

Dena Laboratory

MONTHLY IMMUNOASSAY

CYCLE 15 SAMPLE 2

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: 02/03/2017

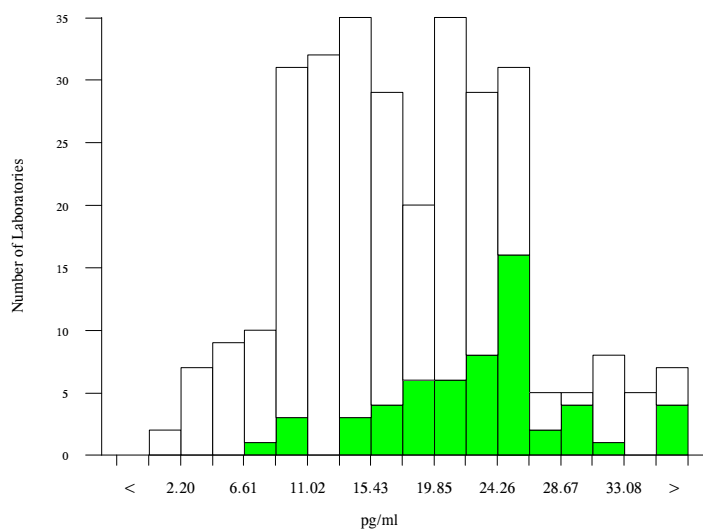
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ACTH, pg/ml

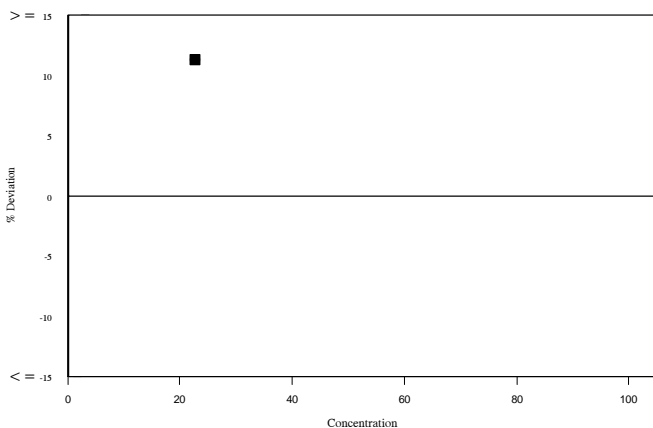
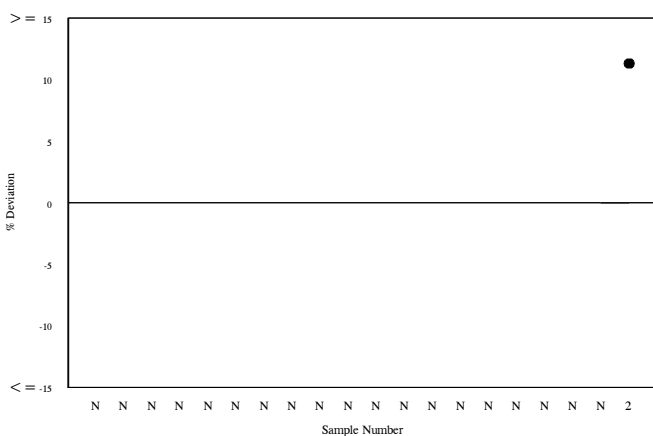
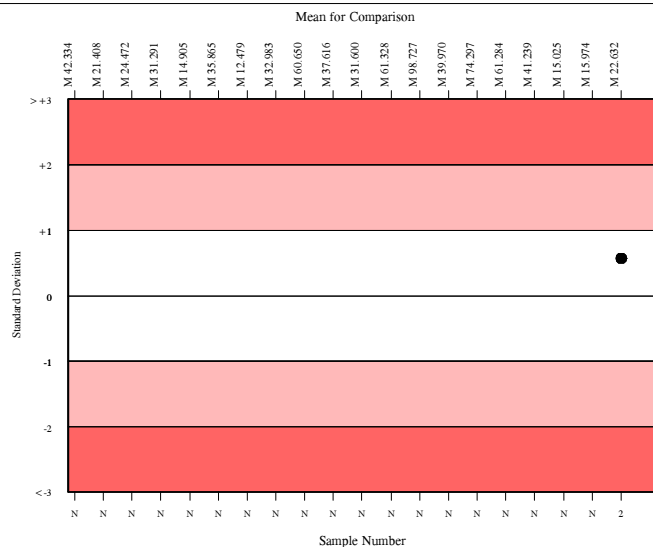
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	271	17.222	35.0	0.46	6.02	35
Roche Cobas 4000/e411	51	22.632	20.0	0.79	4.52	7

▲ Your Result	25.190	SDI	0.57
		RMSDI	Too Few
■ Mean for Comparison	22.632	TS	N/A
		RMTS	N/A
		%DEV	11.3
		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	90	12.526	22.1	0.36
Roche Cobas 6000/8000	59	22.386	11.2	0.41
Roche Cobas 4000/e411	51	22.632	20.0	0.79
Diasorin Liaison	20	14.360	37.7	1.51
Siemens/DPC Immulite 1000	22	15.944	28.8	1.23
SNIBE Maglumi analysers	10	32.768	1.5	0.20
TOSOH	4	11.475	39.2	2.81
Roche Elecsys	4	16.610	29.2	3.03
Roche Modular E170	5	20.898	19.6	2.29
CIS, IRMA	2	51.710	22.9	10.49

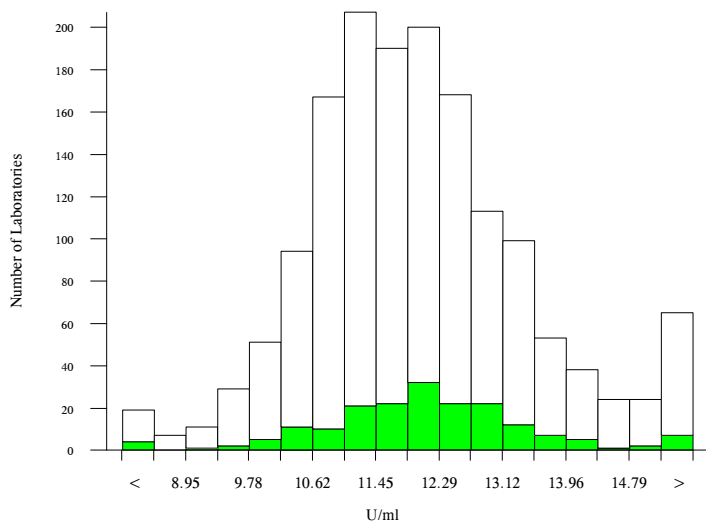


AFP, U/ml

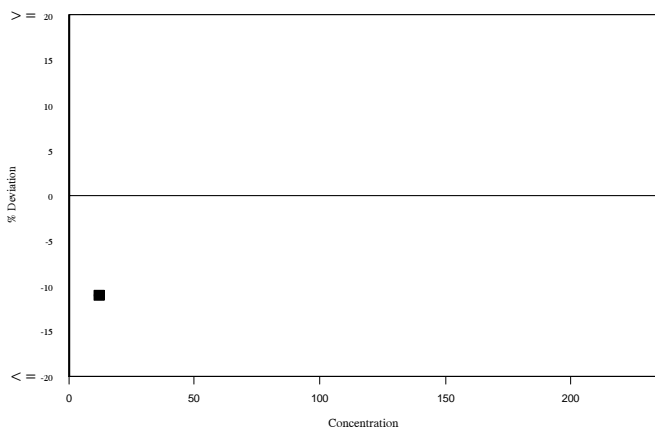
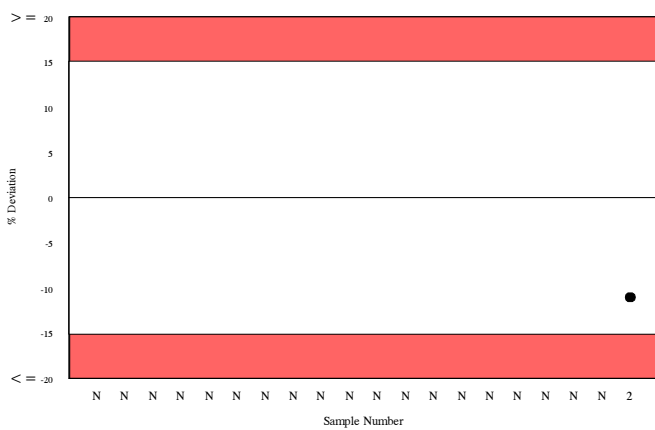
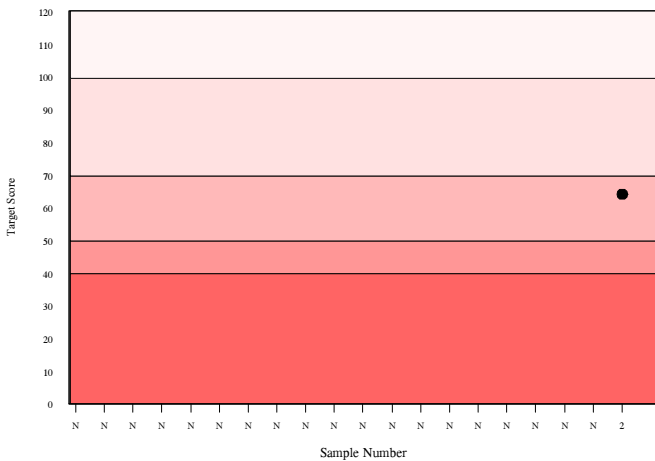
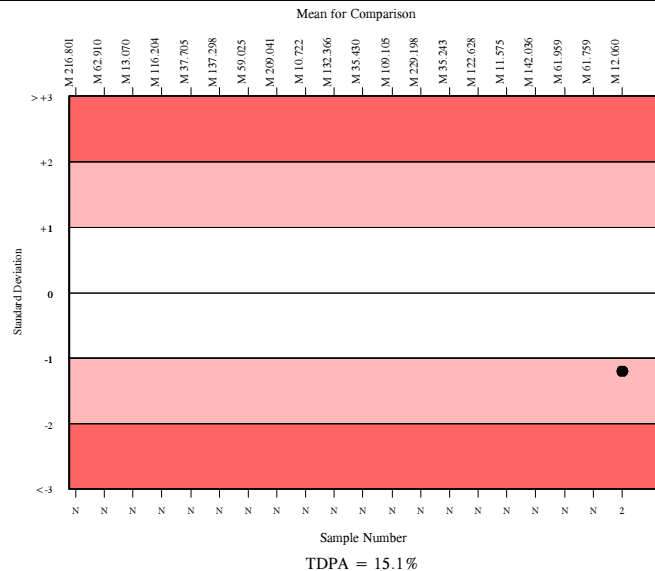
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1436	11.875	9.4	0.04	1.09	123
Roche Cobas 4000/e411	170	12.060	8.3	0.10	1.11	16

▲ Your Result	10.730	SDI	-1.20
		RMSDI	Too Few
■ Mean for Comparison	12.060	TS	64
		RMTS	Too Few
		%DEV	-11.0
		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	311	12.200	5.5	0.05
Abbott Architect	274	11.119	4.0	0.03
Roche Cobas 4000/e411	170	12.060	8.3	0.10
Siemens Centaur XP/XPT/Classic	144	13.565	8.3	0.12
Beckman DxI 600 / 800	138	11.857	6.9	0.09
Siemens/DPC Immulite 2000/2500	63	10.505	7.6	0.13
bioMerieux, Vidas/Mini Vidas	46	10.431	8.0	0.15
Roche Elecsys	48	12.018	8.7	0.19
Beckman Access/LXi725	36	12.146	10.3	0.26
DiaSorin, Liaison	31	13.259	8.6	0.26
Ortho Vitros 3600/5600/ECi	31	13.124	9.2	0.27
Tosoh	23	11.540	6.3	0.19
Roche Modular E170	20	12.342	5.0	0.17
Siemens/DPC Immulite 1000	16	11.672	5.6	0.21
Siemens Centaur CP	15	13.408	12.8	0.56
SNIBE Maglumi analysers	15	11.356	6.4	0.24
CIS, IRMA	16	18.861	8.6	0.51
Fujirebio Lumipulse G Series	10	11.255	5.8	0.26
Siemens Dimension	6	12.258	8.5	0.53
bioMerieux, VIDIA	1	10.790	0.0	0.00



Aldosterone, pg/ml

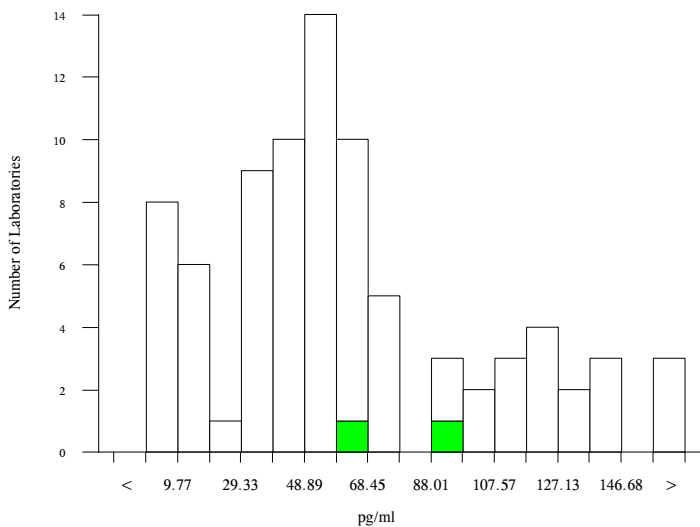
- All Methods
- DiaMetra ELISA

N	Mean	CV%	U _m	SDPA	Exc.
74	56.728	58.6	4.83	33.25	9
2	78.050	20.0	13.81	20.86a	0

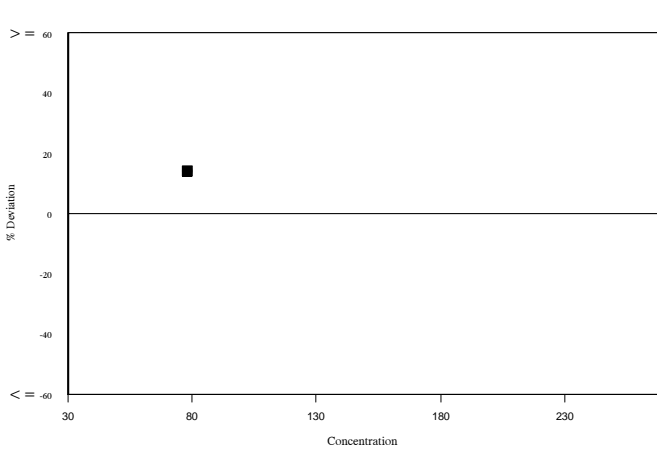
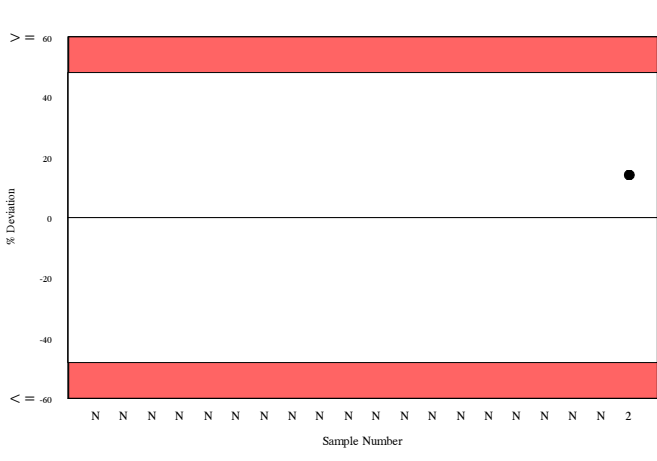
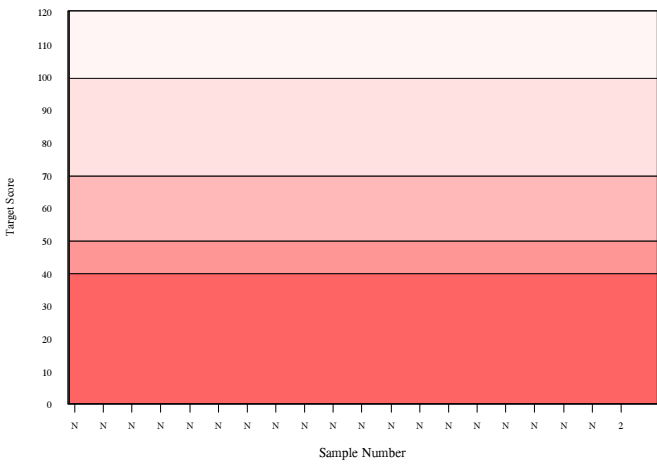
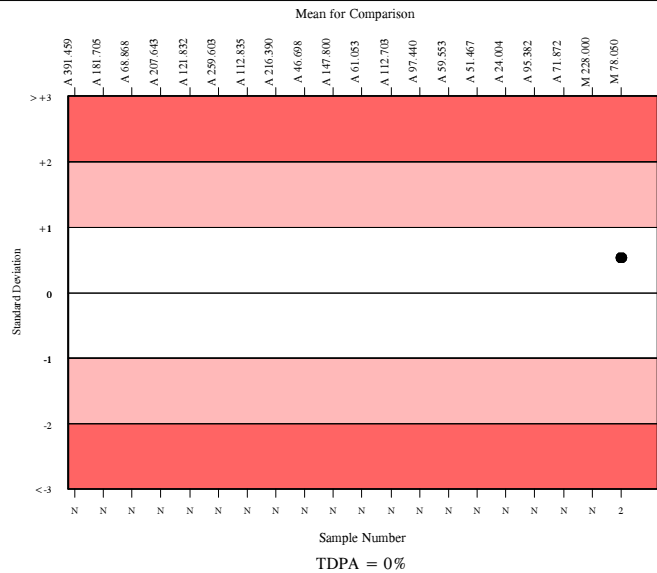
▲ Your Result	89.100	SDI	0.53
		RMSDI	Too Few
■ Mean for Comparison	78.050	TS	N/A
		RMTS	Too Few
		%DEV	14.2
		RM%DEV	Too Few

The mean for comparison is not statistically significant

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



Method	N	Mean	CV%	U _m
Diasorin Liaison	26	51.540	15.1	1.91
SNIBE Maglumi analysers	10	9.754	1.1	0.04
Immunotech RIA	6	125.045	18.9	12.05
DRG, ELISA	5	95.350	40.8	21.72
CIS, RIA	4	38.453	4.8	1.16
ELISA	4	70.203	41.9	18.39
IDS iSYS	5	122.239	6.5	4.42
ZenTech RIA	3	63.300	8.7	3.98
AutoBio CLIA	1	125.770	0.0	0.00
Diasorin, RIA	2	45.450	1.4	0.56
DBE, ELISA	1	64.000	0.0	0.00
DiaMetra ELISA	2	78.050	20.0	13.81



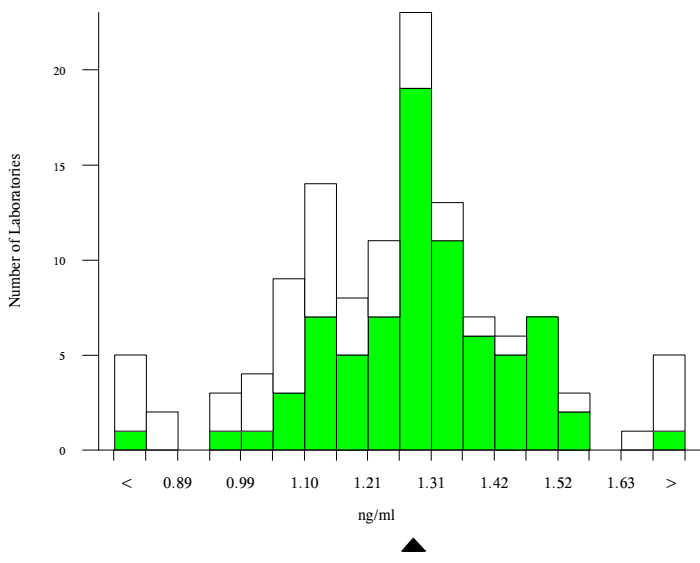
RIQAS

Androstenedione (Pilot), ng/ml

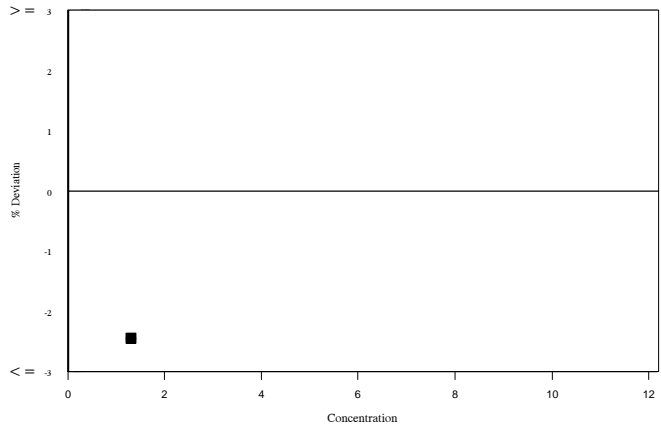
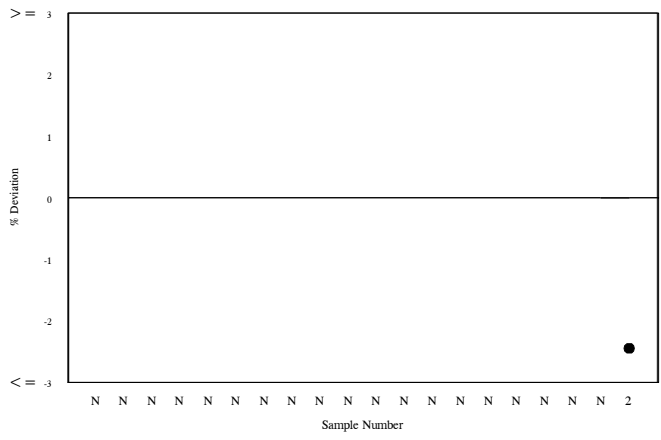
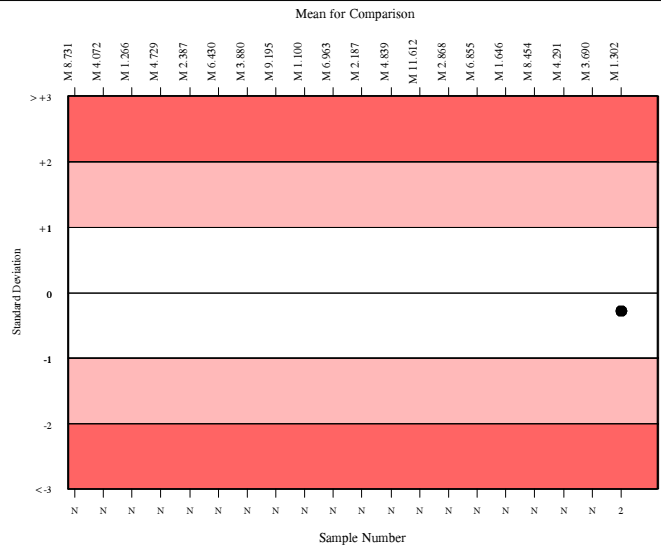
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	108	1.264	11.1	0.02	0.14	13
Siemens/DPC Immulite 2000	70	1.302	8.6	0.02	0.11	6

▲ Your Result	1.270	SDI	-0.28
		RMSDI	Too Few
■ Mean for Comparison	1.302	TS	N/A
		RMTS	N/A
		%DEV	-2.4
		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	70	1.302	8.6	0.02
Siemens/DPC Immulite 1000	16	1.169	13.0	0.05
DRG, ELISA	5	1.124	3.4	0.02
Beckman Coulter Active RIA	6	0.962	14.2	0.07
DIAsource, RIA	4	1.410	14.5	0.13
Novatec ELISA	3	1.151	18.8	0.16
Labor Diagnostike Nord ELISA	2	1.084	2.0	0.02

