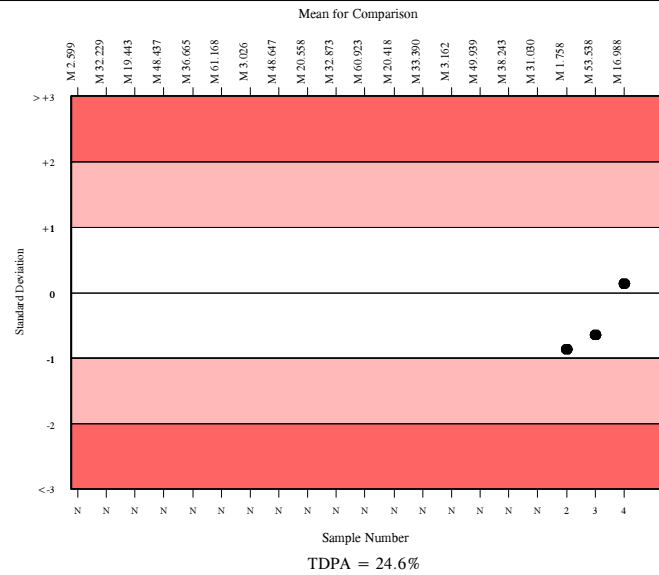


Thyroglobulin, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	492	13.310	37.6	0.28	1.99	24
Roche Cobas 4000/e411 TgII	35	16.988	4.8	0.17	2.54	3

▲ Your Result	17.330	SDI RMSDI	0.13 Too Few
■ Mean for Comparison	16.988	TS RMTS	120 Too Few
		%DEV RM%DEV	2.0 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	108	7.093	9.7	0.08
Roche Cobas 6000/8000 Tg II	67	16.885	4.7	0.12
Roche Cobas 6000/8000	55	17.001	5.7	0.16
Roche Cobas 4000/e411	43	17.089	7.7	0.25
Beckman DxI 600 / 800	38	15.089	6.0	0.18
Roche Cobas 4000/e411 TgII	35	16.988	4.8	0.17
Diasorin Liaison	20	2.714	32.8	0.25
DPC Immulite 1000	19	7.452	11.8	0.25
Tosoh	15	15.919	5.8	0.30
Beckman Access	14	15.891	5.1	0.27
CIS, RIA coated tube	10	23.376	5.2	0.48
Roche Elecsys	11	16.902	8.4	0.53
SNIBE Maglumi analysers	10	3.935	1.8	0.03
Roche Modular E170 Tg II	7	17.230	3.7	0.30
Roche Elecsys Tg II	6	16.648	5.0	0.42
Roche Modular E170	6	16.882	8.1	0.70
Diesse, Chorus	4	5.125	13.0	0.42
ELISA	1	6.220	0.0	0.00