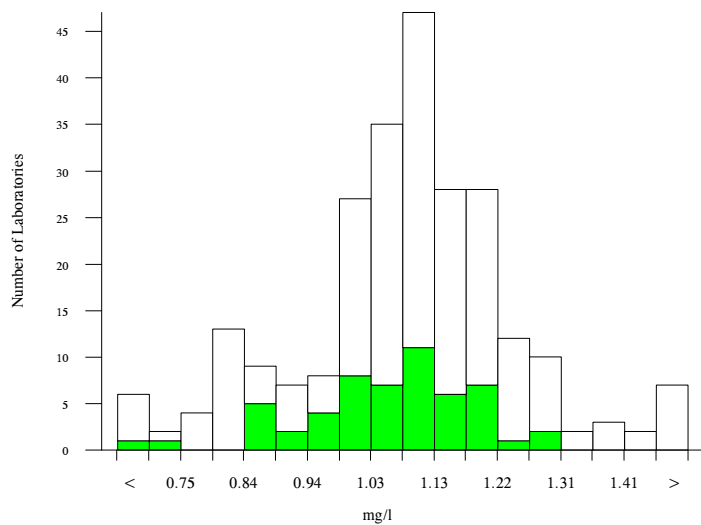


Beta-2-Microglobulin, mg/l

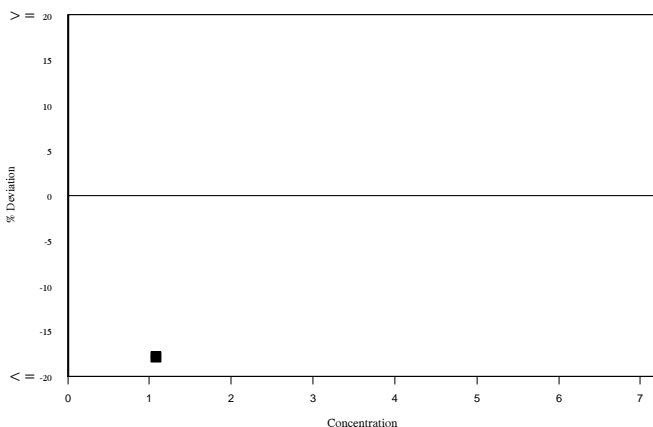
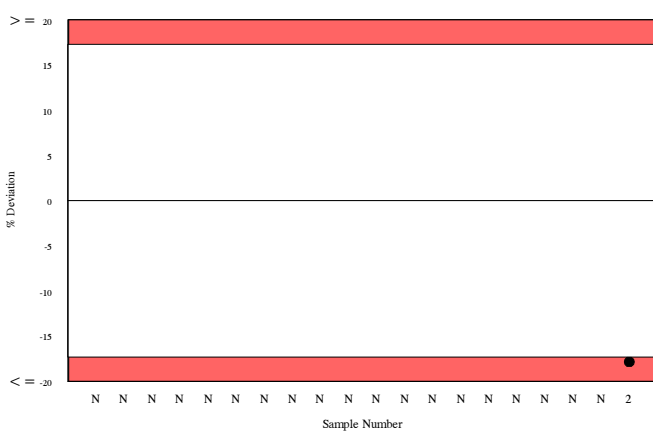
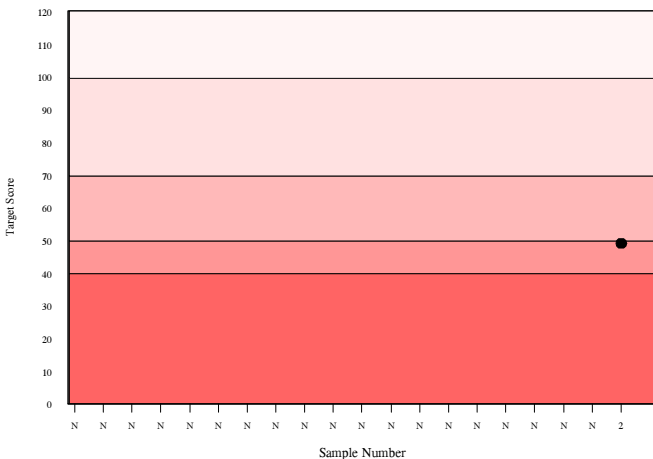
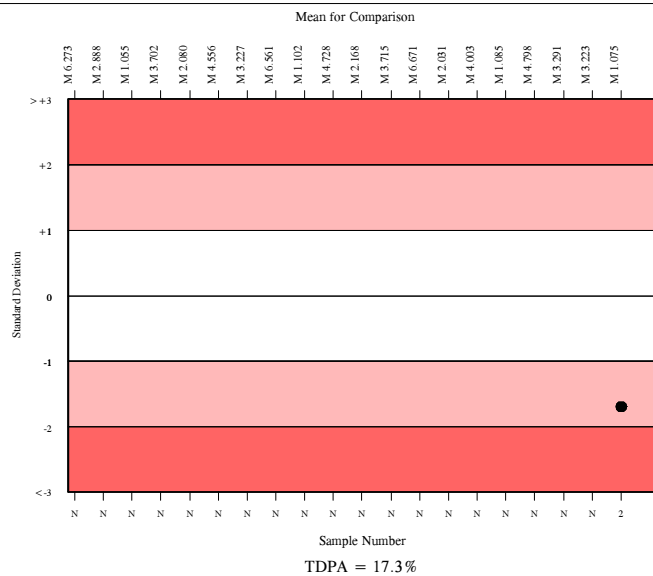
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	231	1.083	11.6	0.01	0.11	20
Siemens/DPC Immulite 2000/2500	52	1.075	9.8	0.02	0.11	3

▲ Your Result	0.883	SDI	-1.70
		RMSDI	Too Few
■ Mean for Comparison	1.075	TS	49
		RMTS	Too Few
		%DEV	-17.8
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	9%
Acceptable limits of performance for RIQAS	17.30%
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	52	1.075	9.8	0.02
Roche Cobas 6000/8000	35	1.157	4.3	0.01
bioMerieux, VIDAS	33	1.136	8.4	0.02
Abbott Architect	26	1.067	3.2	0.01
Siemens/Behring Nephelometer	11	1.100	8.2	0.03
SNIBE Maglumi analysers	9	0.831	1.6	0.01
Siemens/DPC Immulite 1000	10	1.162	13.4	0.06
Diasorin Liaison	7	0.793	14.0	0.05
Beckman AU400/600/640/2700/5400	6	1.067	5.3	0.03
Roche Tinaquant	7	1.293	18.5	0.11
Fujirebio Lumipulse G Series	4	0.835	2.1	0.01
Roche Cobas 4000/c311	4	1.235	9.4	0.07
Roche Modular P	4	1.163	7.8	0.06
Beckman Immage	3	1.100	18.2	0.14
Siemens Dimension	3	1.133	3.3	0.03
TOSOH	3	1.202	15.0	0.13
Siemens Advia 1200/1650/1800/2400	2	0.830	5.1	0.04
DakoCytomation PET kit	2	1.180	2.4	0.02
Immunotech RIA	2	1.263	4.2	0.05

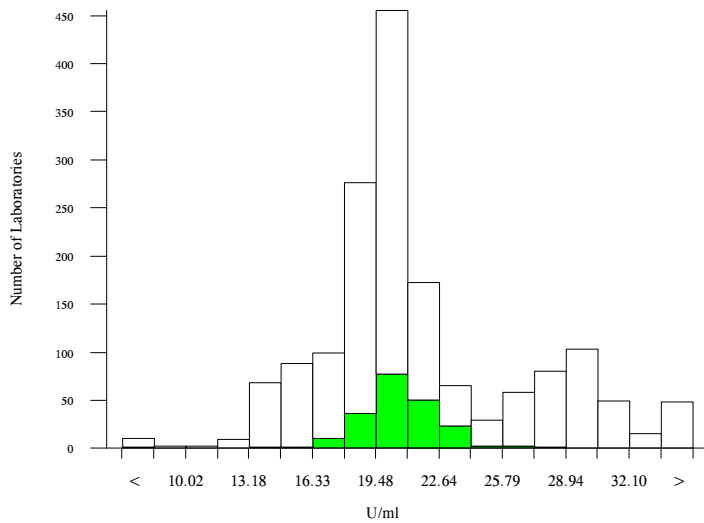


CA 125, U/ml

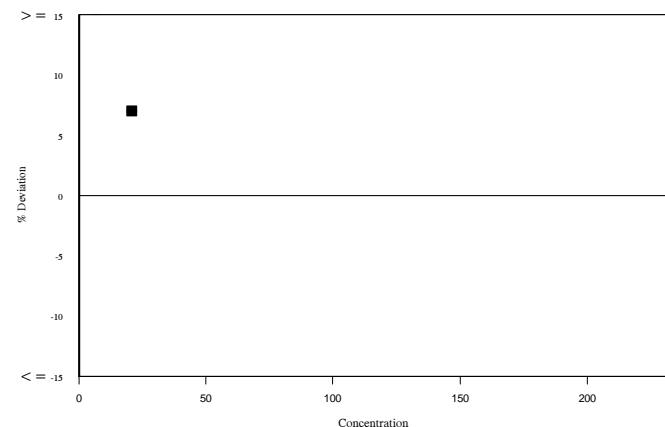
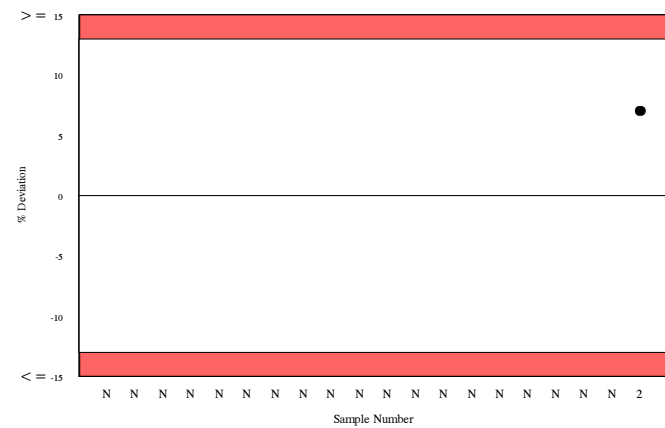
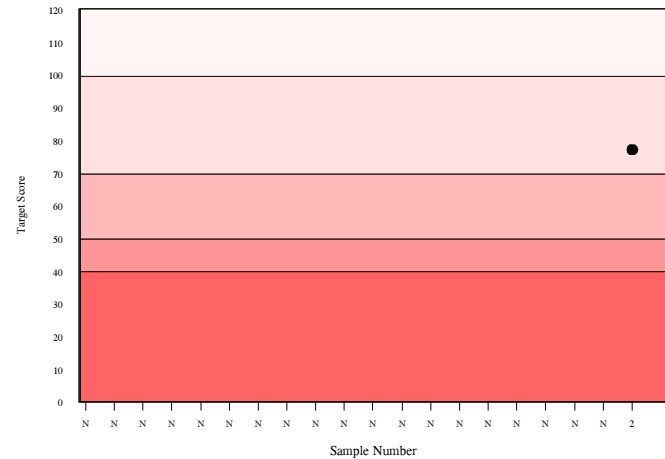
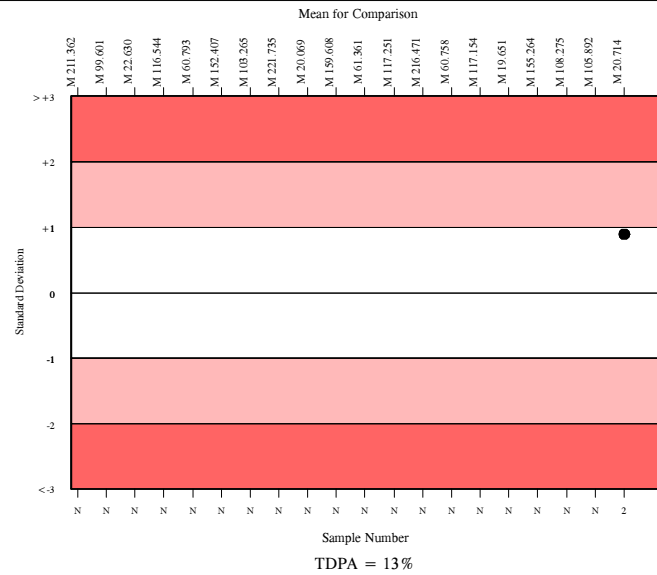
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1526	21.065	20.0	0.13	1.66	102
Roche Cobas 4000/e411	188	20.714	6.7	0.13	1.64	16

▲ Your Result	22.170	SDI	0.89
		RMSDI	Too Few
■ Mean for Comparison	20.714	TS	77
		RMTS	Too Few
		%DEV	7.0
		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	329	19.965	4.2	0.06
Abbott Architect	288	29.181	6.4	0.14
Roche Cobas 4000/e411	188	20.714	6.7	0.13
Beckman DxI 600 / 800	137	15.189	7.7	0.12
Centaur XP/XPT/Classic, CA125 II Kit	111	20.119	6.1	0.15
bioMerieux, VIDAS	80	20.271	5.4	0.15
Roche Elecsys	51	20.262	6.4	0.23
Siemens Centaur XP/XPT/Classic OV Kit	42	19.917	7.2	0.28
Siemens/DPC Immulite 2000/2500	35	17.437	6.4	0.24
Ortho Vitros 3600/5600/ECi	35	19.003	5.1	0.20
Beckman Access/LXi725	31	15.522	8.3	0.29
Diasorin Liaison	30	25.415	10.2	0.59
TOSOH	27	40.127	7.9	0.77
Siemens Centaur CP CA125 II Kit	21	21.612	11.6	0.68
Roche Modular E170	22	20.117	3.6	0.20
Siemens/DPC Immulite 1000	18	19.253	5.9	0.33
SNIBE Maglumi analysers	16	23.350	11.2	0.82
Fujirebio Lumipulse G Series	13	18.415	6.5	0.41
CIS, IRMA	8	17.521	3.6	0.28
Siemens Dimension	4	44.650	1.8	0.51
ELISA	2	14.991	11.2	1.49

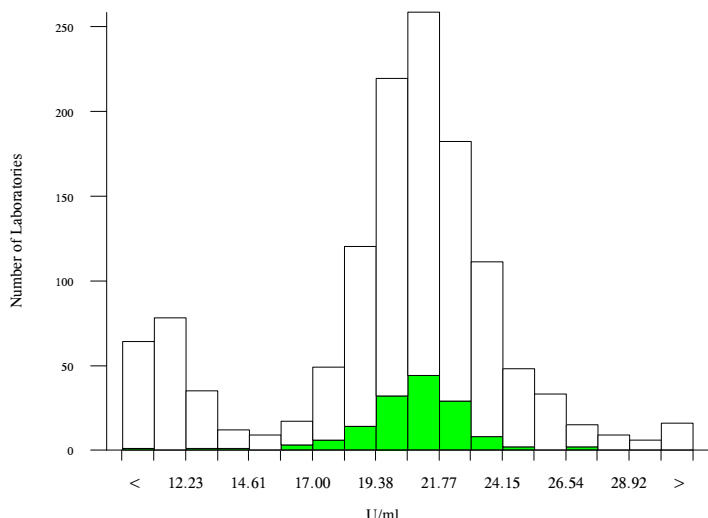


CA 15-3, U/ml

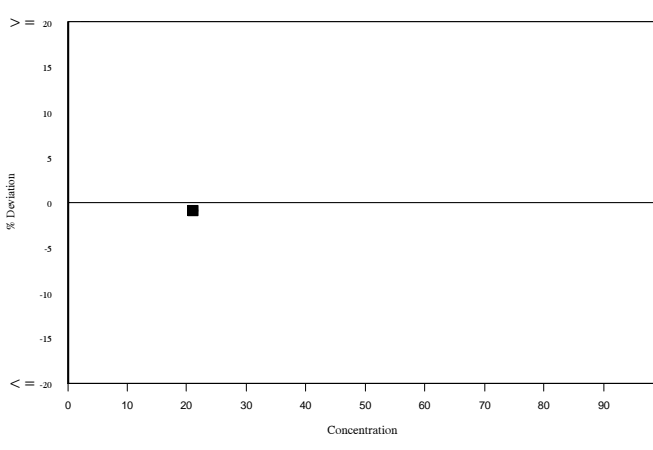
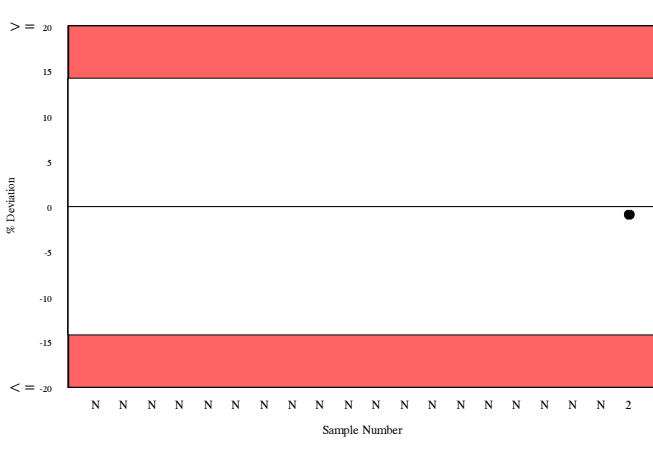
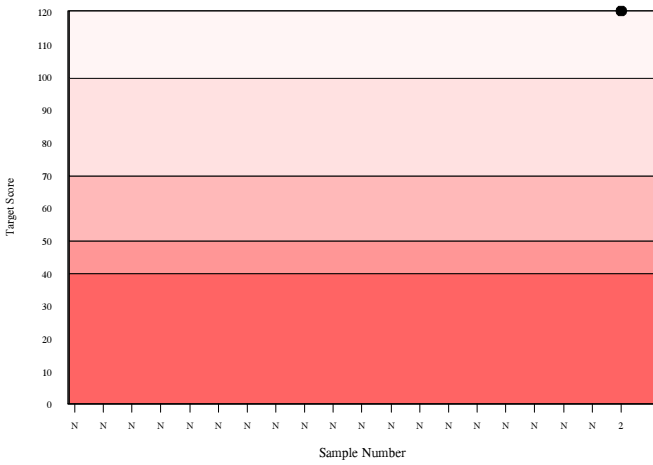
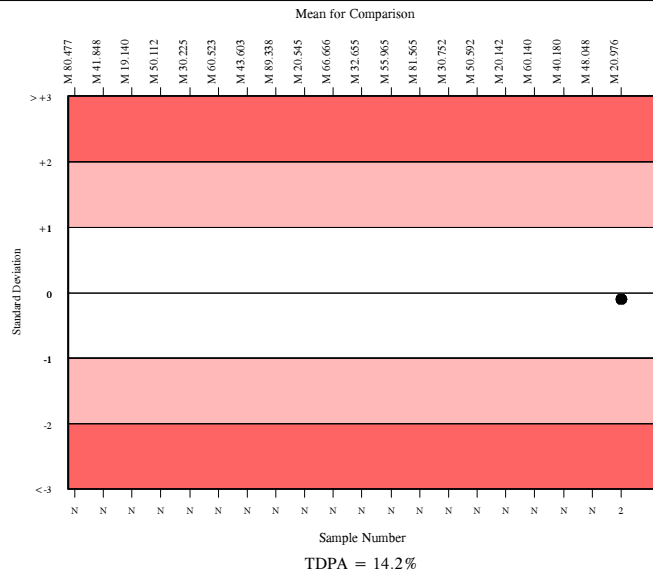
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1154	20.580	15.4	0.12	1.78	130
Roche Cobas 4000/e411	129	20.976	6.3	0.15	1.81	14

▲ Your Result	20.790	SDI	-0.10
		RMSDI	Too Few
■ Mean for Comparison	20.976	TS	120
		RMTS	Too Few
		%DEV	-0.9
		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	267	21.160	5.6	0.09
Abbott Architect	231	22.765	7.3	0.14
Siemens Centaur XP/XPT/Classic	133	19.655	7.4	0.16
Roche Cobas 4000/e411	129	20.976	6.3	0.15
Beckman DxI 600 / 800	120	11.438	7.4	0.10
BioMerieux VIDAS	48	19.890	4.8	0.17
Roche Elecsys	35	20.506	4.4	0.19
Siemens/DPC Immulite 2000/2500	31	24.452	10.0	0.55
Diasorin Liaison	27	19.463	10.5	0.49
Beckman Access/LXi725	26	11.452	6.1	0.17
TOSOH	19	20.309	8.7	0.51
Roche Modular E170	18	21.239	4.8	0.30
Ortho Vitros 3600/5600/ECi	15	18.969	3.5	0.22
SNIBE Maglumi analysers	11	26.584	2.2	0.22
Siemens/DPC Immulite 1000	13	30.698	17.8	1.90
Fujirebio Lumipulse G Series	11	24.838	6.7	0.63
CIS, IRMA	10	12.301	7.0	0.34
Siemens Centaur CP	8	19.688	20.4	1.78
Siemens Dimension	5	19.260	6.9	0.74
Brahms Kryptor	2	21.815	1.2	0.23
ELISA	1	11.800	0.0	0.00



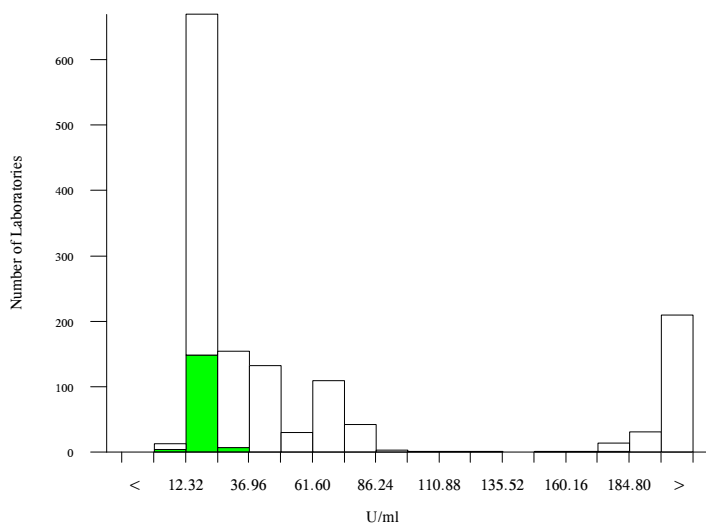
CA 19-9, U/ml

- All Methods
- Roche Cobas 4000/e411

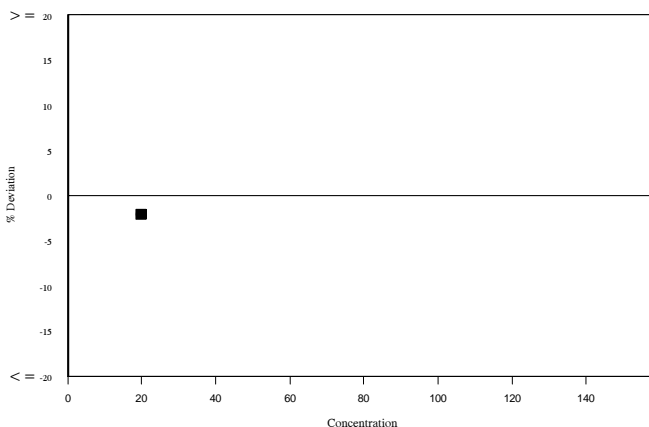
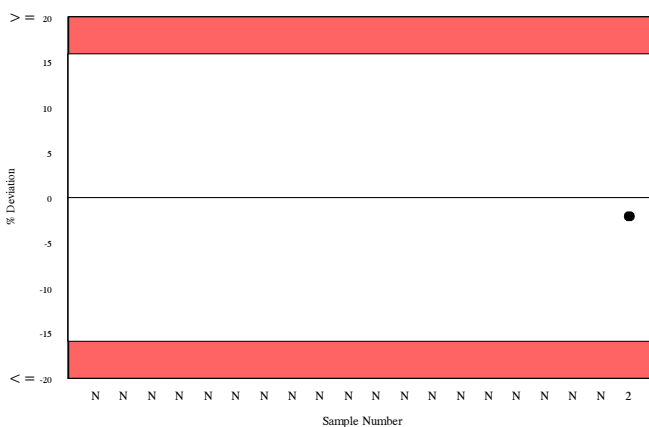
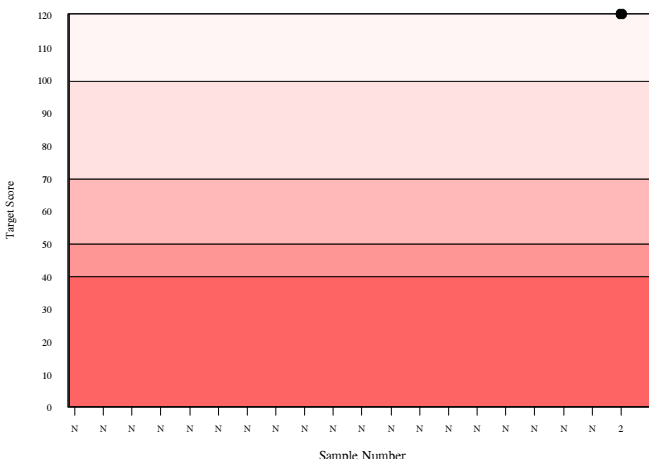
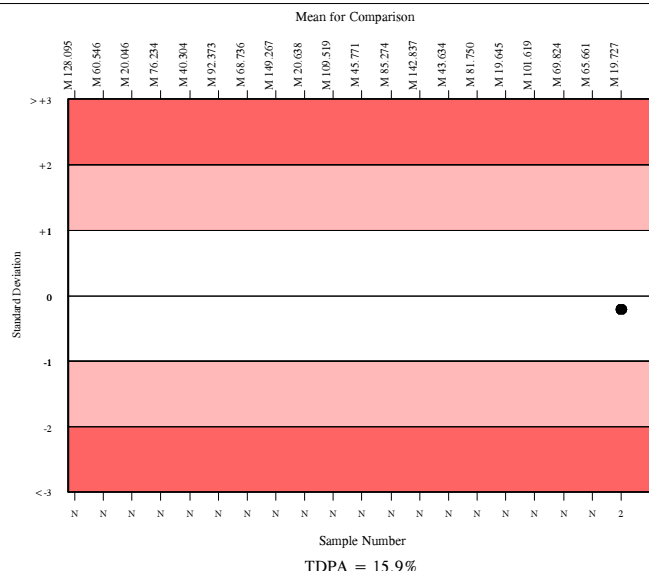
N	Mean	CV%	U _m	SDPA	Exc.
1266	45.712	110.4	1.77	4.76a	144
143	19.727	8.6	0.18	1.91	17

▲ Your Result	19.320	SDI	-0.21
		RMSDI	Too Few
■ Mean for Comparison	19.727	TS	120
		RMTS	Too Few
		%DEV	-2.1
		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	299	18.340	6.6	0.09
Abbott Architect	156	211.860	7.6	1.61
Roche Cobas 4000/e411	143	19.727	8.6	0.18
Siemens Centaur XP/XPT/Classic	144	68.810	8.4	0.60
Beckman DxI 600 / 800	130	25.110	6.6	0.18
Abbott Architect XR/ XR2 kit	82	212.553	6.8	1.99
bioMerieux, VIDAS	73	41.843	4.4	0.27
Roche Elecsys	42	19.669	8.8	0.33
Siemens/DPC Immulite 2000/2500	37	23.108	8.7	0.41
TOSOH	21	15.346	5.9	0.25
Diasorin Liaison	22	42.904	10.6	1.21
Beckman Access/LXi725	22	27.368	10.5	0.76
Ortho Vitros 3600/5600/ECi	23	47.499	3.8	0.47
Roche Modular E170	18	18.934	5.2	0.29
Siemens Centaur CP	17	74.505	7.4	1.68
SNIBE Maglumi analysers	17	21.748	5.5	0.36
CIS, IRMA	15	27.177	7.7	0.68
Fujirebio Lumipulse G Series	12	37.425	6.2	0.83
Siemens/DPC Immulite 1000	9	25.211	14.2	1.49
Siemens Dimension	5	37.400	1.5	0.31
Brahms Kryptor	2	23.650	14.1	2.94



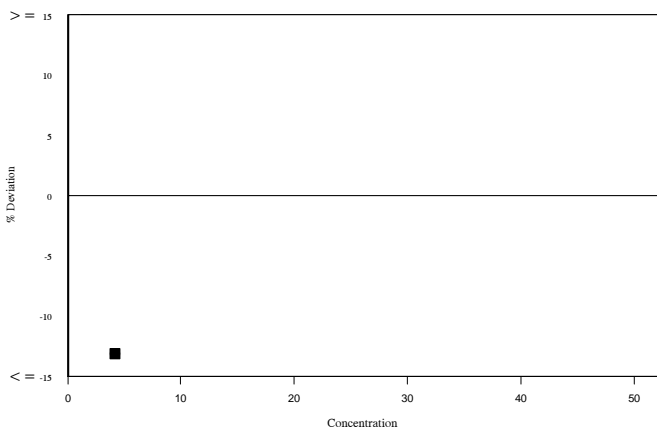
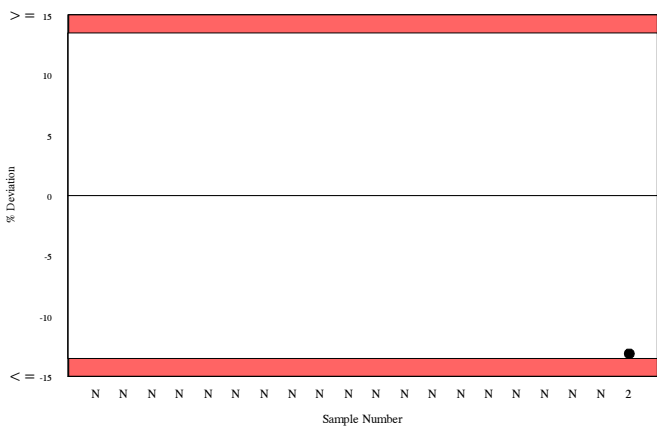
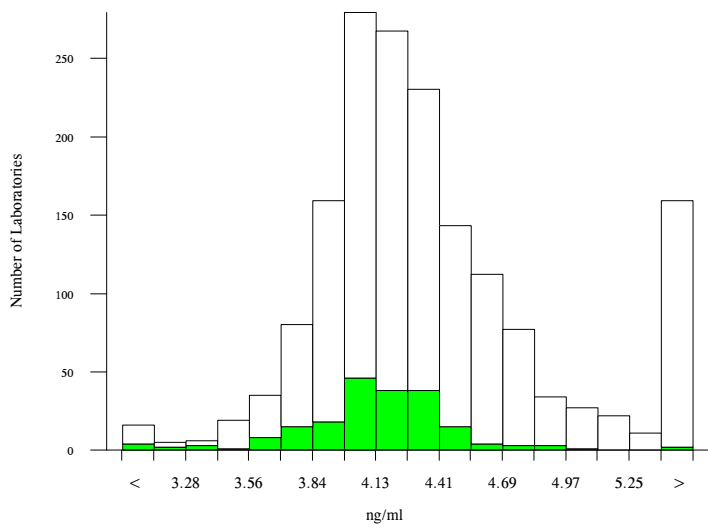
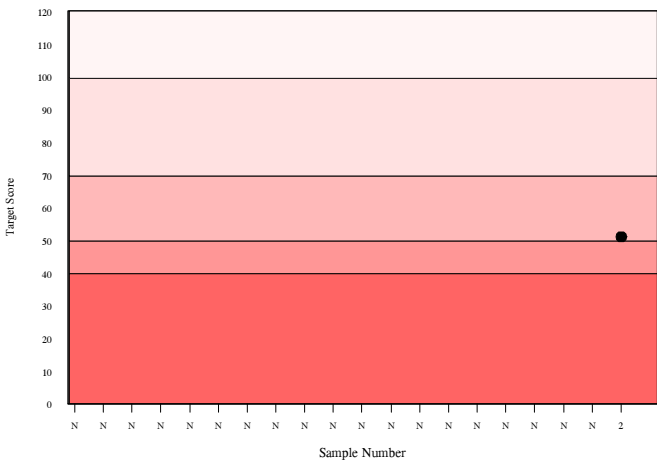
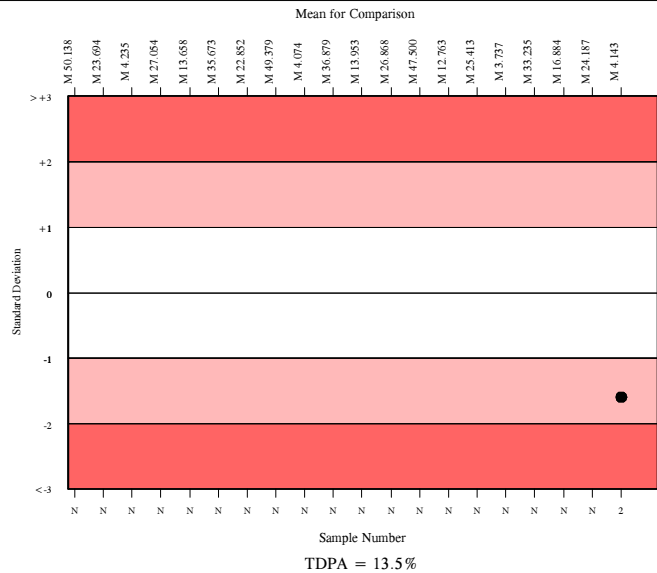
RIQAS

CEA, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1525	4.271	8.8	0.01	0.35	156
Roche Cobas 4000/e411	185	4.143	5.8	0.02	0.34	16

▲ Your Result	3.600	SDI	-1.60
		RMSDI	Too Few
■ Mean for Comparison	4.143	TS	51
		RMTS	Too Few
		%DEV	-13.1
		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	339	4.097	4.1	0.01
Abbott Architect	300	4.454	5.6	0.02
Roche Cobas 4000/e411	185	4.143	5.8	0.02
Siemens Centaur XP/XPT/Classic	156	4.378	7.7	0.03
Beckman DxI 600 / 800	147	4.220	6.2	0.03
bioMerieux, VIDAS	65	3.957	4.6	0.03
Siemens/DPC Immulite 2000/2500	46	5.517	7.0	0.07
Roche Elecsys	43	4.195	5.2	0.04
Beckman Access/LXi725	31	4.264	4.7	0.04
Tosoh	29	6.233	4.5	0.07
Diasorin Liaison	30	4.321	10.2	0.10
Ortho Vitros 3600/5600/ECi	31	6.461	23.9	0.35
Roche Modular E170	21	3.968	2.3	0.02
Siemens Centaur CP	17	4.267	5.9	0.08
Siemens/DPC Immulite 1000	17	5.749	9.2	0.16
CIS, RIA Coated tube	16	4.156	7.6	0.10
SNIBE Maglumi analysers	15	4.746	5.2	0.08
Fujirebio Lumipulse G Series	16	6.182	6.5	0.12
Siemens Dimension	7	4.216	4.8	0.10
Abbott AxSYM	2	4.610	5.8	0.24



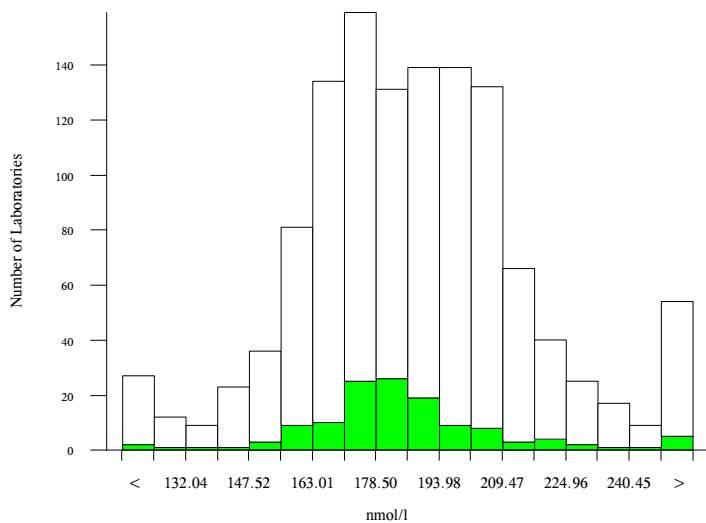
RIQAS

Cortisol, nmol/l

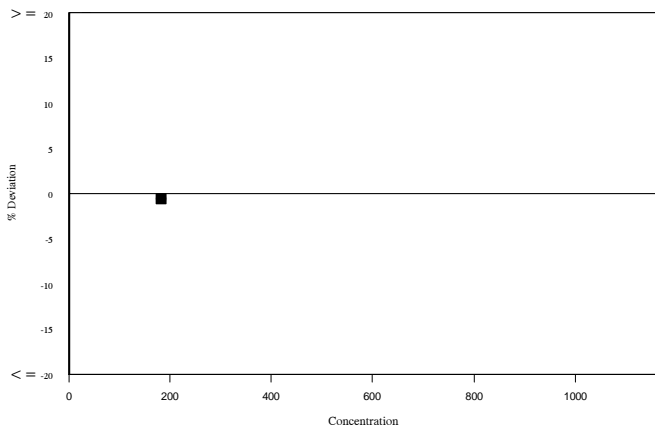
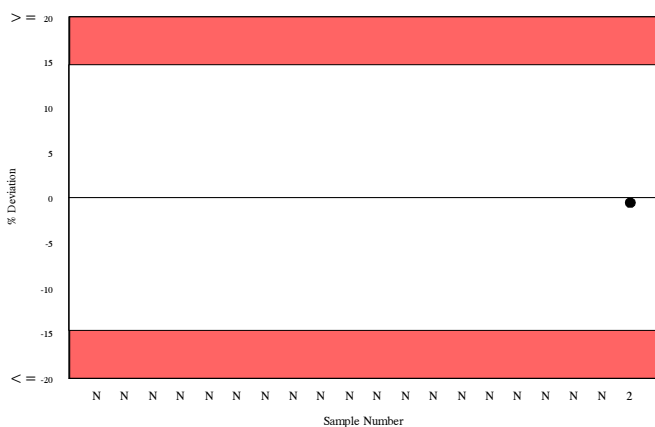
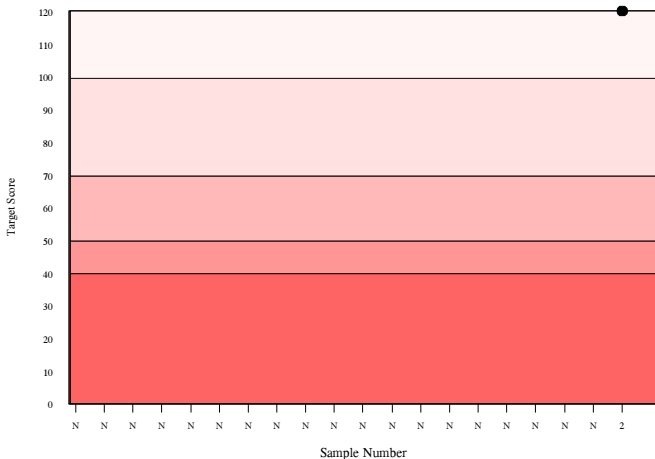
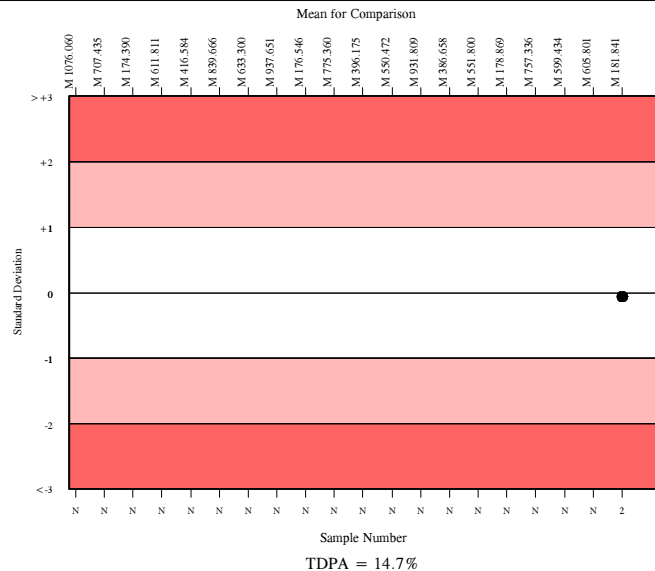
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1128	186.246	11.1	0.77	16.64	105
Roche Cobas 4000/e411	113	181.841	7.8	1.68	16.25	17

▲ Your Result	180.800	SDI	-0.06
		RMSDI	Too Few
■ Mean for Comparison	181.841	TS	120
		RMTS	Too Few
		%DEV	-0.6
		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	212	197.937	5.6	0.94
Roche Cobas 6000/8000	162	170.763	6.2	1.05
Siemens Centaur XP/XPT/Classic	126	199.702	8.2	1.83
Roche Cobas 4000/e411	113	181.841	7.8	1.68
Beckman DxI 600 / 800	102	200.103	7.3	1.81
Roche Cobas 6000/8000 Gen II	102	166.927	4.3	0.89
Siemens/DPC Immulite 2000/2500	57	201.175	10.5	3.50
Roche Elecsys	33	177.462	6.0	2.33
Beckman Access/LXi725	28	200.768	5.9	2.78
Roche Cobas 4000/e411 Gen II	27	179.302	4.8	2.06
bioMerieux, VIDAS	25	127.201	10.1	3.21
Siemens/DPC Immulite 1000	20	212.161	9.2	5.46
Ortho Vitros 3600/5600/ECi	21	146.625	5.8	2.32
Tosoh	17	177.264	4.2	2.24
Diasorin Liaison	15	262.297	14.3	12.14
SNIBE Maglumi analysers	15	270.893	3.9	3.42
Roche Modular E170	13	164.669	5.9	3.37
CIS, RIA	13	152.488	9.8	5.20
Roche Modular E170 Gen II	9	165.797	3.2	2.21
Siemens Centaur CP	7	211.892	5.6	5.64
Roche Elecsys Gen II	2	179.330	16.5	26.09



C-Peptide, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	293	1.841	16.0	0.02	0.34	29
Roche Cobas 4000/e411	34	2.035	6.8	0.03	0.37	5

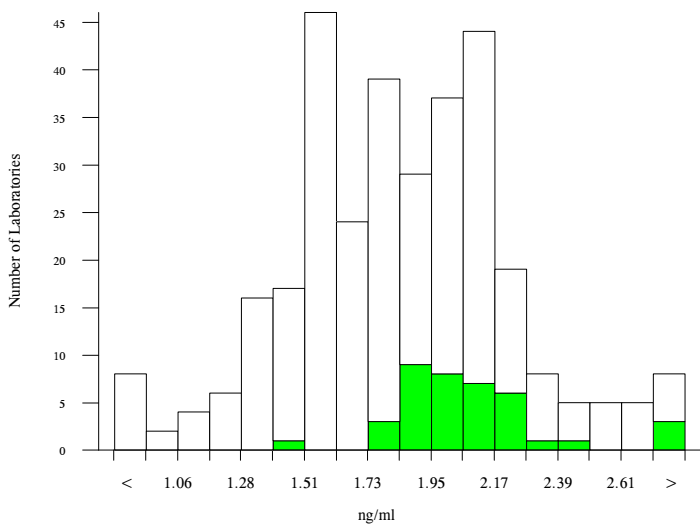
▲ Your Result	4.530	SDI	6.70
		RMSDI	Too Few
■ Mean for Comparison	2.035	TS	10
		RMTS	Too Few
		%DEV	122.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation 20.8%

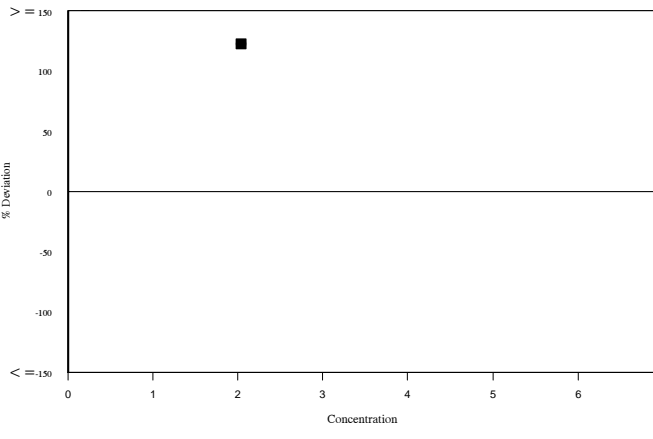
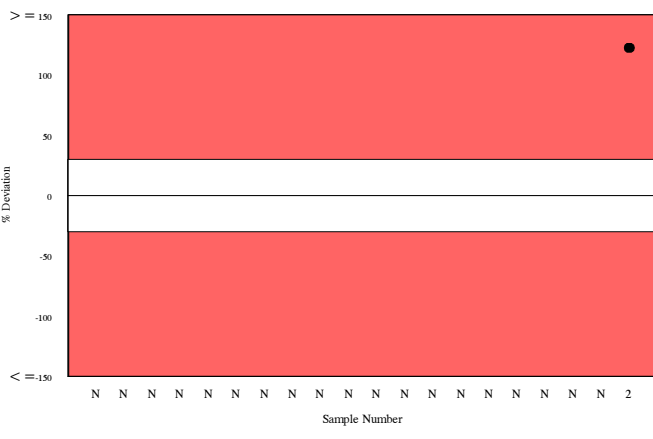
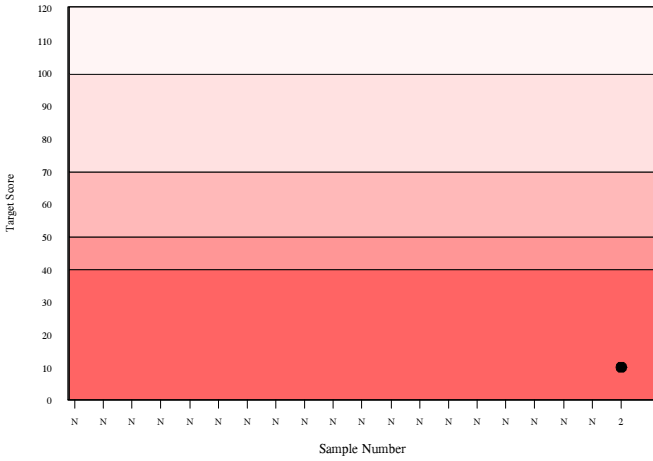
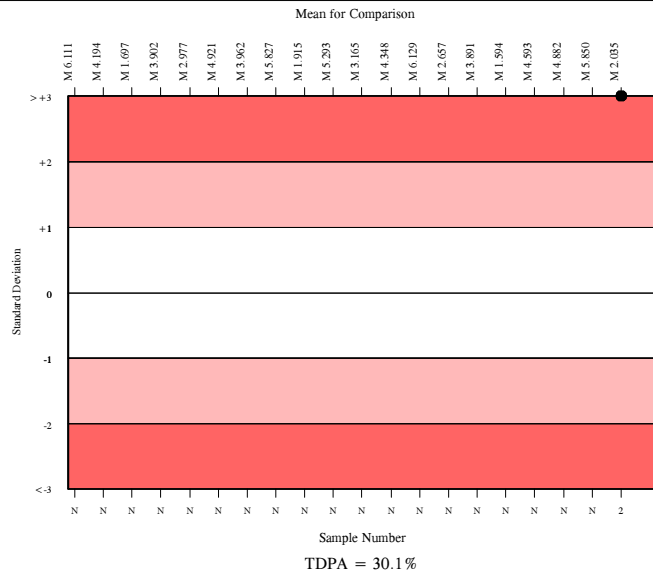
Acceptable limits of performance for RIQAS 30.10%

SDI in bottom 5% of peer group

TS & %DEV outside limits



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	62	2.072	5.6	0.02
Siemens/DPC Immulite 2000/2500	47	1.563	7.1	0.02
Abbott Architect	43	1.797	6.2	0.02
Roche Cobas 4000/e411	34	2.035	6.8	0.03
Siemens Centaur XP/XPT/Classic	26	1.367	13.7	0.05
TOSOH	18	1.708	4.9	0.02
SNIBE Maglumi analysers	12	2.513	5.3	0.05
Roche Elecsys	8	2.138	4.0	0.04
Diasorin Liaison	10	2.117	11.0	0.09
Roche Modular E170	8	2.030	8.8	0.08
Siemens/DPC Immulite 1000	6	1.532	3.7	0.03
DIAsource, RIA	2	1.395	9.6	0.12
Fujirebio Lumipulse G Series	3	1.647	7.3	0.09
Siemens Centaur CP	2	1.696	13.7	0.21
ELISA	2	1.365	26.4	0.32