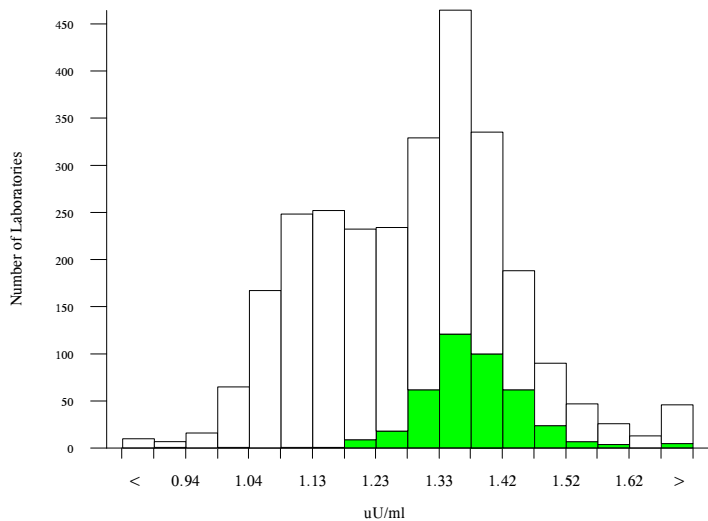
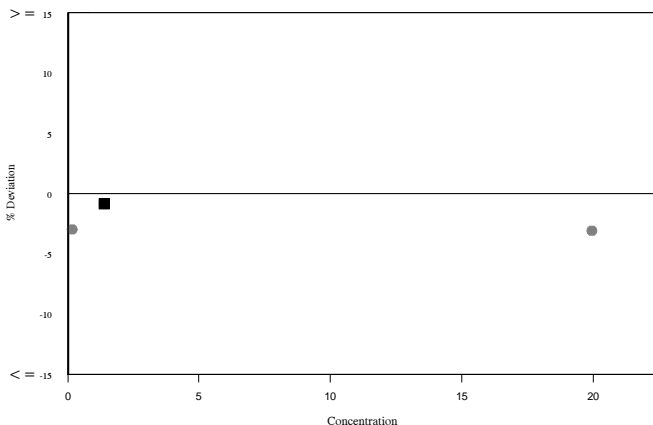
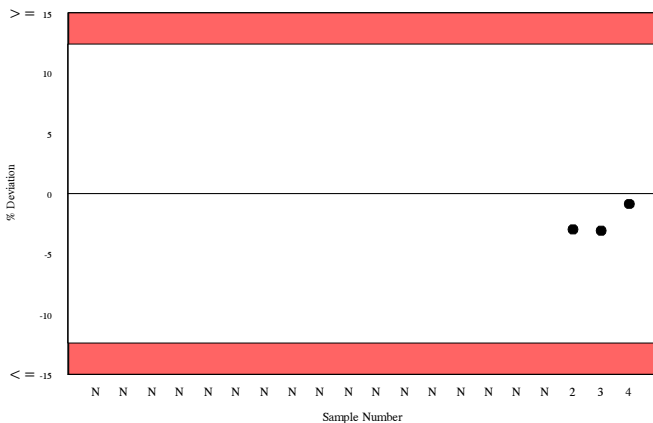
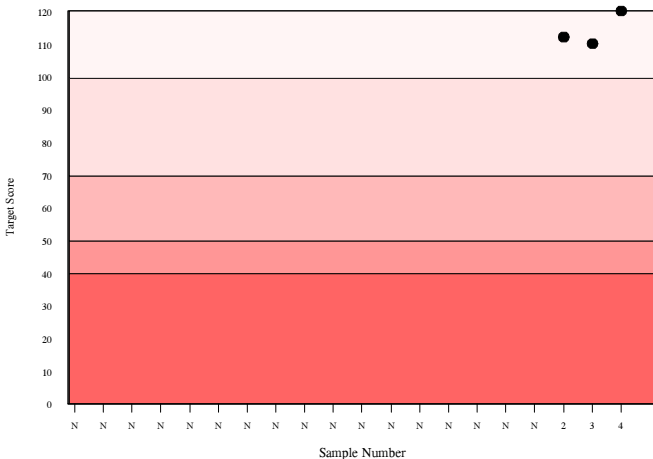
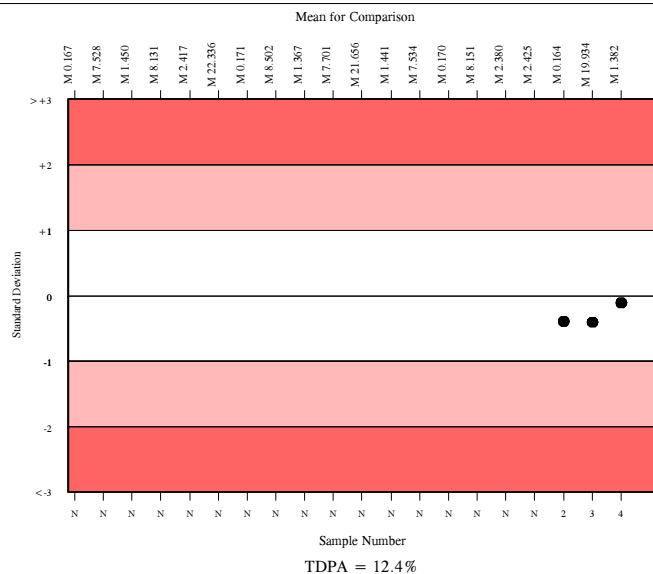
RIQAS

TSH, uU/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2638	1.284	10.1	0.00	0.10	131
Roche Cobas 4000/e411	384	1.382	4.1	0.00	0.10	32