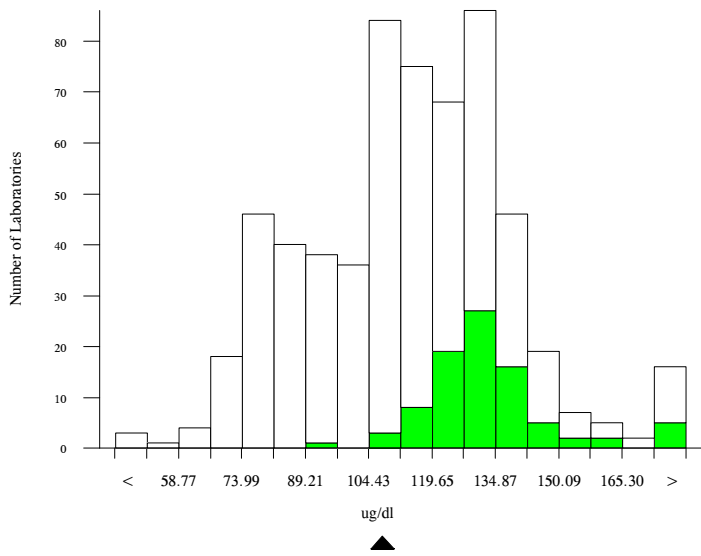


DHEA-S, ug/dl

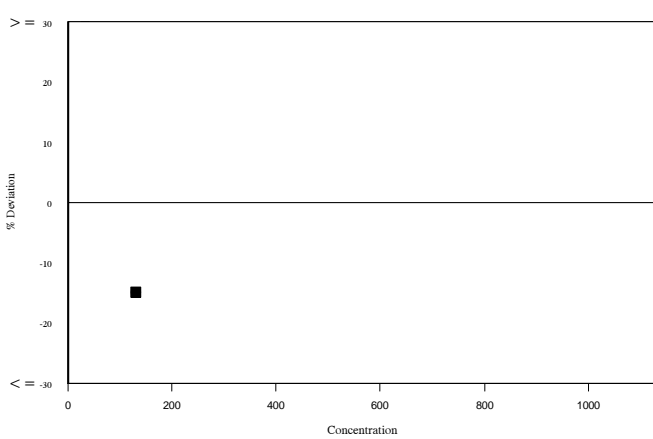
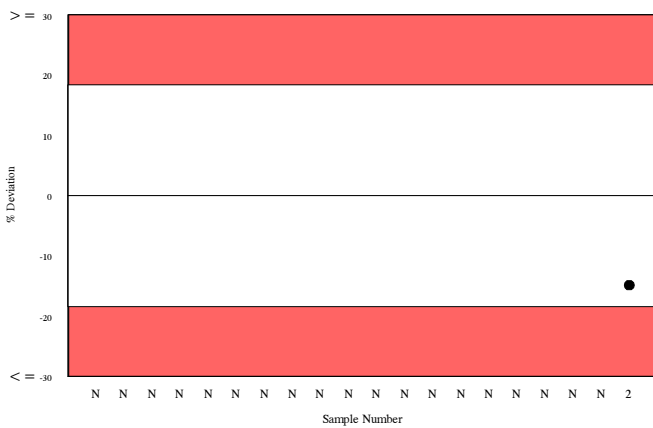
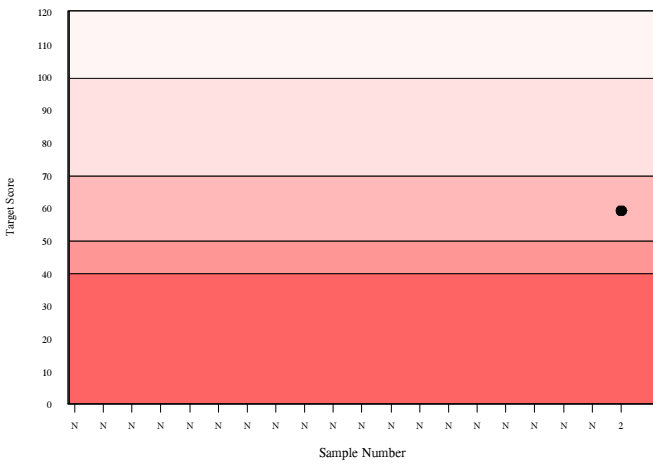
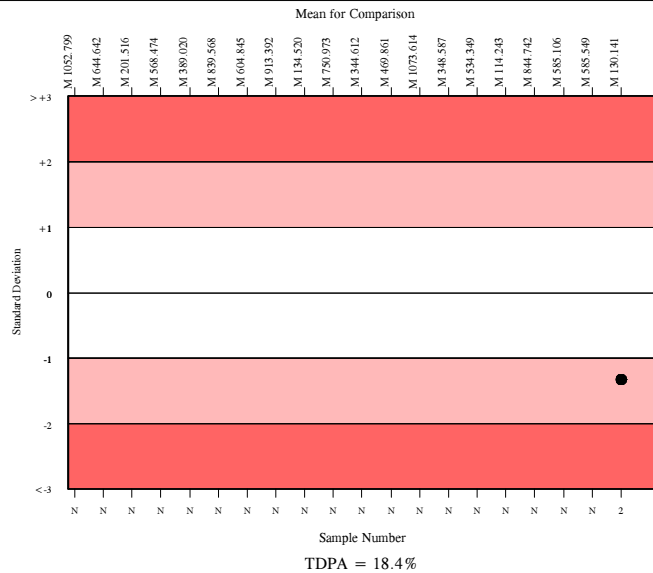
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	560	112.044	18.1	1.07	12.53	34
Roche Cobas 4000/e411	80	130.141	7.3	1.33	14.56	8

▲ Your Result	110.800	SDI	-1.33
		RMSDI	Too Few
■ Mean for Comparison	130.141	TS	59
		RMTS	Too Few
		%DEV	-14.9
		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	121	129.509	6.4	0.94
Abbott Architect	91	110.380	4.5	0.65
Roche Cobas 4000/e411	80	130.141	7.3	1.33
Siemens/DPC Immulite 2000/2500	64	83.032	9.1	1.17
Beckman Dxi 600 / 800	38	105.887	8.0	1.72
Siemens Centaur XP/XPT/Classic	27	84.892	7.4	1.50
Roche Elecsys	21	129.678	9.6	3.40
Siemens/DPC Immulite 1000	20	82.213	8.6	1.97
TOSOH	15	122.163	4.5	1.78
Diasorin Liaison	12	85.751	17.9	5.54
SNIBE Maglumi analysers	11	105.084	1.1	0.42
Roche Modular E170	12	132.029	5.9	2.81
Beckman Access/LXi725	10	108.840	10.5	4.52
Immunotech RIA	6	90.653	20.9	9.65
ELISA	4	106.016	34.4	22.77
Siemens Centaur CP	3	76.460	10.8	5.97



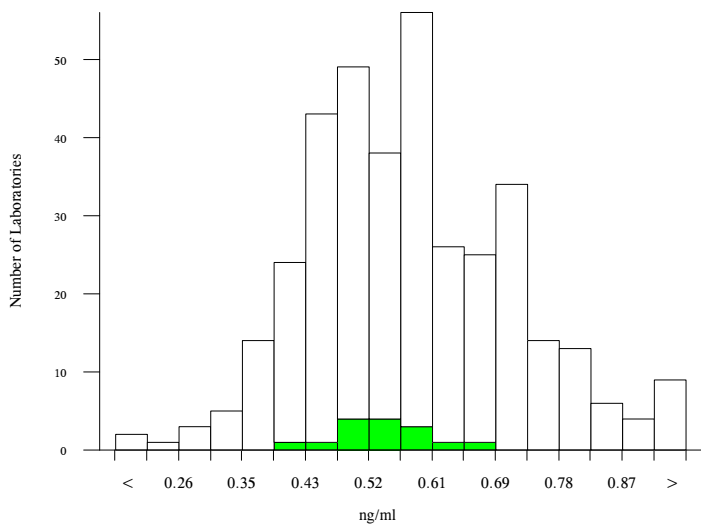
RIQAS

Digoxin, ng/ml

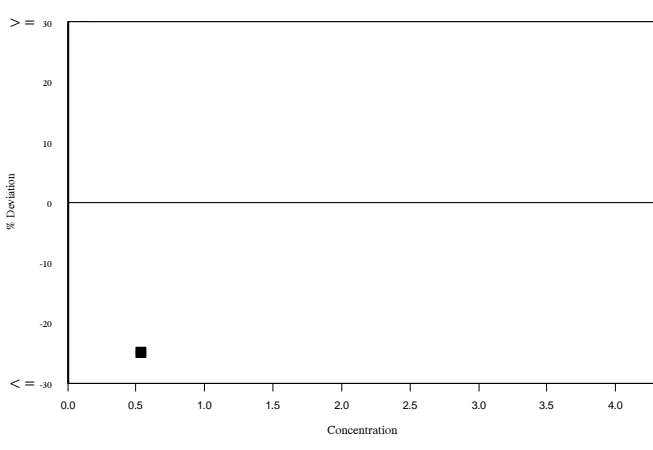
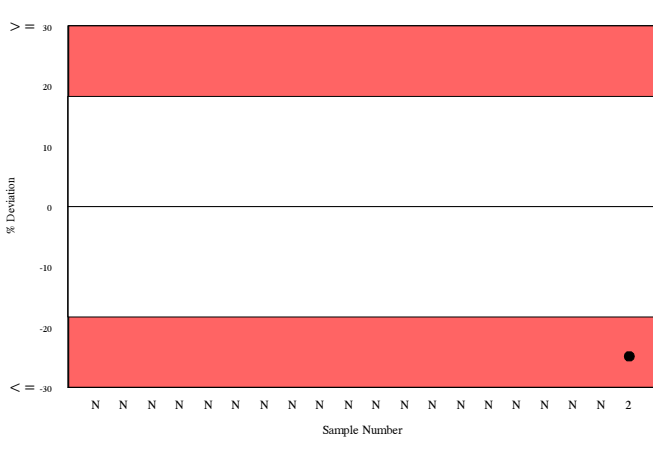
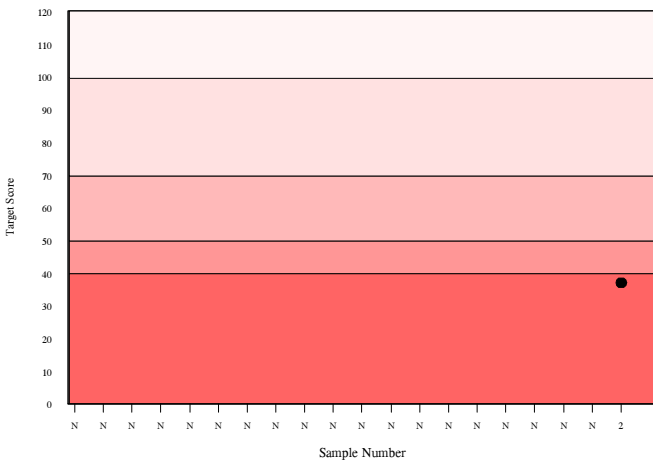
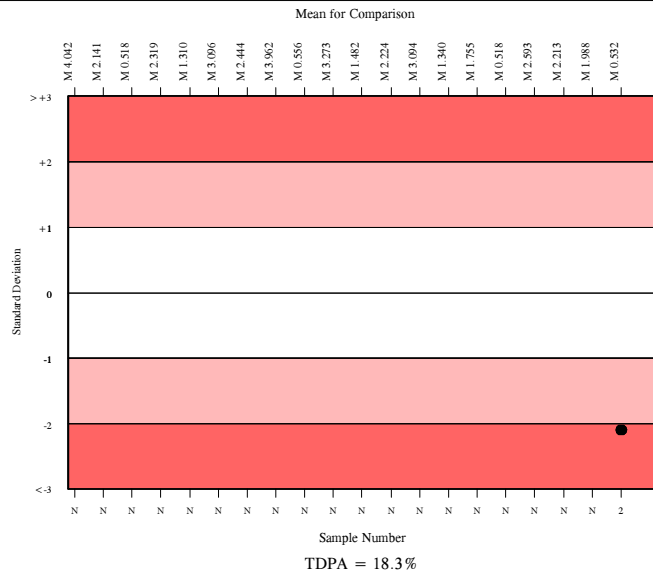
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	342	0.569	20.2	0.01	0.06	29
bioMerieux, VIDAS	15	0.532	12.7	0.02	0.06a	0

▲ Your Result	0.400	SDI	-2.10
		RMSDI	Too Few
■ Mean for Comparison	0.532	TS	37
		RMTS	Too Few
		%DEV	-24.9
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	18.30%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Abbott Architect (CMIA)	85	0.454	10.9	0.01
Roche Cobas E601/602	35	0.641	8.9	0.01
Siemens Centaur XP/XPT/Classic	25	0.777	8.2	0.02
Roche Cobas C501/502/701	25	0.563	17.3	0.02
Abbott Architect (PETINIA)	18	0.542	21.0	0.03
Siemens Dimension	16	0.553	10.2	0.02
bioMerieux, VIDAS	15	0.532	12.7	0.02
Beckman Dxi 600 / 800	14	0.566	10.2	0.02
Beckman AU400/600/640/2700/5400	13	0.719	18.3	0.05
Roche Cobas 4000/e411	11	0.716	3.8	0.01
Roche Integra	11	0.644	14.4	0.04
Siemens/DPC Immulite 2000/2500	5	0.565	11.5	0.04
SNIBE Maglumi analysers	7	0.579	1.1	0.00
Vitros	8	0.619	8.7	0.02
Beckman DxC	6	0.505	6.1	0.02
Roche Elecsys	8	0.641	17.0	0.05
Roche Cobas 4000/c311	8	0.708	25.9	0.08
Siemens ADVIA 1200/1650/1800/2400	6	0.588	27.9	0.08
Siemens/DPC Immulite 1000	3	0.595	11.3	0.05
Roche Modular E170	3	0.604	14.9	0.07
Beckman Access/LXi725	3	0.642	9.6	0.04

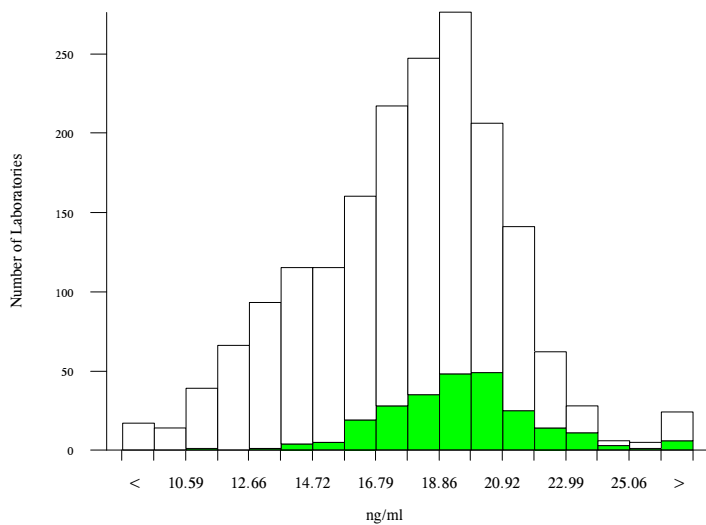


Ferritin, ng/ml

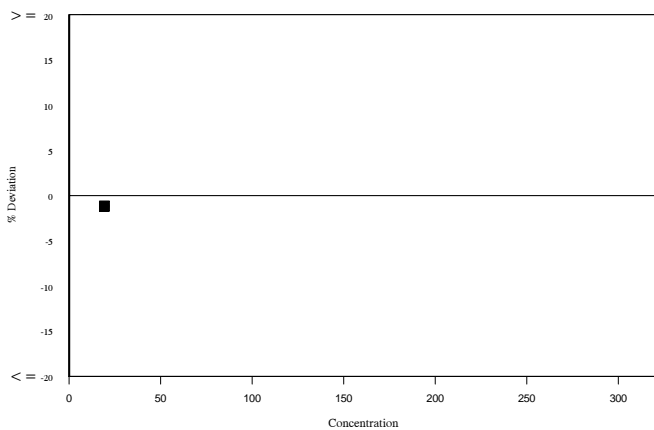
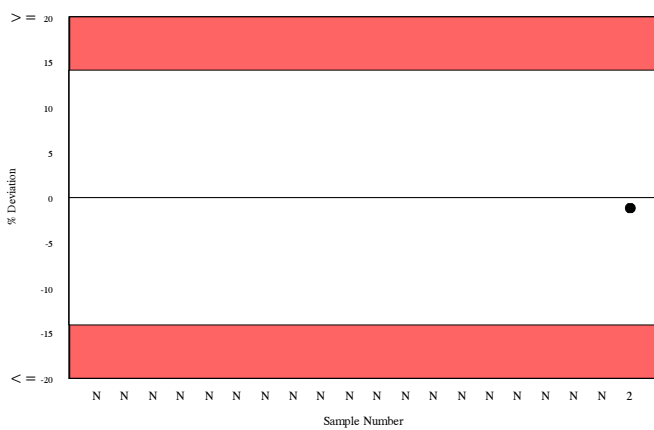
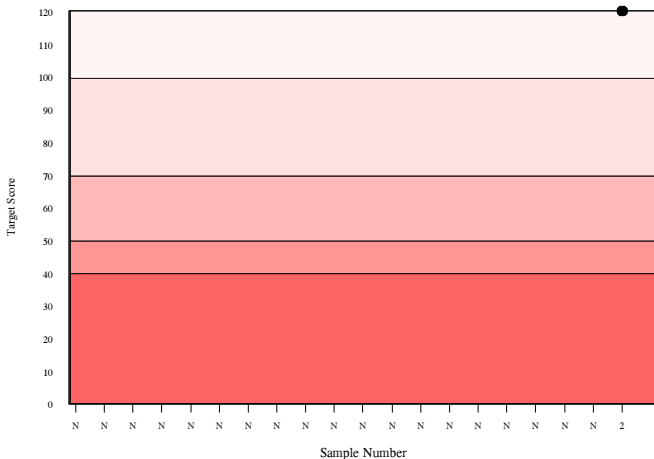
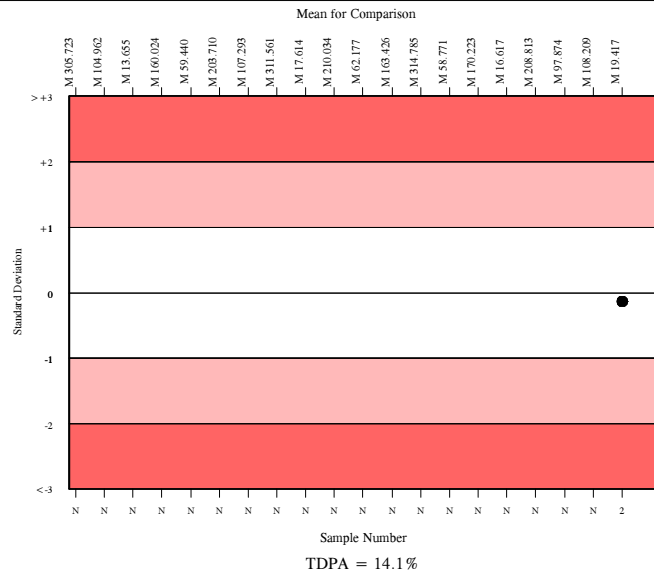
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1735	17.829	15.5	0.08	1.53	96
Roche Elecsys / Cobas e411	232	19.417	9.8	0.16	1.66	18

▲ Your Result	19.190	SDI	-0.14
		RMSDI	Too Few
■ Mean for Comparison	19.417	TS	120
		RMTS	Too Few
		%DEV	-1.2
		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	361	19.810	7.7	0.10
Abbott Architect Chemiluminescence	285	18.877	7.9	0.11
Roche Elecsys / Cobas e411	232	19.417	9.8	0.16
Siemens Centaur XP/XPT/Classic	197	17.346	7.6	0.12
Beckman DxI 600 / 800	158	12.978	9.6	0.12
Beckman Access/LXi725	57	12.984	11.6	0.25
bioMerieux, VIDAS	47	16.376	11.9	0.36
Siemens/DPC Immulite 2000/2500	45	17.183	8.6	0.27
Roche Cobas C501/502/701	45	19.315	9.6	0.35
Ortho Vitros 3600/5600/ECi	43	14.492	6.3	0.17
Diasorin Liaison	36	15.983	9.4	0.31
Tosoh	32	12.484	9.0	0.25
Beckman AU400/600/640/2700/5400	25	16.841	10.8	0.45
Siemens Centaur CP	24	16.013	11.1	0.45
Roche Cobas 4000/c311	21	19.635	8.8	0.47
Siemens Dimension	21	16.680	15.6	0.71
Siemens/DPC Immulite 1000	17	17.319	10.1	0.53
SNIBE Maglumi analysers	13	14.874	4.1	0.21
Roche Integra	10	19.401	12.6	0.96
Fujirebio Lumipulse G Series	9	9.556	6.4	0.25
Abbott Architect Quantia	6	19.265	14.8	1.46

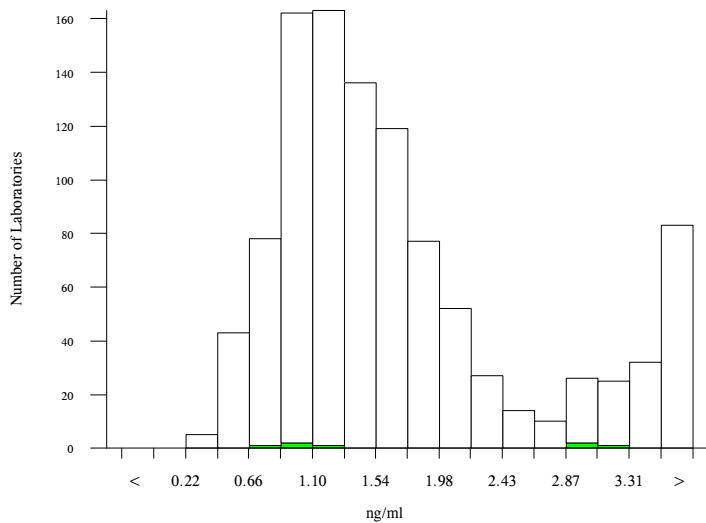
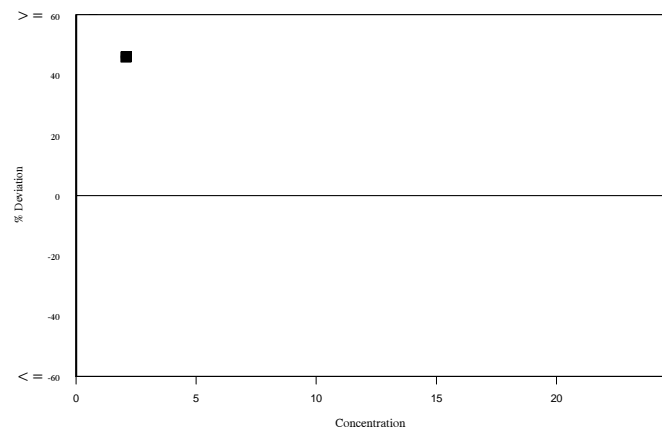
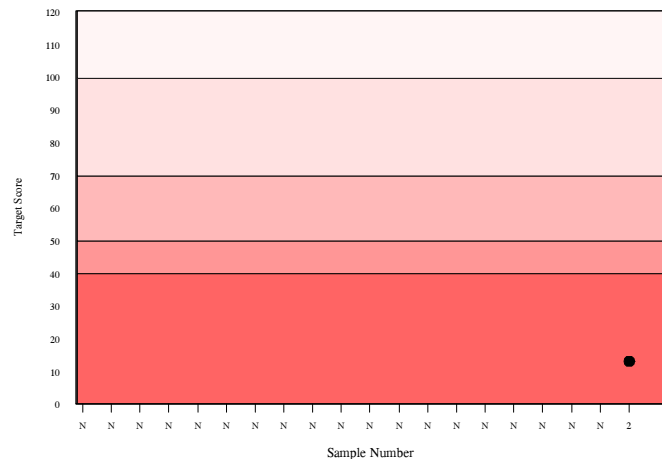
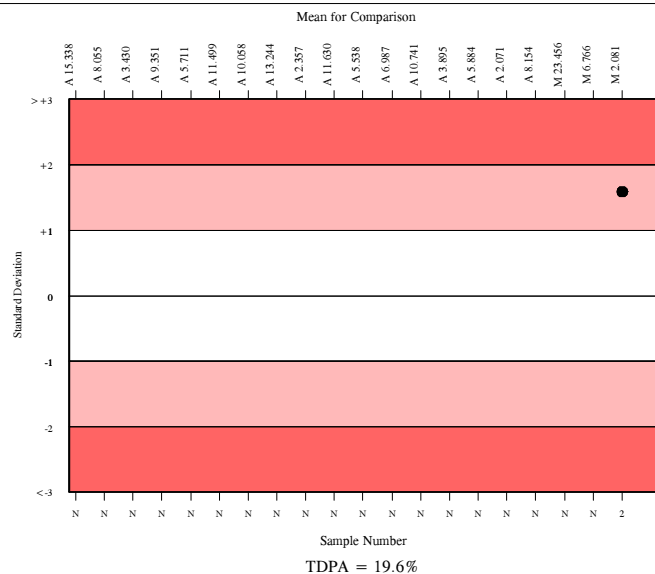


Folate, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	960	1.522	44.2	0.03	0.18	104
Roche Folate III - 04476433	6	2.081	52.0	0.55	0.61a	1

▲ Your Result	3.040	SDI	1.58
		RMSDI	Too Few
■ Mean for Comparison	2.081	TS	13
		RMTS	Too Few
		%DEV	46.1
		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	210	1.665	24.8	0.04
Siemens Centaur XP/XPT/Classic(enhanced)	118	3.498	10.9	0.04
Roche Cobas 6000/8000	104	1.112	24.0	0.03
Roche Cobas 6000/8000 Folate III	101	1.076	22.1	0.03
Beckman DxI 600 / 800 - A98032	76	1.469	14.4	0.03
Roche Cobas 4000/e411	64	1.183	47.6	0.09
Beckman DxI 600 / 800 - A14208	55	1.591	14.9	0.04
Roche Folate III - 07559992	41	1.100	24.7	0.05
Siemens/DPC Immulite 2000	36	1.253	12.5	0.03
Roche cobas 4000/e411 Folate III	33	0.971	21.8	0.05
Beckman Access/LXi725	29	1.563	10.7	0.04
Roche Elecsys	23	1.429	55.7	0.21
Ortho Vitros 3600/5600/ECi	17	1.466	16.5	0.07
SNIBE Maglumi Analyser	11	2.089	16.2	0.13
Roche Modular E170	9	1.126	29.5	0.14
TOSOH	6	2.141	6.0	0.07
Siemens Dimension	6	0.693	20.5	0.07
Roche Folate III - 04476433	6	2.081	52.0	0.55
Roche Modular E170 Folate III	7	1.177	10.6	0.06
Siemens Centaur CP (enhanced kit)	5	4.095	29.8	0.68
MP Biomedicals RIA	5	0.762	24.6	0.10



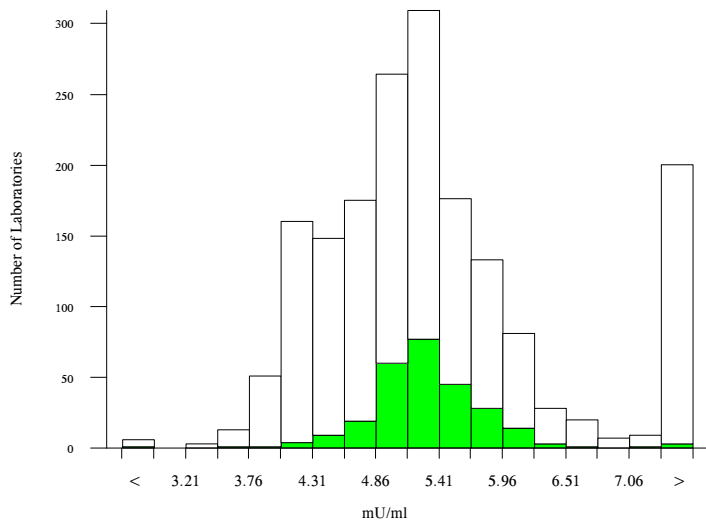
RIQAS

FSH, mU/ml

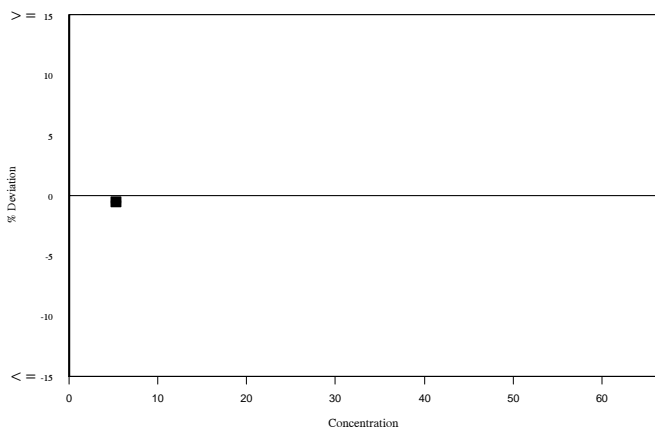
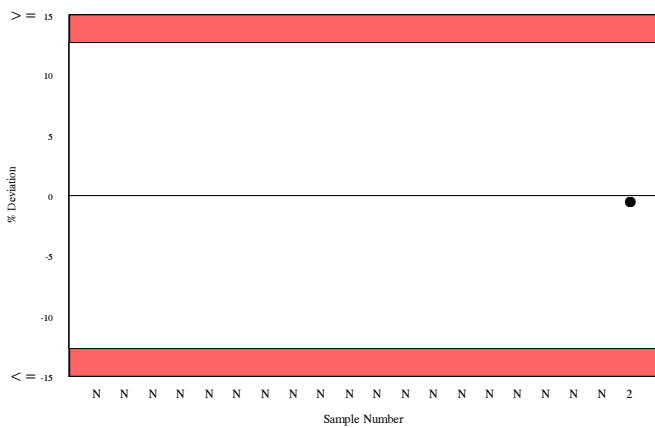
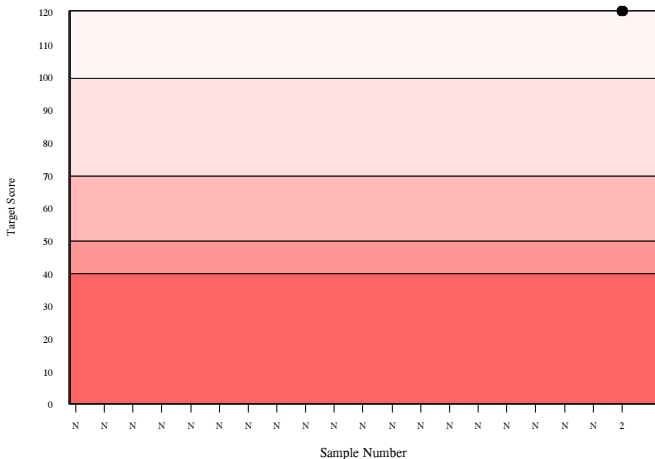
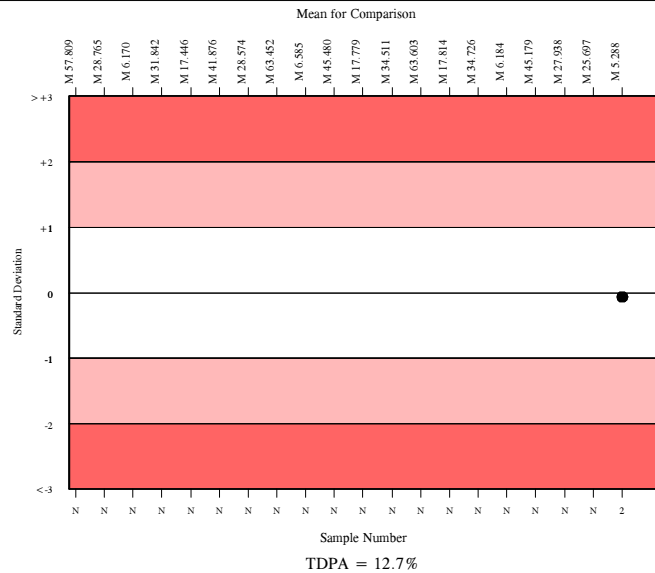
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1608	5.138	14.3	0.02	0.40	175
Roche Cobas 4000/e411	245	5.288	6.6	0.03	0.41	22

▲ Your Result	5.260	SDI	-0.07
		RMSDI	Too Few
■ Mean for Comparison	5.288	TS	120
		RMTS	Too Few
		%DEV	-0.5
		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	343	5.027	6.0	0.02
Abbott Architect	278	4.280	5.0	0.02
Roche Cobas 4000/e411	245	5.288	6.6	0.03
Siemens Centaur XP/XPT/Classic	166	8.453	8.1	0.07
Beckman DxI 600/800	150	5.397	7.0	0.04
bioMerieux, VIDAS	77	5.357	7.1	0.05
Siemens/DPC Immulite 2000/2500	64	5.629	7.1	0.06
Roche Elecsys	52	5.121	6.6	0.06
Beckman Access/LXi725	52	5.369	8.2	0.08
Tosoh	40	5.916	7.3	0.09
Ortho Vitros 3600/5600/ECi	36	4.148	5.8	0.05
Diasorin Liaison	32	6.237	13.5	0.19
Siemens/DPC Immulite 1000	26	5.757	5.4	0.08
Roche Modular E170	25	4.981	5.4	0.07
Siemens Centaur CP	21	6.048	12.9	0.21
SNIBE Maglumi analysers	16	5.764	3.0	0.05
Fujirebio Lumipulse G Series	8	3.876	4.3	0.07
DIAsource, IRMA	4	6.243	4.1	0.16
Siemens Dimension	2	4.270	2.3	0.09
Monobind Inc. ELISA/CLIA	2	5.475	13.6	0.66

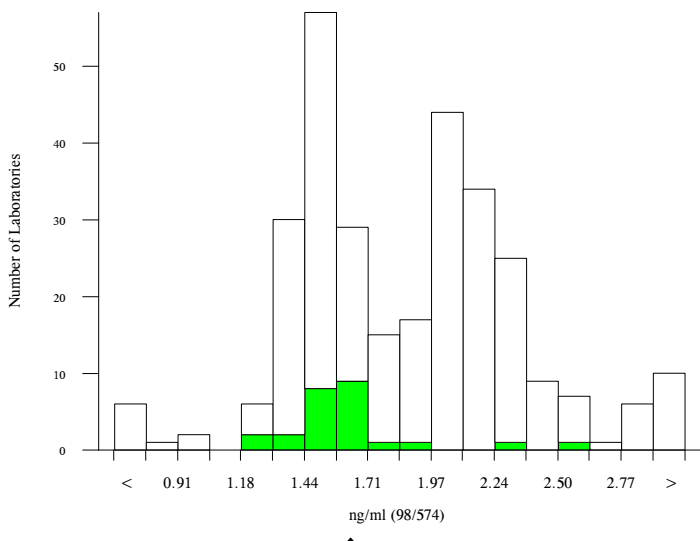


GH, ng/ml (98/574)

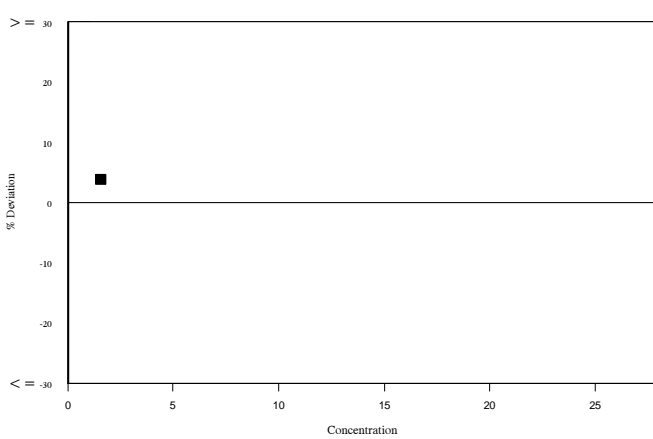
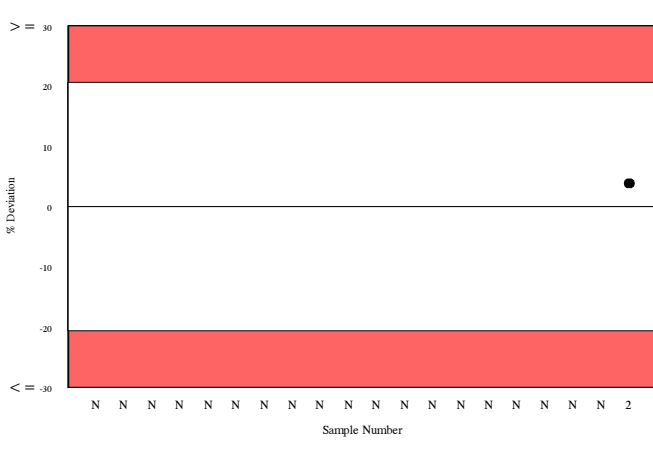
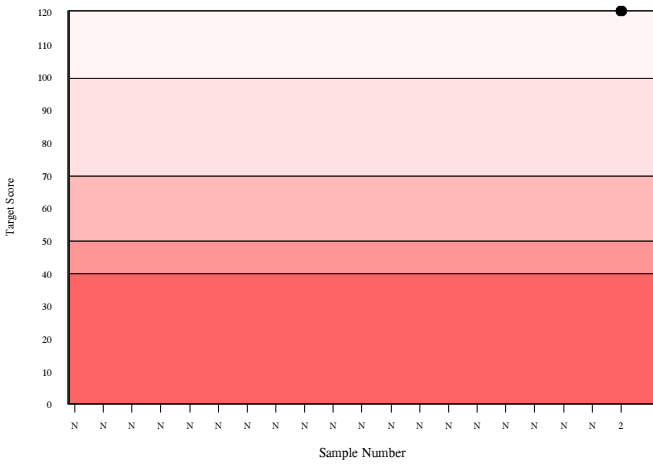
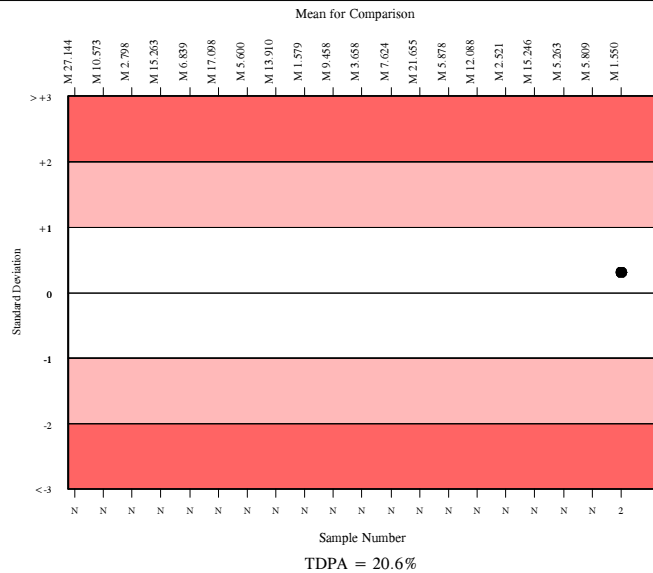
	N	Mean	CV%	U _m	SDPA	Exc.
□ All Methods	273	1.846	19.1	0.03	0.23	26
■ Roche Cobas 4000/e411	21	1.550	8.0	0.03	0.19	4

▲ Your Result	1.610	SDI	0.31
		RMSDI	Too Few
■ Mean for Comparison	1.550	TS	120
		RMTS	Too Few
		%DEV	3.9
		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	98	2.183	7.0	0.02
Roche Cobas 6000/8000	32	1.504	5.2	0.02
Siemens/DPC Immulite 1000	26	1.993	7.5	0.04
Roche Cobas 4000/e411	21	1.550	8.0	0.03
Diasorin Liaison	19	1.533	6.0	0.03
Beckman Dxi 600 / 800	16	1.404	6.1	0.03
Beckman Access/LXi725	13	1.460	8.7	0.04
SNIBE Maglumi analysers	10	2.855	4.8	0.05
Tosoh	10	1.917	6.5	0.05
IDS iSYS	8	1.579	4.1	0.03
CIS, IRMA	3	1.480	7.8	0.08
Roche Elecsys	3	1.517	7.2	0.08
Roche Modular E170	3	1.513	2.3	0.03
ELISA	1	2.240	0.0	0.00



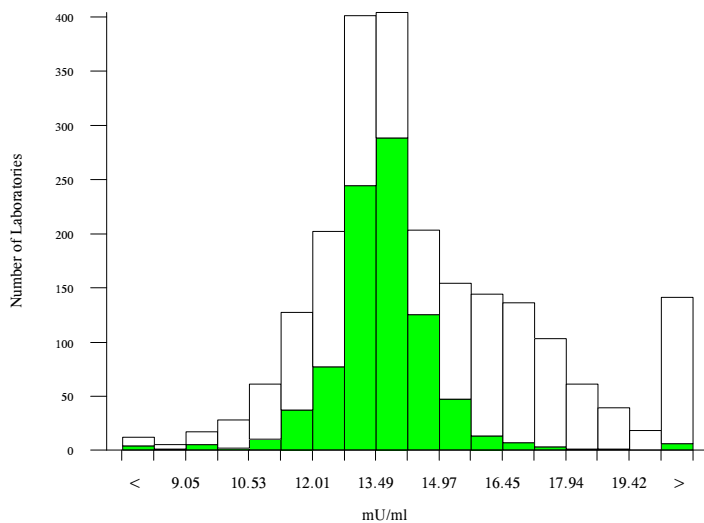
hCG, mU/ml

- All Methods
- Roche hCG + Beta

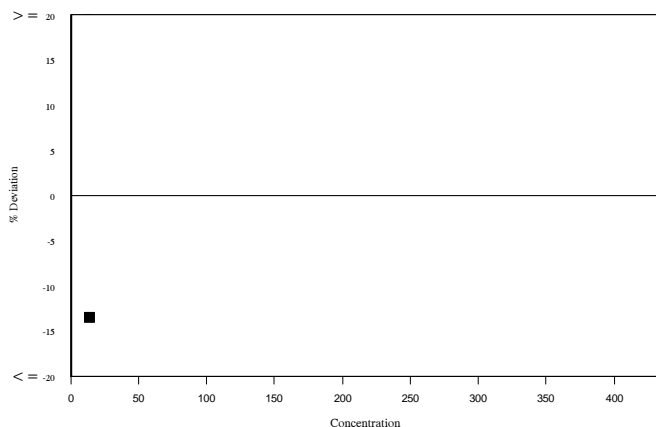
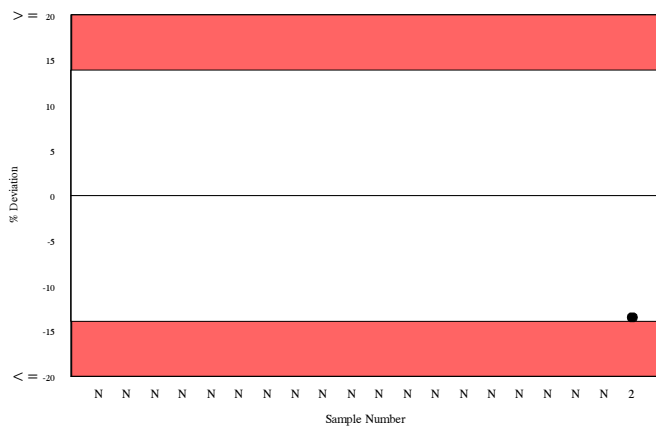
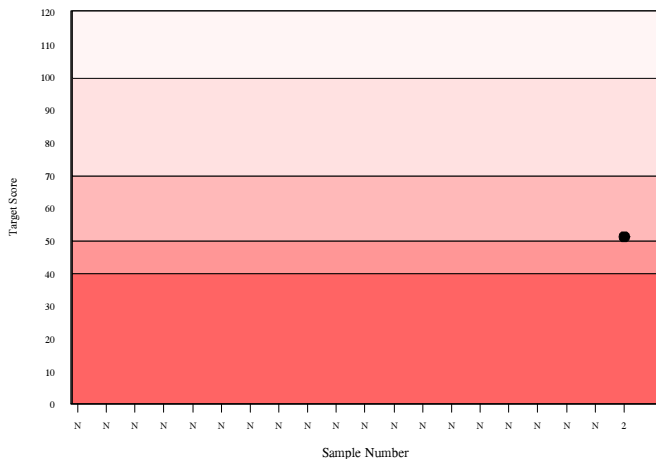
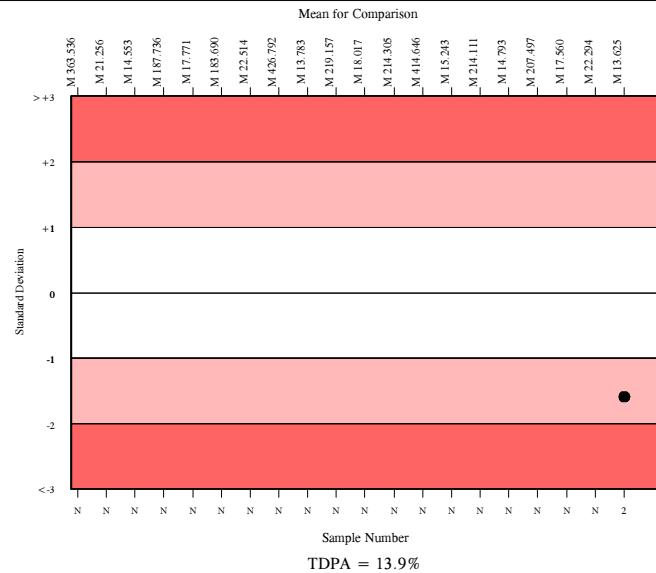
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2074	14.237	13.9	0.05	1.20	183
Roche hCG + Beta	799	13.625	5.7	0.03	1.15	73

▲ Your Result	11.790	SDI	-1.59
		RMSDI	Too Few
■ Mean for Comparison	13.625	TS	51
		RMTS	Too Few
		%DEV	-13.5
		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 hCG+Beta	799	13.625	5.7	0.03
Abbott Architect	371	12.941	7.0	0.06
Siemens Centaur XP/XPT/Classic	192	17.867	8.8	0.14
Beckman DxI 600 / 800	117	16.820	5.3	0.10
bioMerieux, VIDAS	103	14.468	9.6	0.17
Siemens/DPC Immulite 2000	66	25.713	8.0	0.32
Roche hCG STAT(Intact)	67	11.100	8.5	0.14
Ortho Vitros 3600/5600/ECi	50	15.898	5.8	0.16
Beckman Access/LXi725	49	16.190	5.8	0.17
Siemens Centaur CP	37	15.062	5.0	0.15
Beckman Access Total BhCG (5th IS)	36	16.903	4.9	0.17
Beckman DXI Total BhCG (5th IS)	32	16.925	5.5	0.20
Siemens/DPC Immulite 1000	26	23.437	9.7	0.56
Diasorin Liaison	28	11.556	10.3	0.28
Tosoh	18	16.585	6.2	0.30
Siemens Dimension	17	15.052	7.9	0.36
SNIBE Maglumi analysers	16	9.658	10.6	0.32
Roche Cobas Core EIA	12	13.530	4.9	0.24
Fujirebio Lumipulse G Series	11	11.709	9.7	0.43
Radiometer AQT90 Flex	5	12.600	7.1	0.50
CIS, RIA coated tube	1	14.000	0.0	0.00