▲ Your Result	1.370	SDI	-0.11
		RMSDI	Too Few
■ Mean for Comparison	1.382	TS	120
		RMTS	Too Few
		%DEV	-0.9
		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	531	1.374	3.0	0.00
Abbott Architect	444	1.132	4.8	0.00
Roche Cobas 4000/e411	384	1.382	4.1	0.00
Siemens Centaur XP/Classic TSH3-Ultra	140	1.261	3.7	0.00
Siemens Centaur XP/XPT/Classic	117	1.278	4.6	0.01
Beckman Dxi600/800 Hyper TSH	102	1.128	4.7	0.01
Roche Elecsys	82	1.381	4.5	0.01
Access/LXi725 hyper TSH 3rd gen	80	1.158	6.0	0.01
Siemens/DPC Immulite 2000/2500	69	1.283	6.3	0.01
Ortho Vitros 3600/5600/ECi	66	1.454	4.1	0.01
bioMerieux, VIDAS, TSH	63	1.301	6.4	0.01
Beckman DXI600/800 Access(3rd IS)	60	1.111	4.4	0.01
Diasorin Liaison	59	1.558	8.8	0.02
Tosoh	44	1.341	9.1	0.02
Siemens/DPC Immulite 1000	36	1.208	6.3	0.02
Beckman Dxi600/800 Fast TSH	34	1.111	3.7	0.01
Siemens Centaur CP	31	1.295	4.8	0.01
SNIBE Maglumi analysers	30	1.487	5.5	0.02
Roche Modular E170	28	1.370	2.5	0.01
Siemens Centaur CP TSH3-Ultra	21	1.258	6.3	0.02
Beckman Dxi600/800 1st gen.	20	1.152	7.8	0.02



RIQAS

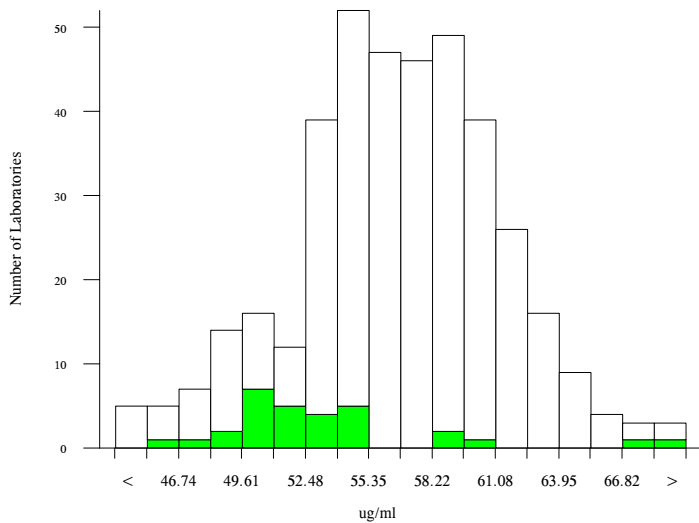
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Valproic acid, ug/ml