RIQAS



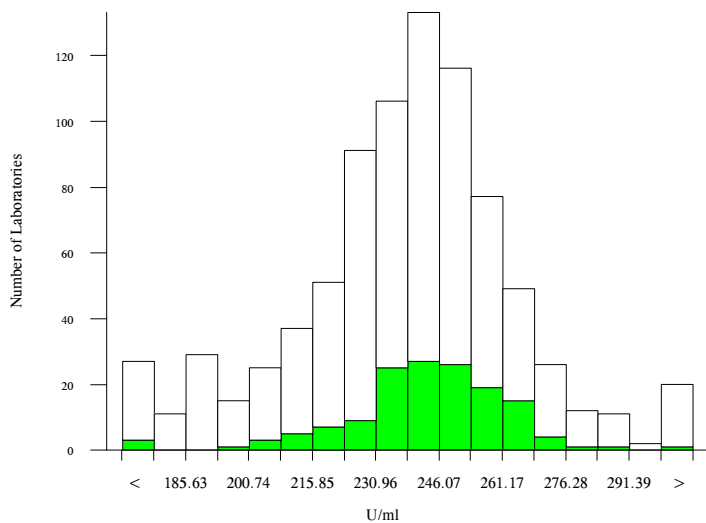
0010

IgE, U/ml

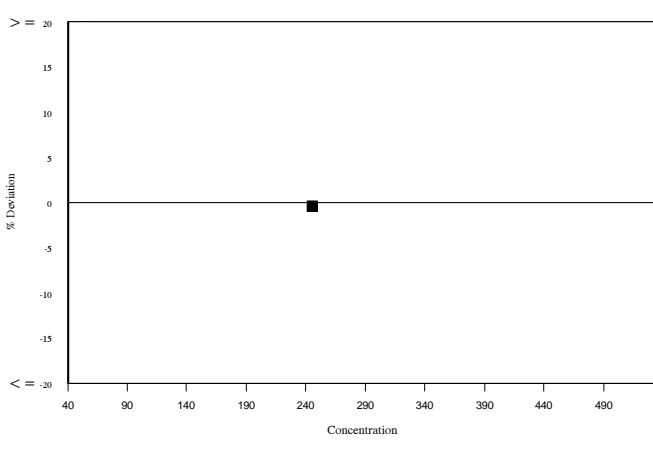
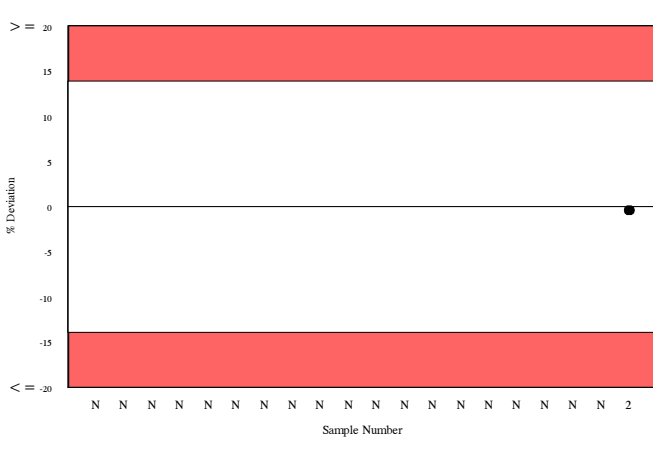
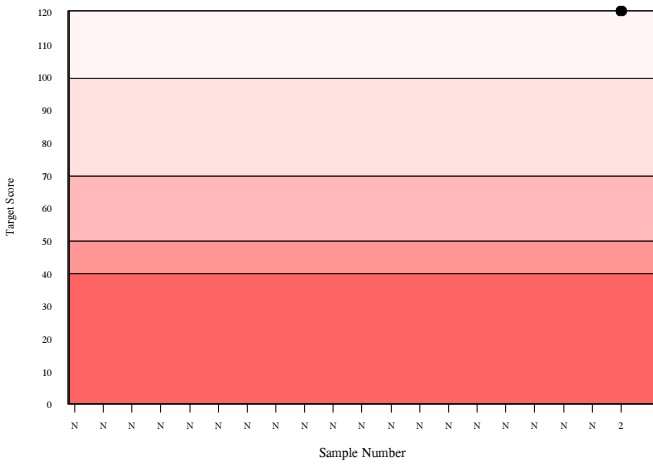
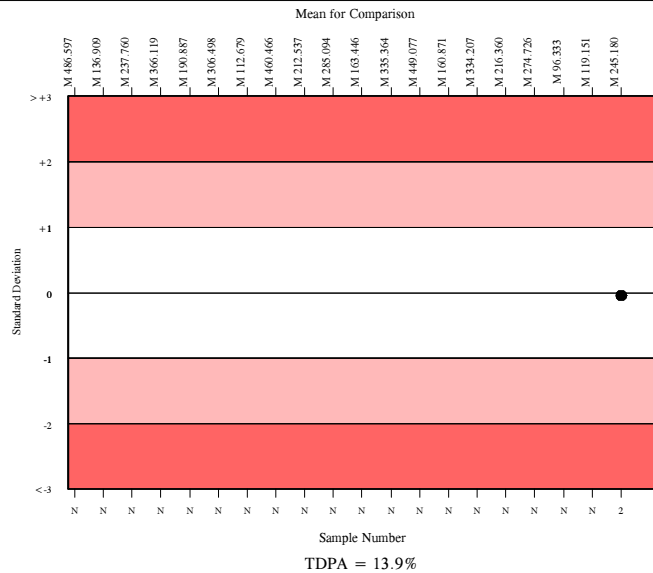
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	768	238.516	8.4	0.91	20.16	70
Roche Cobas 4000/e411	134	245.180	5.5	1.46	20.72	13

▲ Your Result	244.200	SDI	-0.05
		RMSDI	Too Few
■ Mean for Comparison	245.180	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 Cobas 6000/8000	150	244.645	4.2	1.06
Roche Cobas 4000/e411	134	245.180	5.5	1.46
Siemens Centaur XP/XPT/Classic	88	236.723	6.4	2.03
Siemens/DPC Immulite 2000/2500	85	251.226	9.3	3.15
Beckman DxI 600 / 800	47	221.498	7.3	2.96
bioMerieux, VIDAS	49	213.088	15.3	5.80
Abbott Architect	45	244.501	4.5	2.07
TOSOH	27	231.123	4.1	2.30
Siemens/DPC Immulite 1000	26	254.678	8.3	5.17
Phadia Immucap instruments	21	219.333	5.7	3.41
Roche Elecsys	15	247.000	7.3	5.86
SNIBE Maglumi analysers	12	186.011	3.2	2.13
Roche Modular E170	12	246.527	3.6	3.22
Beckman Access/LXi725	10	213.179	12.5	10.57
Fujirebio Lumipulse G Series	7	192.960	1.1	0.99
Siemens Centaur CP	6	246.067	2.8	3.46
Siemens/Dade Behring Nephelometer	5	244.200	8.9	12.13
Randox RX series Instruments	5	220.822	8.9	10.97
Beckman Immage	3	218.080	13.6	21.46
Monobind Inc. ELISA / CLIA	3	193.303	17.9	25.00
Biomed	2	227.000	8.1	16.25

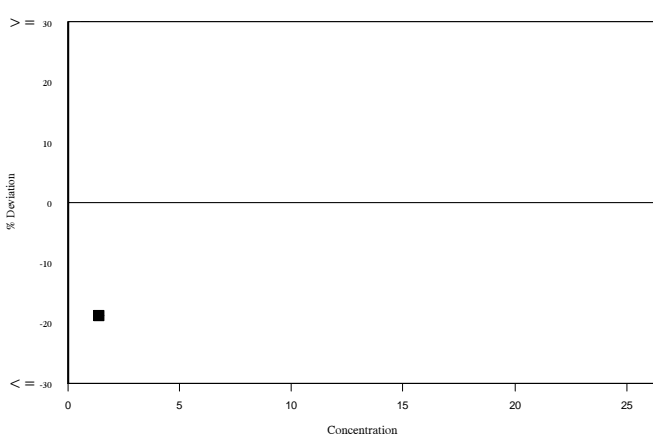
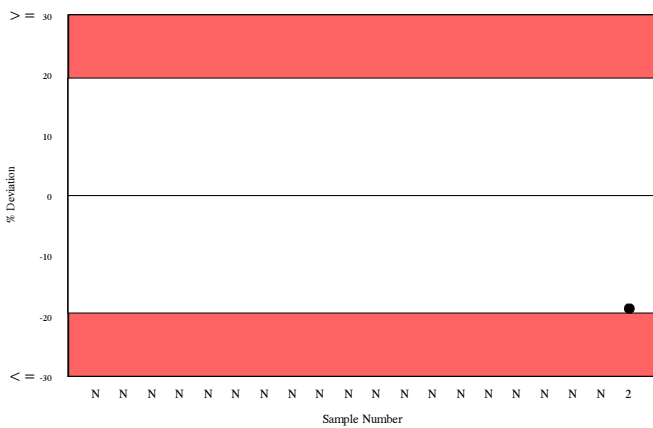
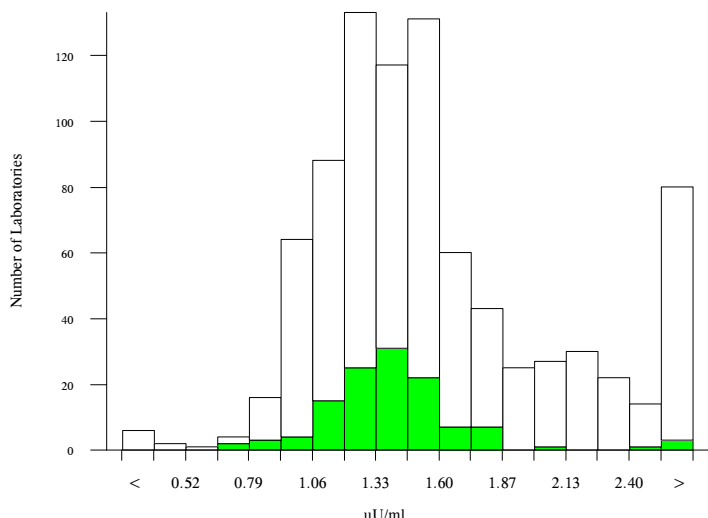
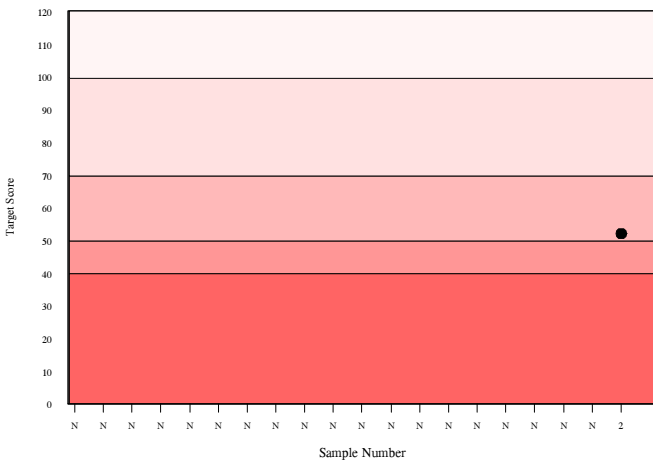
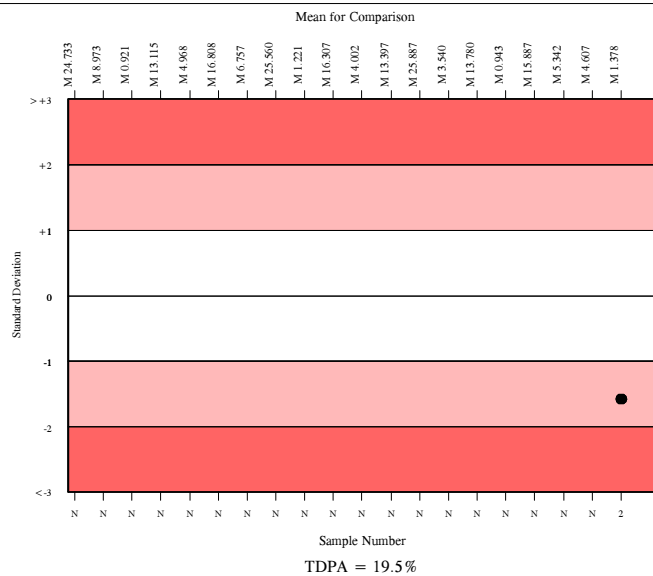


Insulin, uU/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	761	1.467	24.4	0.02	0.17	104
Roche Cobas 4000/e411	109	1.378	13.8	0.02	0.16	12

▲ Your Result	1.120	SDI	-1.58
		RMSDI	Too Few
■ Mean for Comparison	1.378	TS	52
		RMTS	Too Few
		%DEV	-18.7
		RM%DEV	Too Few

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



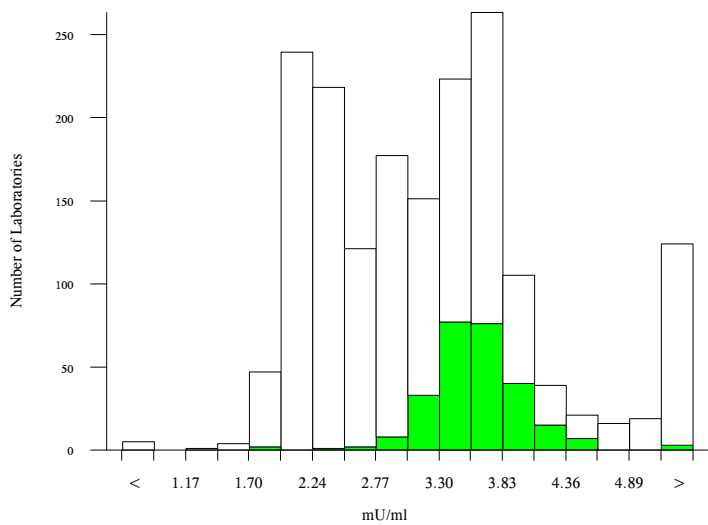
Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	171	1.547	10.7	0.02
Abbott Architect	145	1.332	12.7	0.02
Roche Cobas 4000/e411	109	1.378	13.8	0.02
Siemens Centaur XP/XPT/Classic	78	2.205	6.6	0.02
Beckman DxI 600 / 800	81	1.079	7.9	0.01
Siemens/DPC Immulite 2000	28	3.389	18.6	0.15
Tosoh	28	1.342	12.3	0.04
Roche Elecsys	26	1.478	17.1	0.06
DiaSorin, Liaison	18	1.315	21.1	0.08
Beckman Access/LXi725	18	1.135	11.2	0.04
Roche Modular E170	14	1.462	7.2	0.04
SNIBE Maglumi analysers	11	5.274	4.0	0.08
Siemens/DPC Immulite 1000	14	2.601	28.9	0.25
Fujirebio Lumipulse G Series	7	1.157	8.4	0.05
Siemens Centaur CP	7	1.924	3.7	0.03
CIS, RIA coated tube	2	2.110	26.8	0.50
Diasource IRMA	2	7.080	15.4	0.96

LH, mU/ml

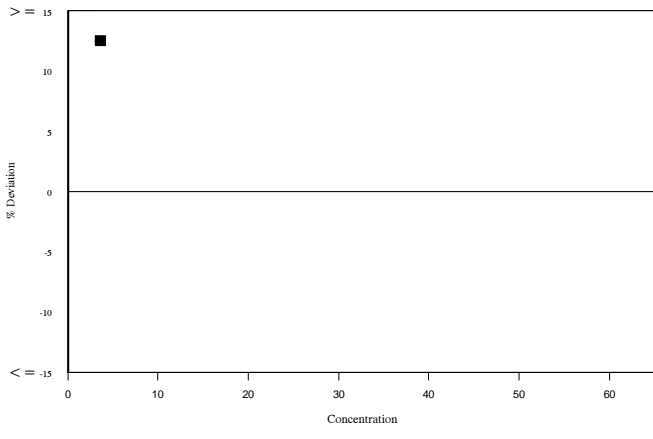
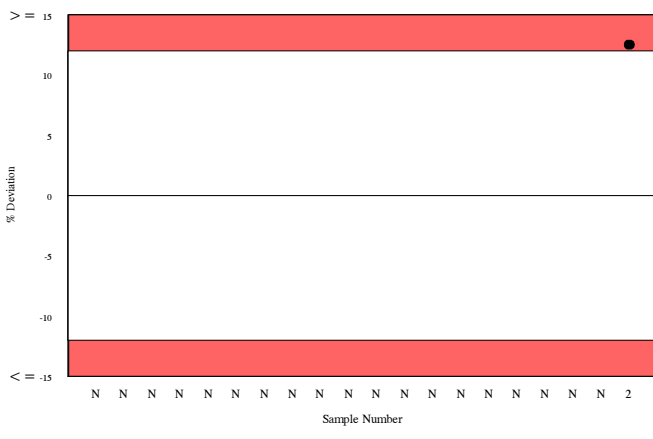
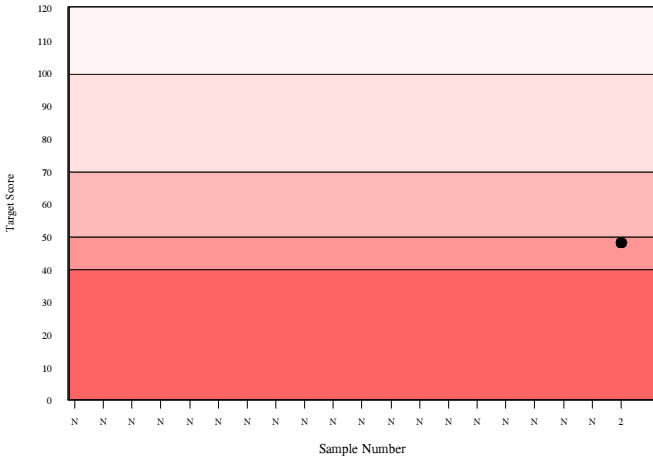
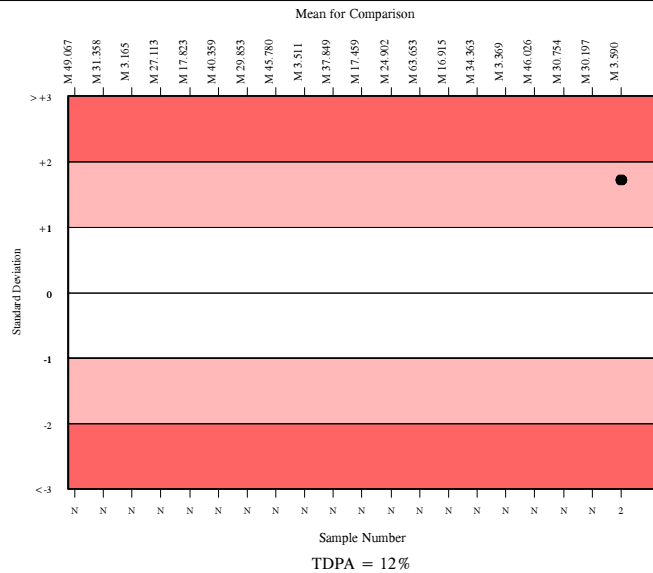
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1635	3.038	23.3	0.02	0.22	138
Roche Cobas 4000/e411	243	3.590	7.9	0.02	0.26	21

▲ Your Result	4.040	SDI	1.72
		RMSDI	Too Few
■ Mean for Comparison	3.590	TS	48
		RMTS	Too Few
		%DEV	12.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	27.92%
Acceptable limits of performance for RIQAS	12.00%
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	331	3.599	6.2	0.02
Abbott Architect	278	2.263	7.2	0.01
Roche Cobas 4000/e411	243	3.590	7.9	0.02
Siemens Centaur XP/XPT/Classic	175	2.871	6.2	0.02
Beckman DxI 600 / 800	133	2.127	5.8	0.01
bioMerieux, VIDAS	67	2.894	7.1	0.03
Siemens/DPC Immulite 2000	58	5.414	7.7	0.07
Beckman Access/LXi725	54	2.213	6.4	0.02
Roche Elecsys	48	3.484	9.3	0.06
Tosoh	39	2.601	8.2	0.04
Ortho Vitros 3600/5600/ECi	38	6.748	19.5	0.27
Diasorin Liaison	36	3.864	12.8	0.10
Siemens/DPC Immulite 1000	28	5.838	7.6	0.11
Roche Modular E170	27	3.531	5.2	0.04
Siemens Centaur CP	22	2.761	8.4	0.06
SNIBE Maglumi analysers	18	3.568	4.4	0.05
Fujirebio Lumipulse G Series	6	2.567	2.0	0.03
DIAsource, IRMA	5	5.720	24.4	0.78
Siemens Dimension	2	3.345	1.9	0.06
Monobind Inc. ELISA/CLIA	2	6.300	1.3	0.07

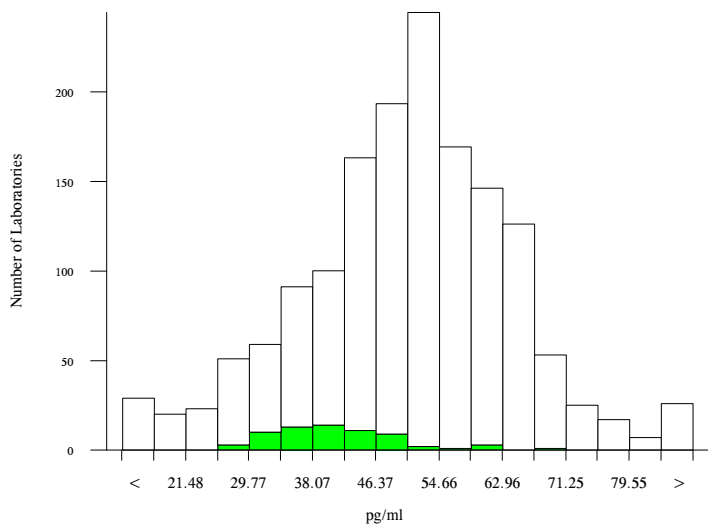
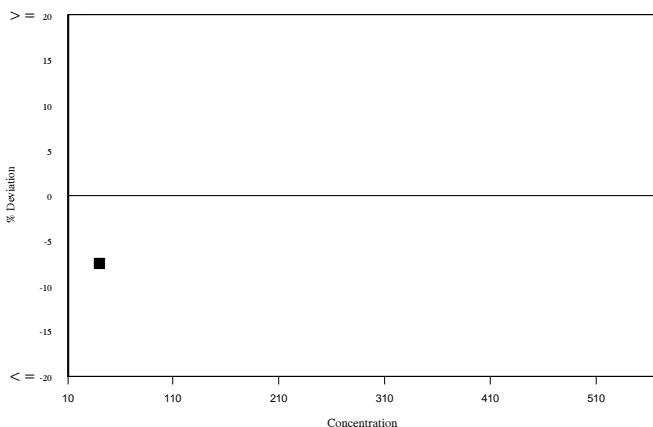
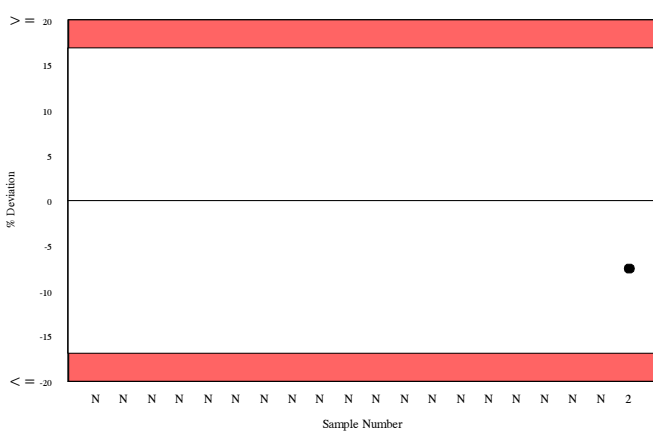
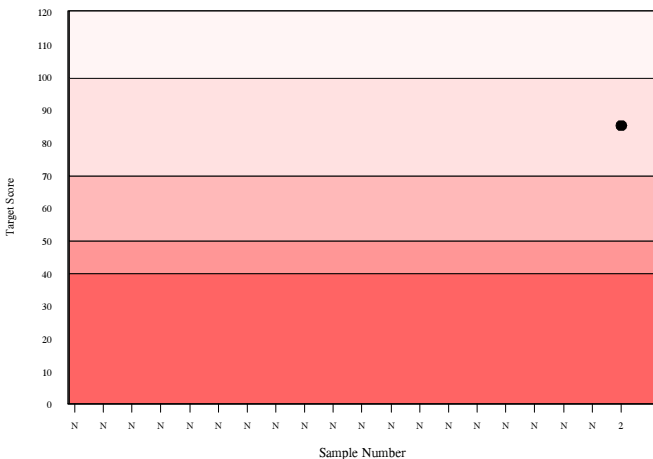
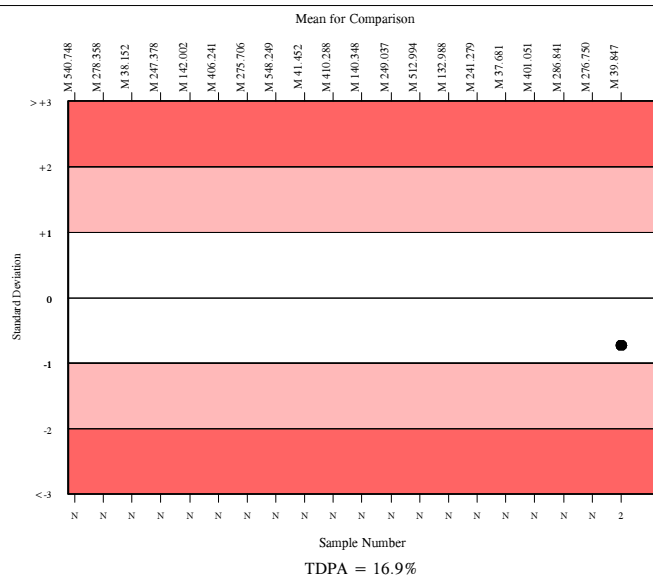