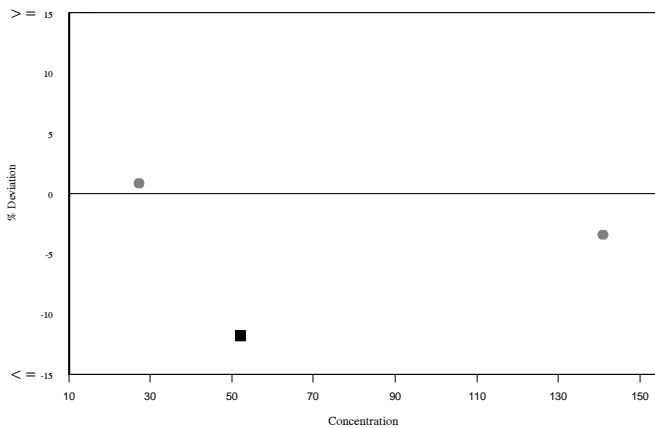
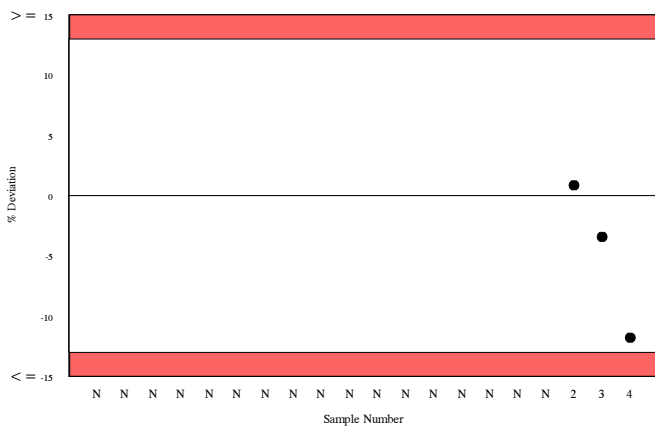
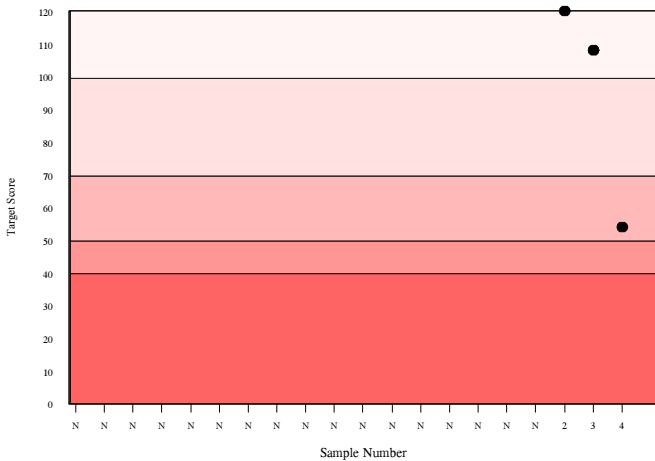
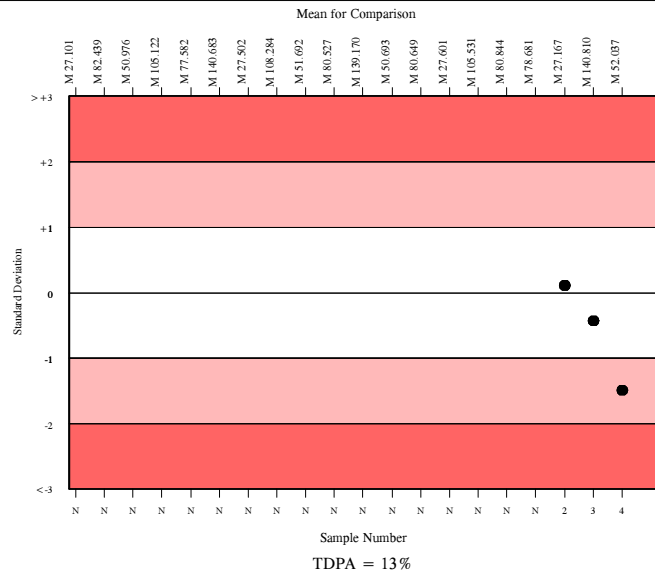
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	367	56.787	6.7	0.25	4.49	25
Siemens/DPC Immulite 2000/2500	27	52.037	5.8	0.72	4.11	3

▲ Your Result	45.900	SDI RMSDI	-1.49 Too Few
■ Mean for Comparison	52.037	TS RMTS	54 Too Few
		%DEV RM%DEV	-11.8 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	117	57.227	6.3	0.42
Roche Cobas 6000/8000	63	57.429	4.8	0.43
Siemens Centaur XP/XPT/Classic	27	58.563	4.1	0.57
Siemens/DPC Immulite 2000/2500	27	52.037	5.8	0.72
Beckman AU400/600/640/2700/5400	26	58.319	5.5	0.79
Roche Integra	18	55.508	3.1	0.51
Siemens Dimension	19	58.590	4.6	0.77
Siemens/DPC Immulite 1000	16	56.381	6.7	1.18
Beckman DxC	10	53.034	6.5	1.36
Ortho Vitros 4600/5600/5.1	8	48.342	8.6	1.83
Siemens Advia 1200/1650/1800/2400	6	57.967	5.4	1.59
Roche Cobas 4000/c311	6	59.333	6.1	1.85
Siemens Centaur CP	4	59.550	9.4	3.51
Abbott AxSYM	3	55.503	8.7	3.48
Siemens Syva/Emit	2	60.499	8.2	4.38
Roche Modular P/D	2	56.400	6.3	3.12

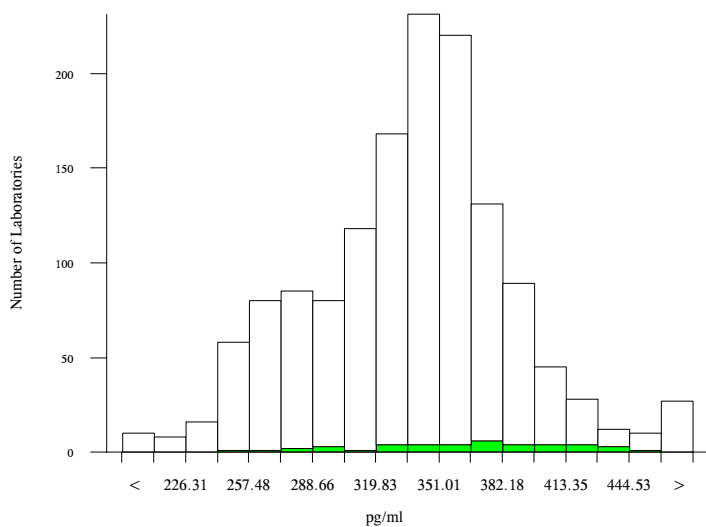


Vitamin B12, pg/ml

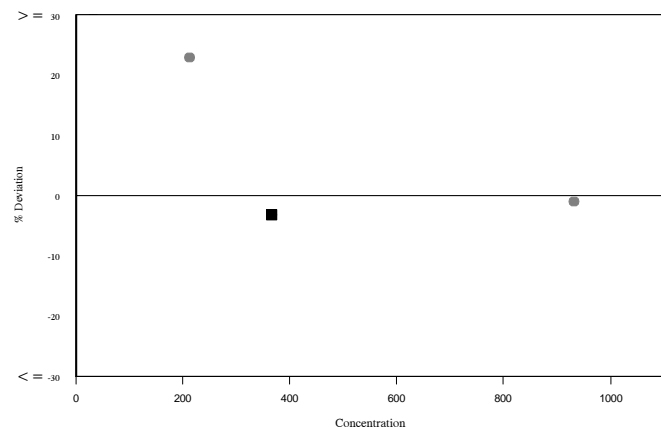
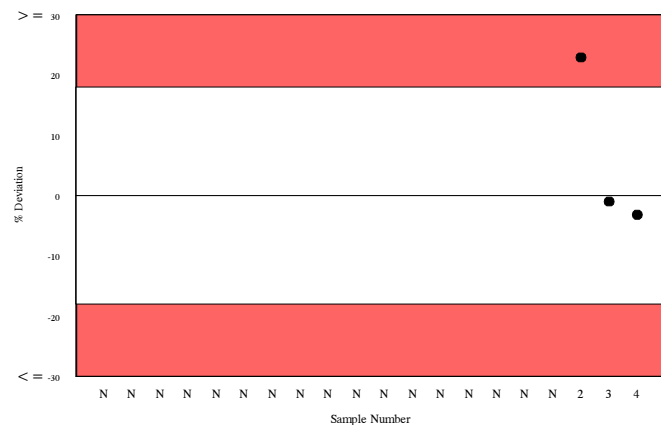
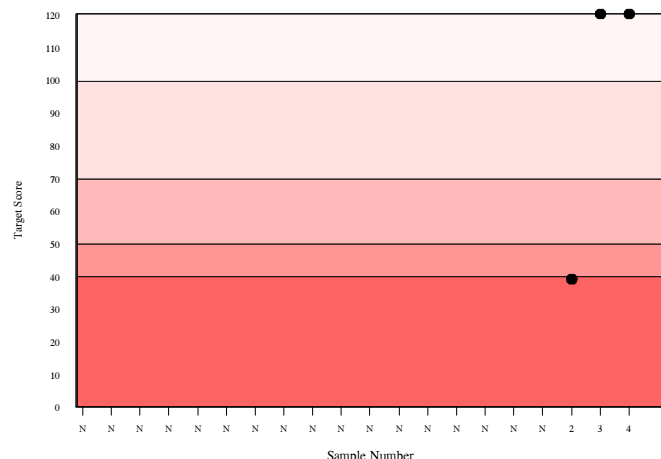
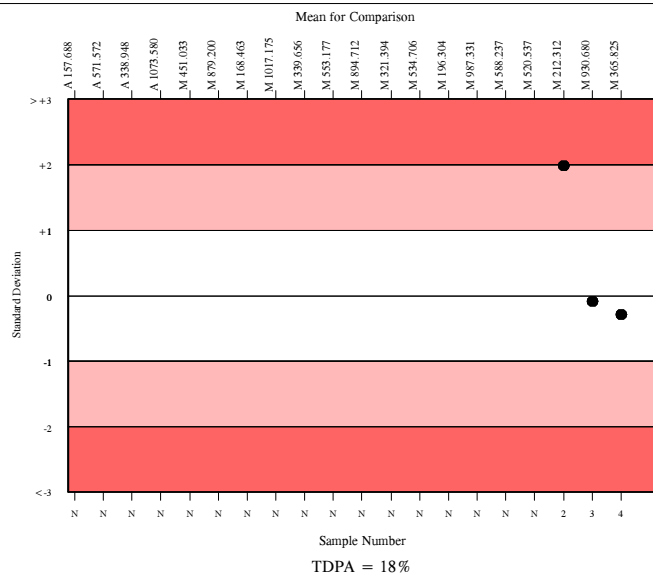
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1337	335.423	12.4	1.42	36.71	80
Roche Cobas 4000/e411 Gen II	41	365.825	12.7	9.04	40.03	1