Oestradiol, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1439	50.519	21.9	0.36	5.19	113
Siemens/DPC Immulite 2000/2500	62	39.847	16.4	1.04	4.09	5

▲ Your Result	36.850	SDI	-0.73
		RMSDI	Too Few
■ Mean for Comparison	39.847	TS	85
		RMTS	Too Few
		%DEV	-7.5
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Abbott Architect	230	61.777	8.1	0.41
Roche Cobas 6000/8000 (Estradiol III)	185	50.779	8.2	0.38
Beckman Dxi 600 / 800	128	36.662	31.6	1.28
Roche Cobas 6000/8000 (Estradiol II)	121	49.163	10.6	0.59
Roche Cobas 4000/e411 (Estradiol II)	110	46.857	13.5	0.75
Roche Cobas 4000/e411 (Estradiol III)	102	47.660	10.6	0.62
Siemens Centaur XP/XPT/Classic (eE2)	89	61.145	8.7	0.70
bioMerieux, VIDAS	61	59.773	10.6	1.01
Siemens/DPC Immulite 2000/2500	62	39.847	16.4	1.04
Siemens Centaur XP/XPT/Classic	44	58.583	8.7	0.96
Beckman Access/LXi725	44	38.031	24.5	1.76
Roche Elecsys (Estradiol II)	32	48.934	11.4	1.23
Siemens/DPC Immulite 1000	24	37.405	15.0	1.44
Ortho Vitros 3600/5600/ECi	23	33.880	14.5	1.28
Diasorin Liaison	21	33.322	16.8	1.53
Tosoh (E2)	9	17.182	25.3	1.81
Roche Elecsys (Estradiol III)	17	47.233	11.2	1.60
Roche Modular E170 (Estradiol III)	16	47.947	8.9	1.34
Tosoh (iE2-hsE2)	10	21.830	17.2	1.49
SNIBE Maglumi analysers	10	27.535	1.6	0.17
Siemens Centaur CP	11	63.575	7.1	1.70



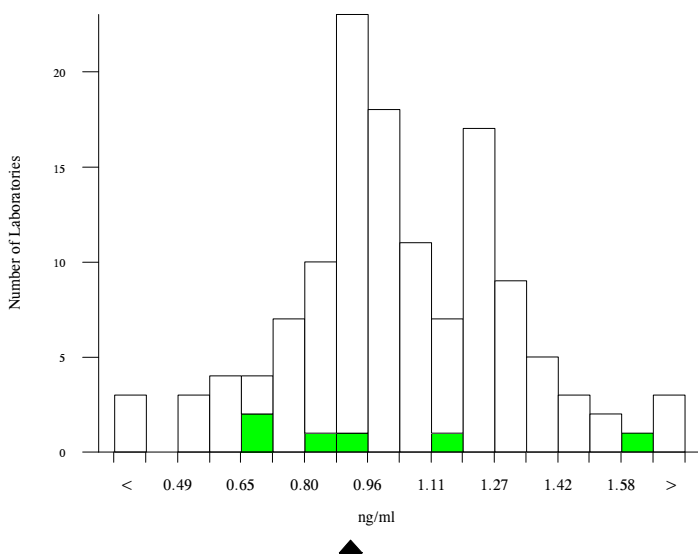
RIQAS

17-OH-Progesterone, ng/ml

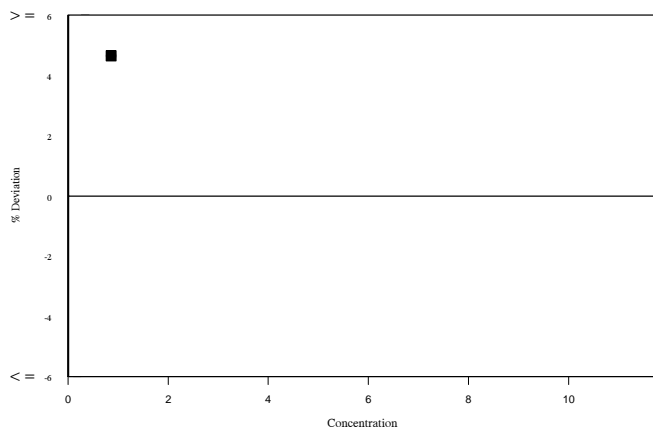
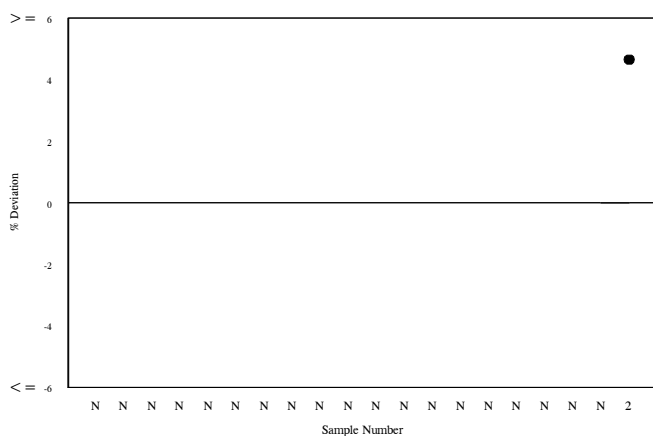
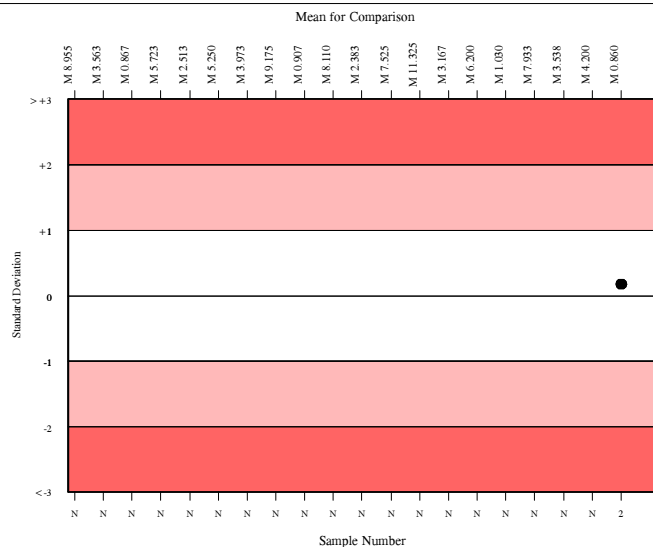
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	118	1.040	19.9	0.02	0.21	12
DiaMetra ELISA	5	0.860	23.4	0.11	0.23a	1

▲ Your Result	0.900	SDI	0.17
		RMSDI	Too Few
■ Mean for Comparison	0.860	TS	N/A
		RMTS	N/A
		%DEV	4.7
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
DRG ELISA	26	1.035	11.6	0.03
ELISA	16	1.002	18.9	0.06
Immunotech RIA	11	0.990	13.3	0.05
SNIBE Maglumi analysers	9	0.951	2.1	0.01
DIASource RIA	8	1.280	4.7	0.03
DIASource ELISA	9	1.183	15.4	0.08
IBL ELISA	7	1.194	12.3	0.07
Novatec ELISA	6	1.140	24.2	0.14
DiaMetra ELISA	5	0.860	23.4	0.11
Labor Diagnostike Nord ELISA	2	1.015	24.4	0.22
Beckman Coulter RIA	2	0.993	4.7	0.04
CIS, RIA Coated Tube	2	0.475	22.3	0.09
Monobind Inc. ELISA / CLIA	1	1.030	0.0	0.00
MP Biomedicals RIA	2	0.505	29.4	0.13

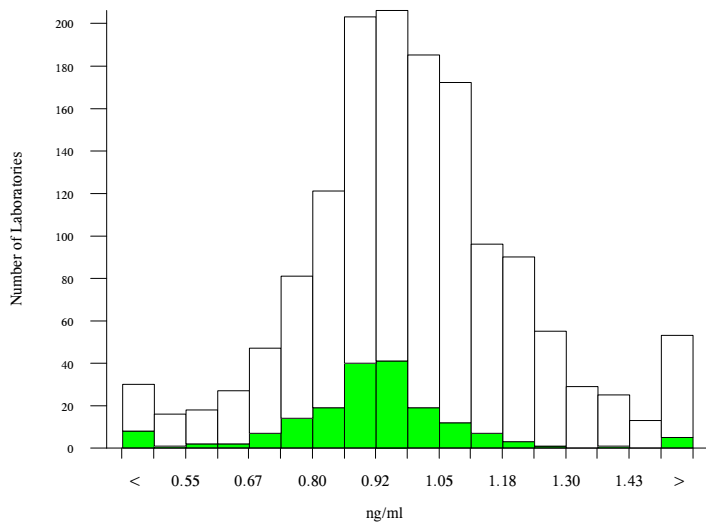
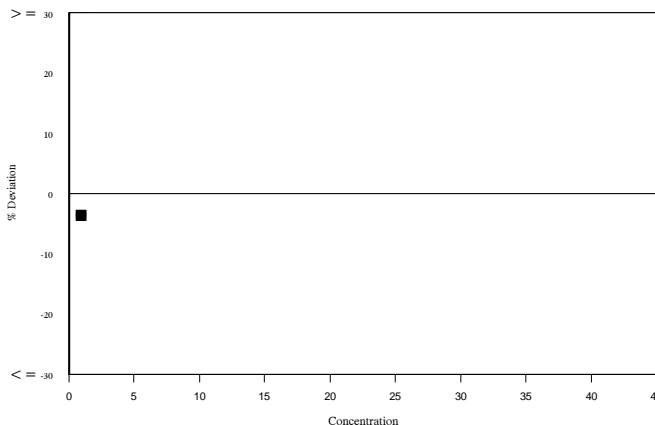
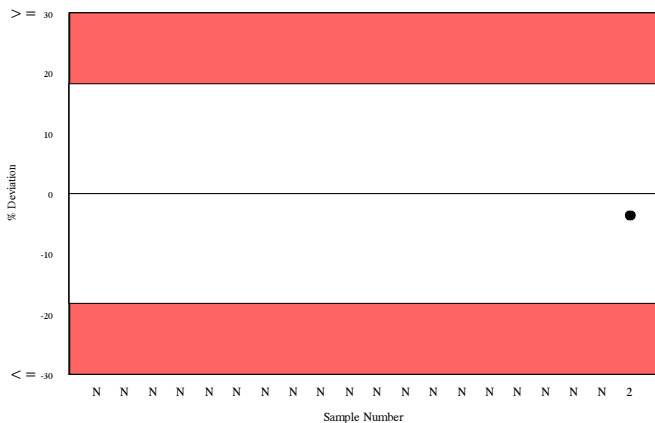
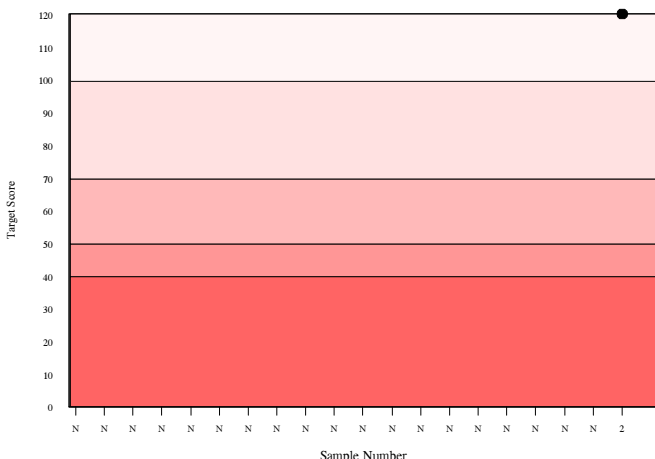
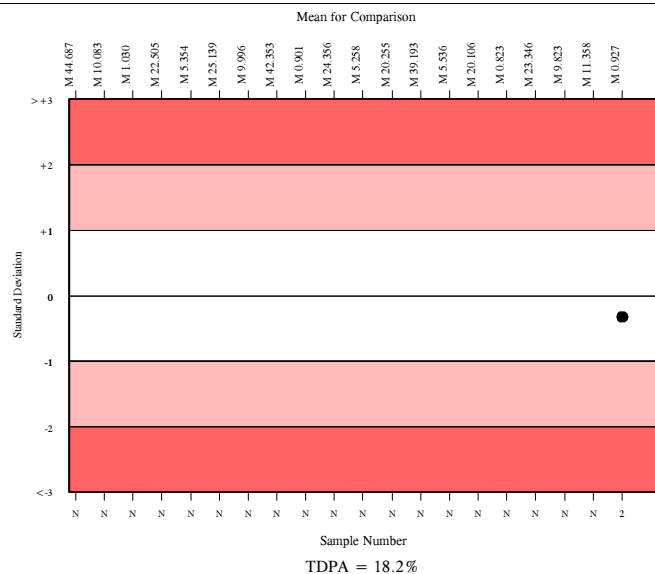


Progesterone, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1347	0.992	16.9	0.01	0.11	120
Roche Cobas 4000/e411 (Prog. II)	161	0.927	11.4	0.01	0.10	21

▲ Your Result	0.893	SDI	-0.33
		RMSDI	Too Few
■ Mean for Comparison	0.927	TS	120
		RMTS	Too Few
		%DEV	-3.6
		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	217	1.101	9.1	0.01
Roche Cobas 6000/8000 (Prog. II)	212	0.923	8.9	0.01
Roche Cobas 4000/e411 (Prog. II)	161	0.927	11.4	0.01
Siemens Centaur XP/XPT/Classic	138	0.848	13.5	0.01
Beckman DXI Prog. Cal 33555	93	1.122	13.8	0.02
bioMerieux, VIDAS	71	1.304	15.6	0.03
Roche Cobas 6000/8000 (Prog. III)	68	0.909	10.2	0.01
Siemens/DPC Immulite 2000/2500	61	1.116	8.1	0.01
Beckman Access Prog. Cal 33555	46	1.179	15.1	0.03
Roche Elecsys (Prog. II)	39	0.932	10.7	0.02
Roche Cobas 4000/e411 (Prog. III)	39	0.903	8.5	0.02
Tosoh	36	0.626	27.7	0.04
Siemens/DPC Immulite 1000	31	1.162	11.7	0.03
Ortho Vitros 3600/5600/ECi	20	1.194	5.5	0.02
Beckman DXI Prog.DE Cal. A80773	24	0.891	23.8	0.05
Diasorin Liaison	14	0.710	16.6	0.04
Roche Modular E170 (Prog. II)	15	0.934	10.1	0.03
SNIBE Maglumi analysers	10	1.067	3.2	0.01
Siemens Centaur CP	10	0.957	6.6	0.03
Roche Modular E170 (Prog. III)	11	0.958	11.8	0.04
Fujirebio Lumipulse G Series	2	0.850	11.6	0.09



RIQAS

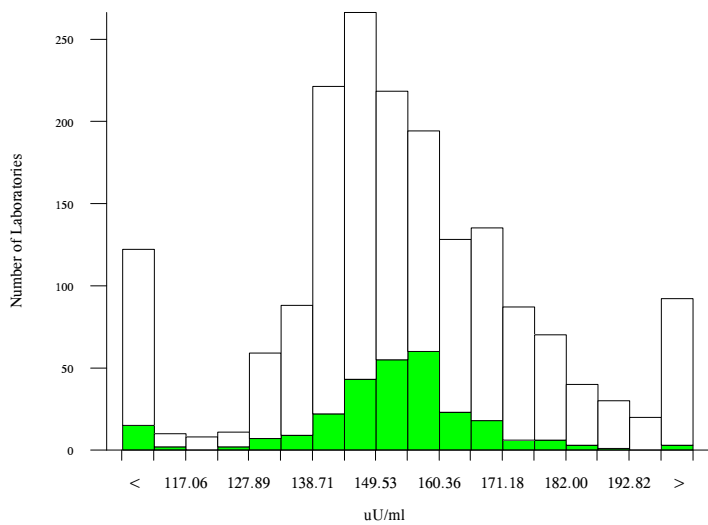
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Prolactin, uU/ml

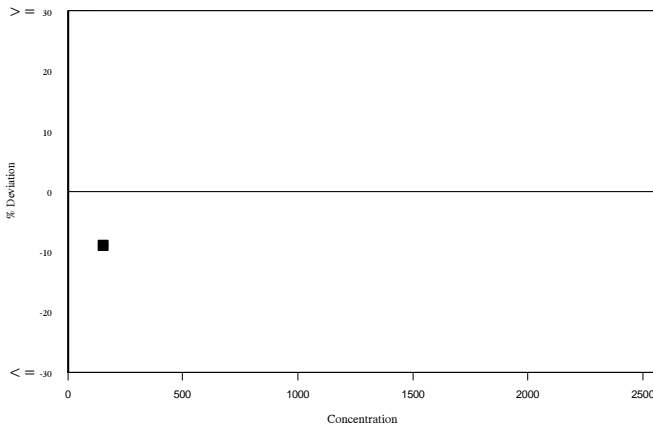
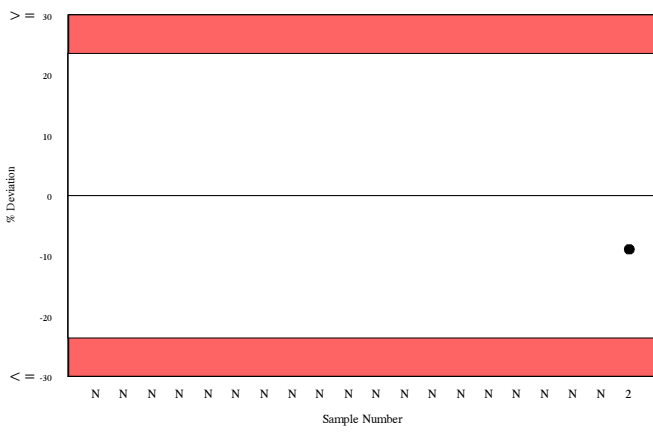
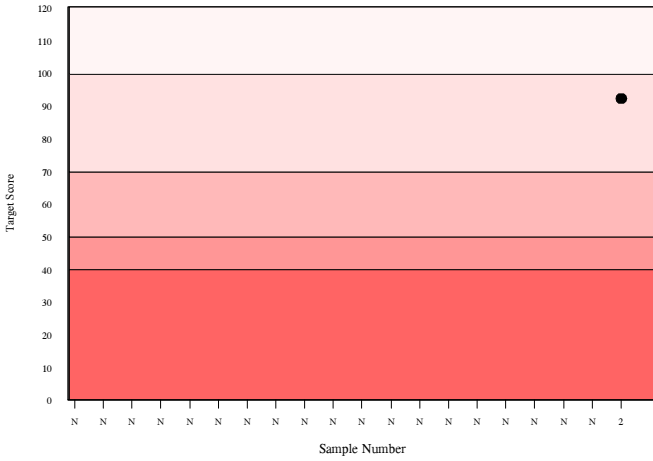
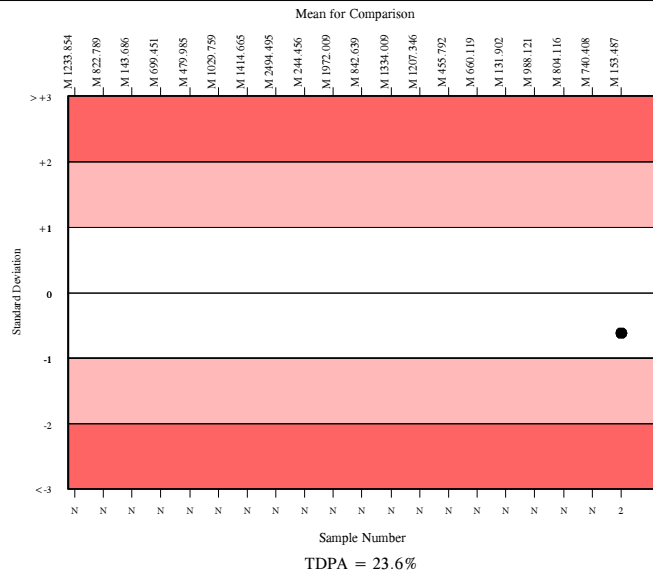
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1557	154.949	9.3	0.46	22.23	242
Roche Cobas 4000/e411	238	153.487	5.7	0.71	22.02	37

▲ Your Result	139.800	SDI	-0.62
		RMSDI	Too Few
■ Mean for Comparison	153.487	TS	92
		RMTS	Too Few
		%DEV	-8.9
		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	285	144.603	4.6	0.49
Roche Cobas 4000/e411	238	153.487	5.7	0.71
Abbott Architect	228	174.127	6.2	0.89
Siemens Centaur XP/XPT/Classic	169	151.509	4.3	0.63
Beckman DxI 600 / 800	133	145.041	5.2	0.82
bioMerieux, VIDAS	65	154.672	13.3	3.19
Siemens/DPC Immulite 2000/2500	63	146.898	6.7	1.55
Roche Elecsys	47	148.915	7.2	1.96
Beckman Access/LXi725	41	155.292	5.3	1.62
Roche Elecsys/E170/Cobas 6000/8000 PRLII	43	146.238	5.2	1.46
Abbott Architect (Re-standardised)	39	169.412	4.7	1.58
Ortho Vitros 3600/5600/ECi	35	179.744	9.3	3.54
Tosoh	34	203.036	12.9	5.64
Diasorin Liaison	28	166.712	8.6	3.38
Siemens/DPC Immulite 1000	26	169.759	7.1	2.97
Siemens Centaur CP	18	148.223	6.9	3.02
Roche Modular E170	18	144.319	4.1	1.76
SNIBE Maglumi analysers	17	179.446	4.7	2.54
Fujirebio Lumipulse G Series	5	194.522	7.4	8.08
Immunotech IRMA	9	190.553	10.6	8.42
Siemens Dimension	3	161.787	2.8	3.21