▲ Your Result	354.200	SDI	-0.29
		RMSDI	Too Few
■ Mean for Comparison	365.825	TS	120
		RMTS	Too Few
		%DEV	-3.2
		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	263	341.270	7.7	2.01
Roche Cobas 6000/8000	233	352.772	6.0	1.75
Roche Cobas 4000/e411	164	355.510	11.9	4.13
Siemens Centaur XP/XPT/Classic	160	350.281	9.0	3.12
Beckman DxI 600 / 800	147	269.502	5.7	1.59
Roche Cobas 6000/8000 Gen II	66	352.910	5.2	2.80
Beckman Access/LXi725	48	275.453	6.9	3.45
Siemens/DPC Immulite 2000	41	254.586	10.1	5.00
Roche Cobas 4000/e411 Gen II	41	365.825	12.7	9.04
Roche Elecsys	32	363.414	8.2	6.57
Ortho Vitros 3600/5600/ECi	30	335.207	4.2	3.19
Roche Modular E170	22	355.726	4.9	4.69
Siemens Centaur CP	18	361.678	15.1	16.07
SNIBE Maglumi analysers	11	350.383	0.9	1.13
TOSOH	12	409.342	12.9	19.13
Siemens Dimension	8	339.606	7.3	10.99
Siemens/DPC Immulite 1000	4	240.924	8.2	12.39
MP Biomedicals RIA	6	325.672	9.1	15.16
Roche Modular E170 Gen II	3	356.933	6.1	15.63

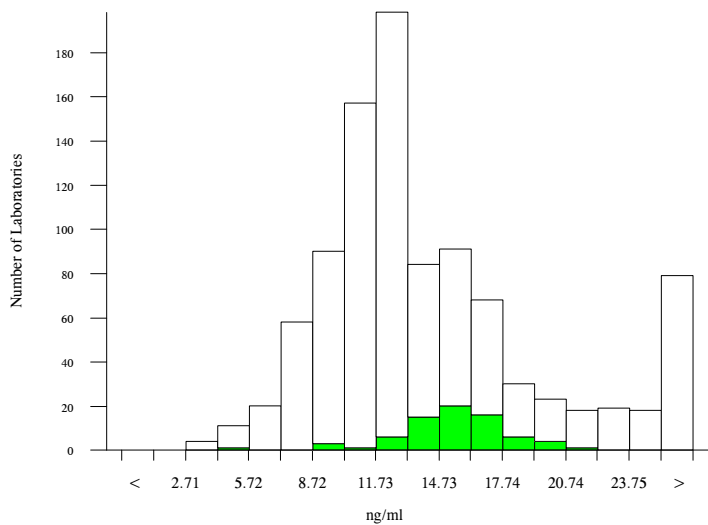
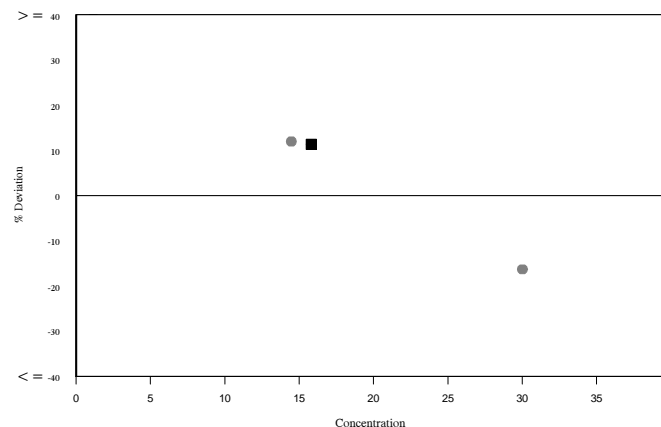
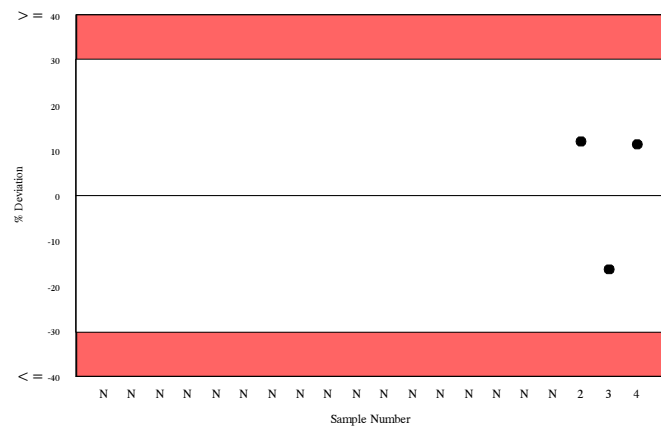
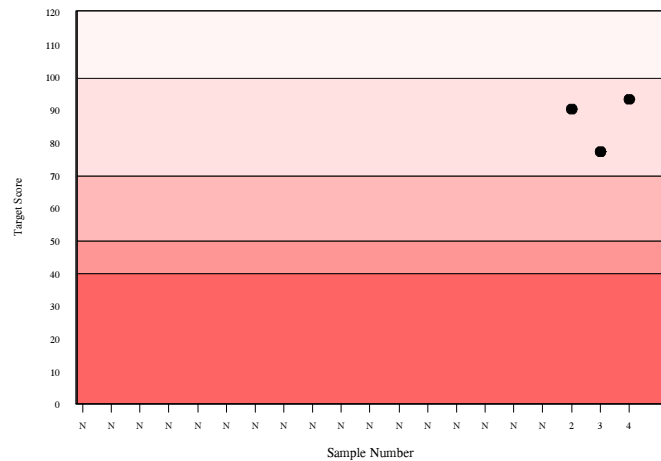
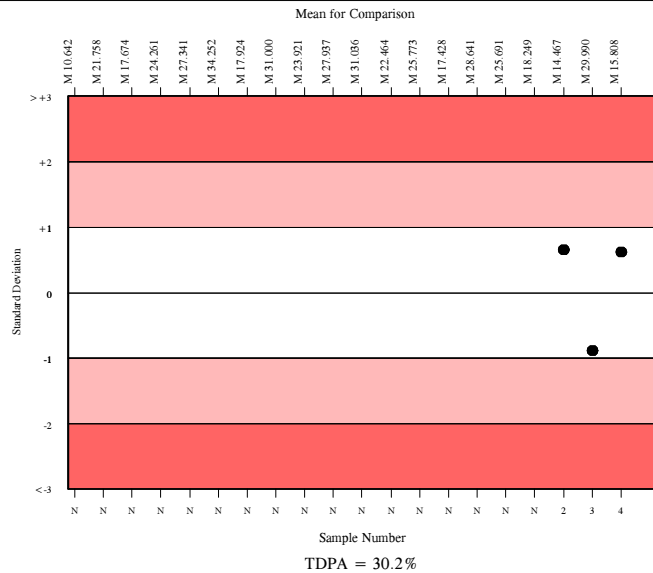


25-OH-Vitamin D, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	887	13.236	30.3	0.17	2.43	82
bioMerieux Vidas/mini Vidas/Vidas 3	67	15.808	12.0	0.29	2.90	6

▲ Your Result	17.600	SDI	0.62
		RMSDI	Too Few
■ Mean for Comparison	15.808	TS	93
		RMTS	Too Few
		%DEV	11.3
		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	333	10.372	18.9	0.13
Abbott Architect	183	12.383	6.6	0.08
Siemens Centaur XP/XPT/Classic	82	26.822	14.3	0.53
Beckman DxI 600 /800	66	15.377	9.7	0.23
bioMerieux Vidas/mini Vidas/Vidas 3	67	15.808	12.0	0.29
Diasorin Liaison	64	17.357	11.2	0.30
Ortho Vitros 3600/5600/ECi	26	27.502	15.1	1.02
Beckman Access 25 OH Vitamin D Total	18	17.385	19.4	1.00
SNIBE Maglumi Analyser	14	15.535	3.1	0.16
TOSOH	8	18.381	12.7	1.03
Fujirebio Lumipulse G Series	7	11.943	6.2	0.35
HPLC/UPLC	5	10.630	20.6	1.23
IDS iSYS	5	9.815	13.7	0.75
LC/MS	3	16.233	7.9	0.93
DIAsource, RIA	2	15.430	72.1	9.84
ELISA	1	11.950	0.0	0.00



RIQAS

Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	17.040	57.500	<u>7.45</u>	Too Few	237.4	Too Few	N/A	N/A	
AFP	37.567	34.470	-0.90	Too Few	-8.2	Too Few	76	Too Few	
Aldosterone	199.656	164.800	-0.30	Too Few	-17.5	Too Few	N/A	N/A	
Androstenedione (Pilot)	2.336	1.970	-1.84	Too Few	-15.7	Too Few	N/A	N/A	
Beta-2-Microglobulin	2.135	1.890	-1.09	Too Few	-11.5	Too Few	68	Too Few	
CA 125	64.546	65.600	0.21	Too Few	1.6	Too Few	120	Too Few	
CA 15-3	34.210	33.290	-0.31	Too Few	-2.7	Too Few	120	Too Few	
CA 19-9	43.193	39.260	-0.94	Too Few	-9.1	Too Few	74	Too Few	
CEA	14.428	13.480	-0.80	Too Few	-6.6	Too Few	81	Too Few	
Cortisol	394.023	401.600	0.22	Too Few	1.9	Too Few	120	Too Few	
C-Peptide	4.060	3.750	-0.42	Too Few	-7.6	Too Few	110	Too Few	
DHEA-S	344.180	327.200	-0.44	Too Few	-4.9	Too Few	107	Too Few	
Digoxin	1.368	1.200	-1.11	Too Few	-12.3	Too Few	67	Too Few	
Ferritin	65.773	57.250	-1.51	Too Few	-13.0	Too Few	54	Too Few	
Folate	3.805	3.040	-1.41	Too Few	<u>-20.1</u>	Too Few	<u>49</u>	Too Few	
FSH	15.667	15.890	0.18	Too Few	1.4	Too Few	120	Too Few	
GH	4.047	4.230	0.36	Too Few	4.5	Too Few	116	Too Few	
hCG	17.877	18.470	0.39	Too Few	3.3	Too Few	112	Too Few	
IgE	182.634	169.000	-0.88	Too Few	-7.5	Too Few	77	Too Few	
Insulin	3.071	2.860	-0.58	Too Few	-6.9	Too Few	95	Too Few	
LH	17.510	17.760	0.20	Too Few	1.4	Too Few	120	Too Few	
Oestradiol	139.831	151.000	0.78	Too Few	8.0	Too Few	83	Too Few	
17-OH-Progesterone	2.569	2.730	0.42	Too Few	6.3	Too Few	N/A	N/A	
Progesterone	6.041	6.210	0.25	Too Few	2.8	Too Few	120	Too Few	
Prolactin	449.738	455.800	0.09	Too Few	1.3	Too Few	120	Too Few	
PSA, Free	6.593	6.320	-0.58	Too Few	-4.1	Too Few	95	Too Few	
PSA, Total	9.824	8.790	-1.41	Too Few	-10.5	Too Few	57	Too Few	
Parathyroid hormone	153.540	89.950	-1.73	Too Few	-41.4	Too Few	N/A	N/A	
Sex Hormone Binding Globulin	25.299	24.070	-0.60	Too Few	-4.9	Too Few	94	Too Few	
Free T3	10.104	9.770	-0.38	Too Few	-3.3	Too Few	113	Too Few	
Total T3	2.836	2.890	0.21	Too Few	1.9	Too Few	120	Too Few	
Free T4	31.932	32.770	0.35	Too Few	2.6	Too Few	118	Too Few	
Total T4	89.912	85.630	-0.55	Too Few	-4.8	Too Few	97	Too Few	
Free Testosterone (Pilot)	6.879	6.950	0.04	Too Few	1.0	Too Few	N/A	N/A	
Testosterone	2.603	2.430	-0.55	Too Few	-6.6	Too Few	98	Too Few	
Thyroglobulin	16.988	17.330	0.13	Too Few	2.0	Too Few	120	Too Few	
TSH	1.382	1.370	-0.11	Too Few	-0.9	Too Few	120	Too Few	
Valproic acid	52.037	45.900	-1.49	Too Few	-11.8	Too Few	54	Too Few	
Vitamin B12	365.825	354.200	-0.29	Too Few	-3.2	Too Few	120	Too Few	
25-OH-Vitamin D	15.808	17.600	0.62	Too Few	11.3	Too Few	93	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

END OF REPORT