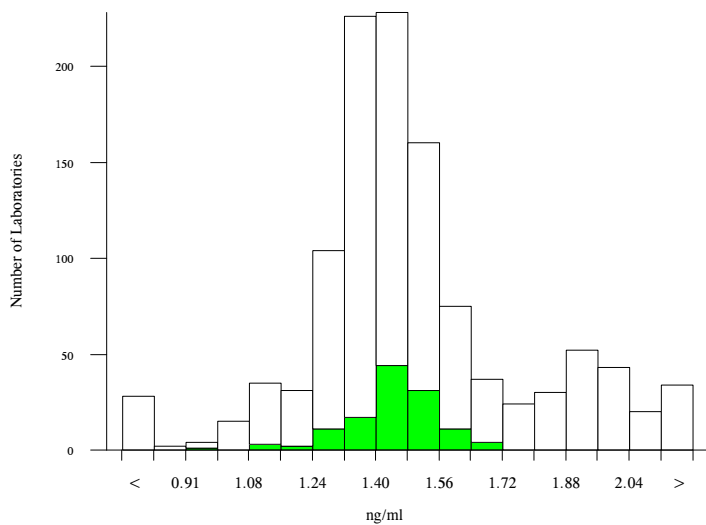


PSA, Free, ng/ml

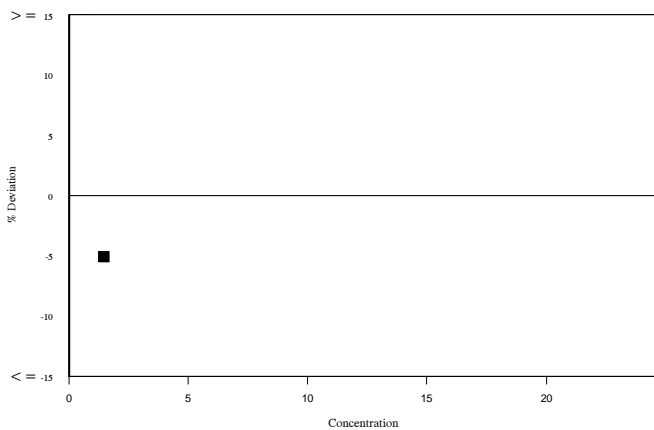
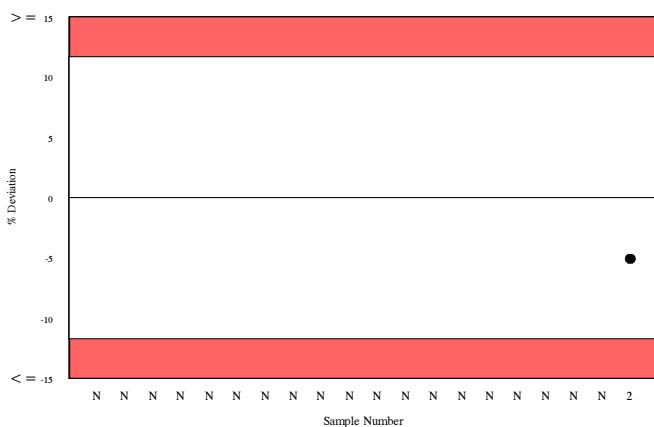
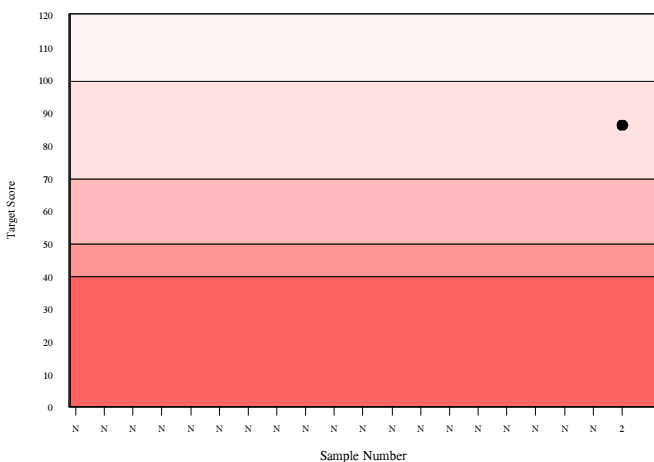
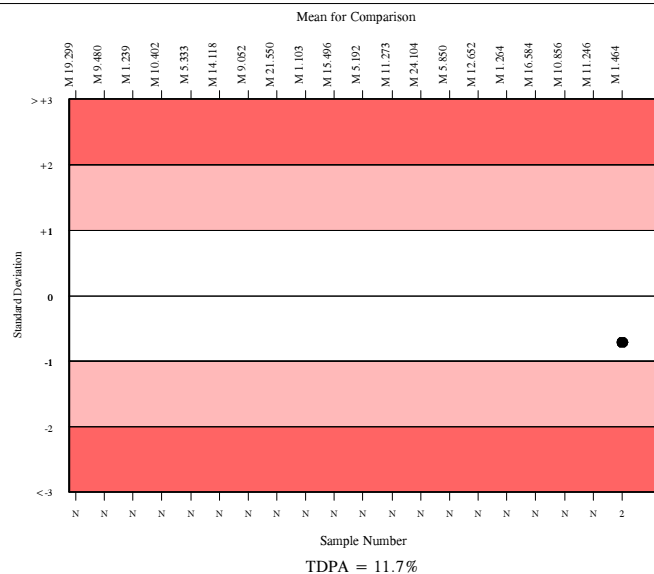
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1062	1.483	14.5	0.01	0.11	87
Roche Cobas 4000/e411	115	1.464	6.0	0.01	0.10	9

▲ Your Result	1.390	SDI	-0.71
		RMSDI	Too Few
■ Mean for Comparison	1.464	TS	86
		RMTS	Too Few
		%DEV	-5.1
		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	233	1.442	4.5	0.01
Abbott Architect	220	1.358	4.4	0.01
Roche Cobas 4000/e411	115	1.464	6.0	0.01
Beckman DXI standardised to Hybritech	112	1.913	5.9	0.01
Siemens Centaur XP/XPT/Classic	110	1.571	5.6	0.01
Siemens/DPC Immulite 2000/2500	35	1.304	6.9	0.02
BioMerieux VIDAS	34	2.134	6.1	0.03
Beckman Access standardised to Hybritech	33	1.939	5.5	0.02
Roche Elecsys	25	1.464	5.2	0.02
Diasorin Liaison	21	0.715	8.4	0.02
TOSOH	17	1.304	6.0	0.02
Siemens/DPC Immulite 1000	16	1.347	17.9	0.08
Roche Modular E170	17	1.422	4.6	0.02
SNIBE Maglumi analysers	16	1.296	16.6	0.07
Fujirebio Lumipulse G Series	13	1.085	5.9	0.02
Ortho Vitros 3600/5600/ECi PSA II	9	1.223	3.8	0.02
Beckman DXI standard to WHO IRP96/670	7	1.487	9.1	0.06
Siemens Dimension	6	1.108	5.0	0.03
Ortho Vitros 3600/5600/ECi	5	1.158	2.0	0.01
Beckman Access standard to WHO IRP96/670	4	1.898	3.6	0.04
CIS, RIA coated tube	3	1.021	10.8	0.08



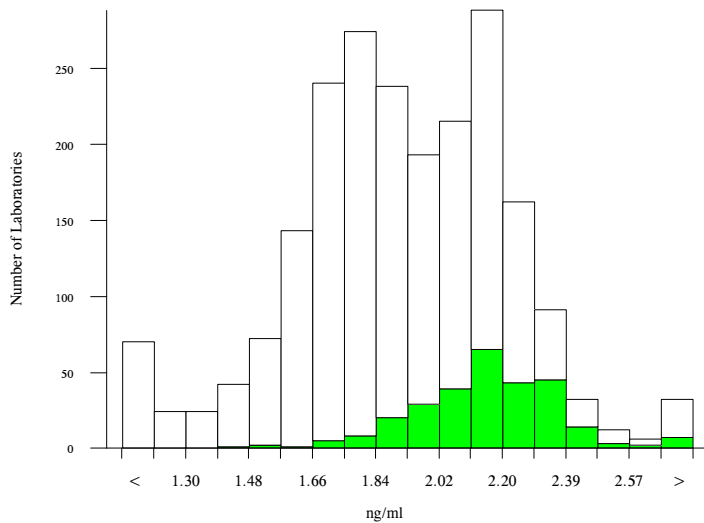
RIQAS

PSA, Total, ng/ml

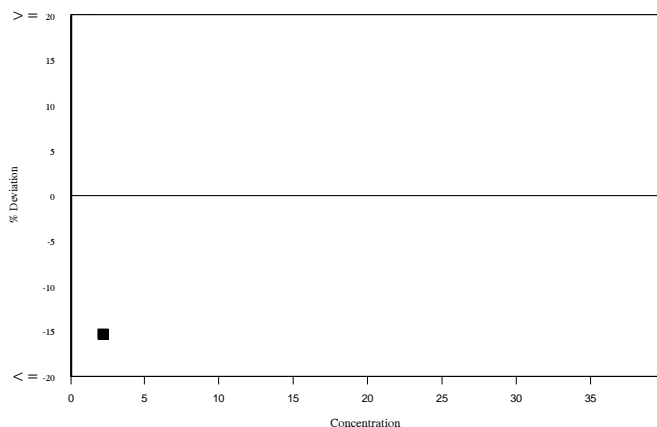
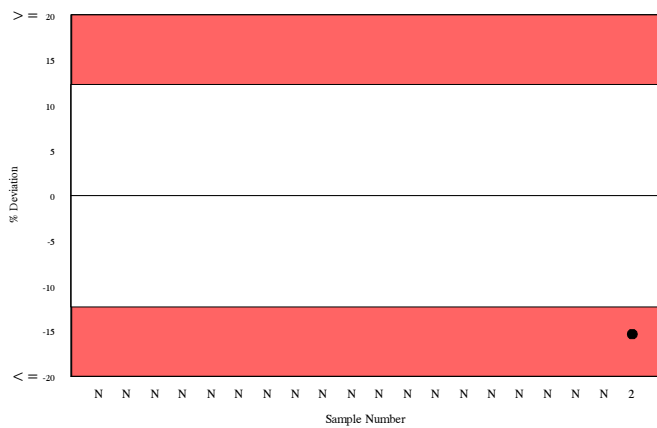
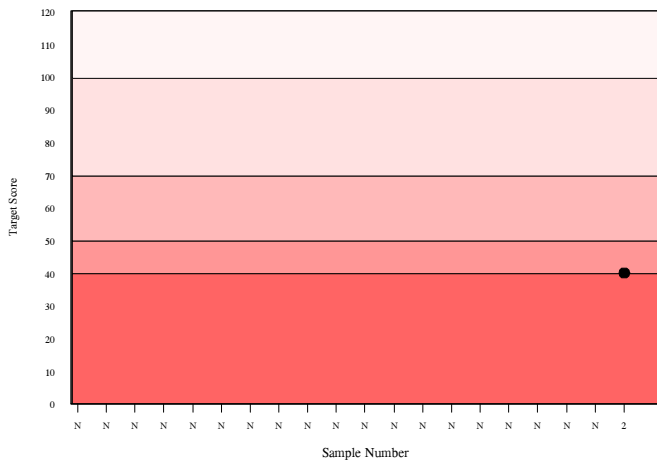
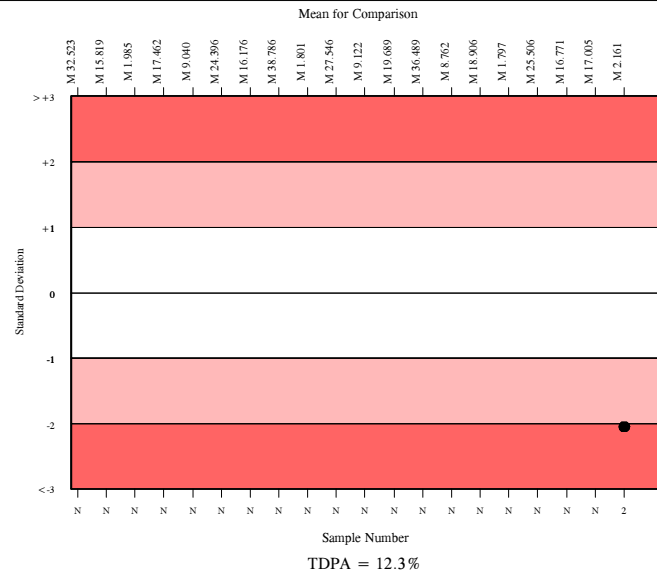
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2009	1.936	12.5	0.01	0.14	149
Roche Cobas 4000/e411	266	2.161	7.5	0.01	0.16	18

▲ Your Result	1.830	SDI	-2.05
		RMSDI	Too Few
■ Mean for Comparison	2.161	TS	40
		RMTS	Too Few
		%DEV	-15.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	33.6%
Acceptable limits of performance for RIQAS	12.30%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	405	2.164	4.2	0.01
Abbott Architect	385	1.849	6.2	0.01
Roche Cobas 4000/e411	266	2.161	7.5	0.01
Siemens Centaur XP/XPT/Classic	212	1.726	5.0	0.01
Beckman DXI standardised to Hybritech	147	1.756	5.1	0.01
Beckman Access standardised to Hybritech	69	1.861	5.3	0.01
Roche Elecsys	57	2.112	7.9	0.03
Siemens Immulite 2000/2500, Total PSA	47	1.534	7.4	0.02
bioMerieux, Vidas TPSA	42	1.977	6.9	0.03
Diasorin Liaison	38	0.816	9.3	0.02
Tosoh	35	1.246	6.6	0.02
Ortho Vitros 3600/5600/ECi PSA II	39	2.059	4.7	0.02
Siemens Centaur CP	32	1.633	5.5	0.02
Siemens Immulite 1000, Total PSA	30	1.482	12.6	0.04
Roche Modular E170	25	2.127	4.5	0.02
SNIBE Maglumi analysers	23	1.950	16.5	0.08
Beckman DXI standard to WHO IRP96/670	18	1.482	4.6	0.02
Beckman Access standard to WHO IRP96/670	18	1.824	6.1	0.03
Ortho Vitros 3600/5600/ECi	15	1.984	6.4	0.04
bioMerieux, Vidas	13	2.035	6.6	0.05
CIS, RIA coated tube	14	2.160	5.3	0.04

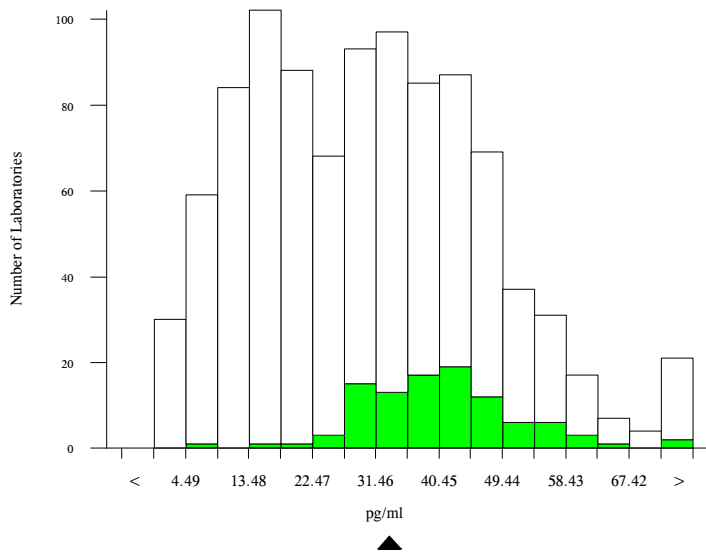


Parathyroid hormone, pg/ml

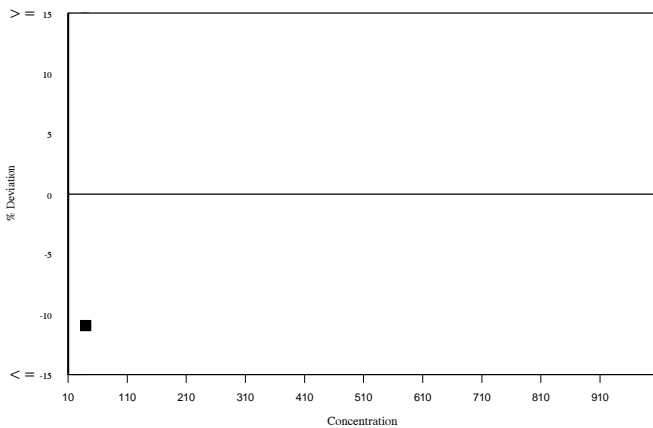
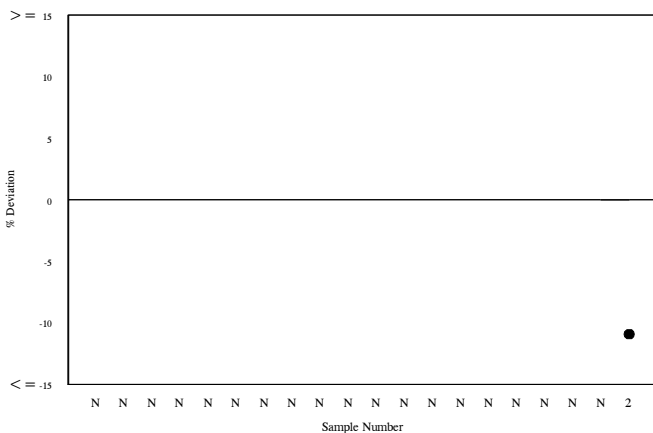
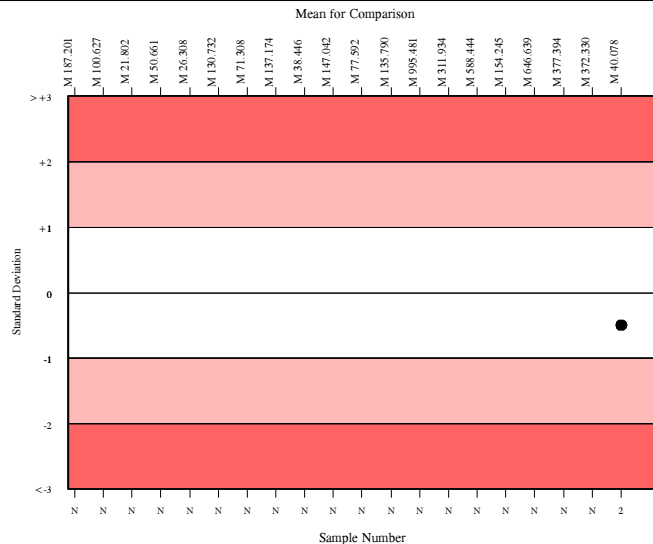
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	920	29.089	49.1	0.59	14.28	68
Roche Cobas 4000/e411 PTH/PTH STAT	94	40.078	21.9	1.13	8.79	6

▲ Your Result	35.700	SDI	-0.50
		RMSDI	Too Few
■ Mean for Comparison	40.078	TS	N/A
		RMTS	N/A
		%DEV	-10.9
		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	164	42.655	22.0	0.92
Abbott Architect	122	27.582	37.4	1.17
Siemens Centaur XP/XPT/Classic	91	17.622	40.8	0.94
Roche Cobas 4000/e411 PTH/PTH STAT	94	40.078	21.9	1.13
Beckman DxI 600 / 800	92	12.617	37.3	0.61
Roche Cobas 6000/8000 PTH (1-84)	57	40.787	26.7	1.81
Roche Cobas 4000/e411 PTH (1-84)	50	36.646	25.9	1.68
Siemens/DPC Immulite 2000	44	26.807	47.5	2.40
Roche Elecsys PTH/PTH STAT	36	36.322	27.5	2.08
Beckman Access/LXi725	24	11.789	35.7	1.07
DiaSorin, Liaison 1-84 PTH	19	8.185	32.7	0.77
Tosoh	23	12.817	42.7	1.43
Siemens/DPC Immulite 1000	13	18.726	25.1	1.63
SNIBE Maglumi analysers	12	31.934	6.4	0.74
Ortho Vitros 3600/5600/ECi	13	19.721	27.7	1.89
Roche Modular E170 PTH/PTH STAT	11	40.188	14.0	2.12
CIS IRMA	6	14.121	46.5	3.35
Siemens Centaur CP	7	19.207	37.8	3.43
DiaSorin, Liaison N-TACT PTH II	5	20.960	35.7	4.18
Roche Elecsys PTH (1-84)	6	37.417	23.1	4.40
Roche Modular E170 PTH (1-84)	5	36.443	20.7	4.22

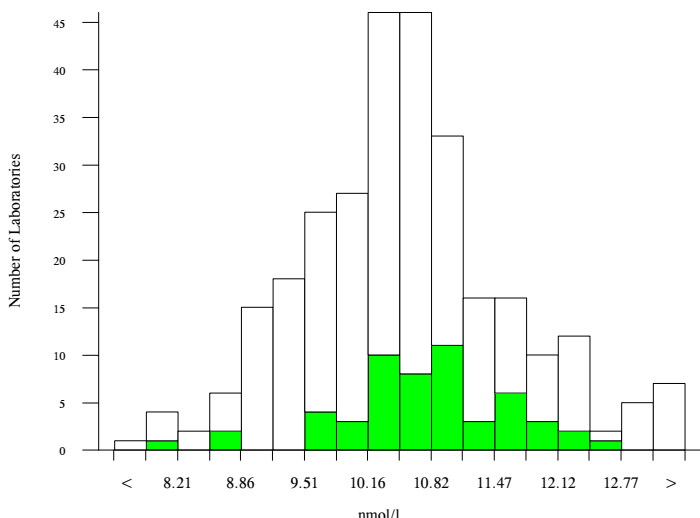


Sex Hormone Binding Globulin, nmol/l

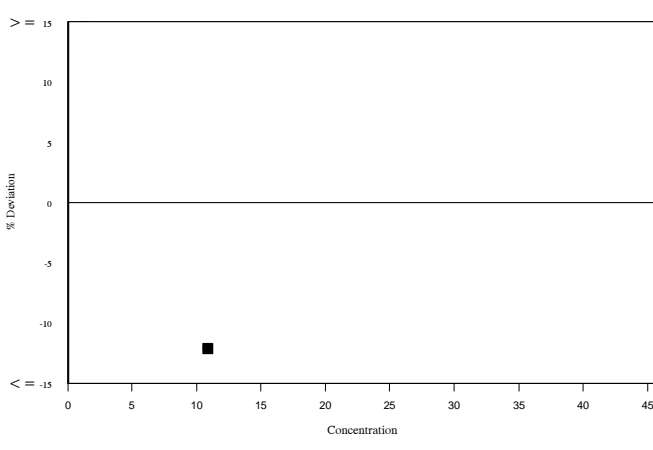
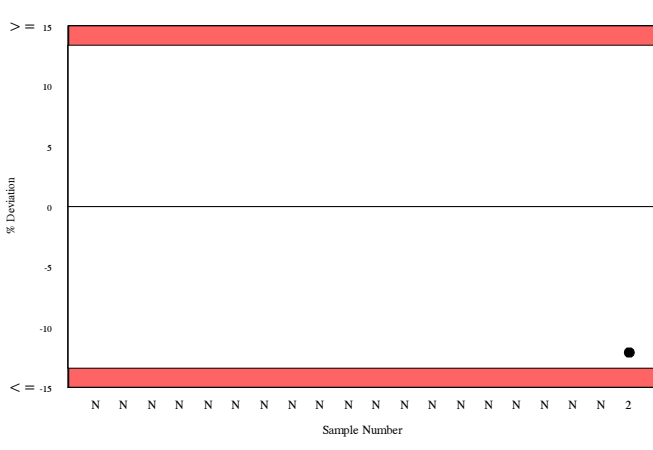
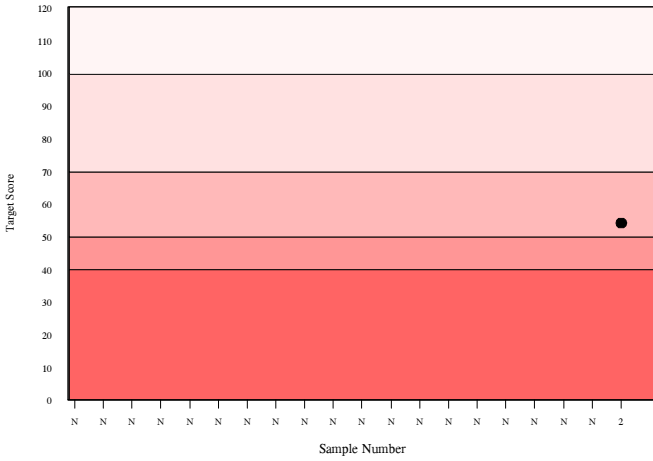
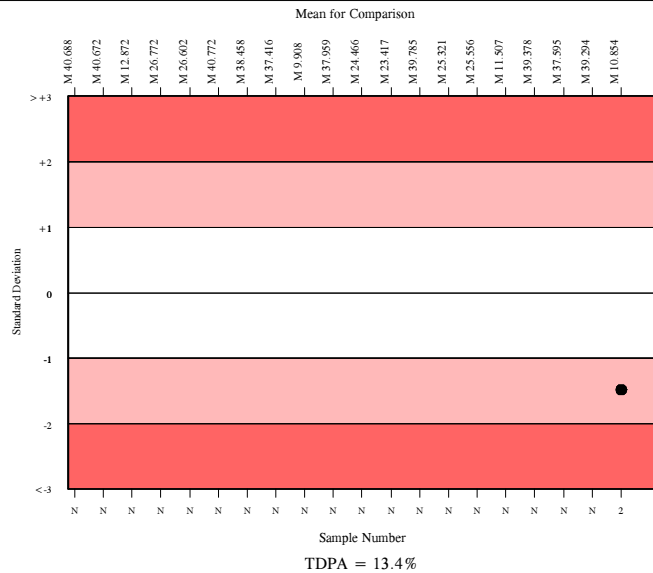
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	271	10.496	8.3	0.07	0.86	22
Roche Cobas 4000/e411	50	10.854	6.5	0.12	0.88	4

▲ Your Result	9.540	SDI	-1.49
		RMSDI	Too Few
■ Mean for Comparison	10.854	TS	54
		RMTS	Too Few
		%DEV	-12.1
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	61	10.629	5.5	0.09
Roche Cobas 4000/e411	50	10.854	6.5	0.12
Siemens/DPC Immulite 2000/2500	39	10.087	6.1	0.12
Abbott Architect	37	10.155	5.3	0.11
Beckman DXI 600 / 800	24	9.698	8.5	0.21
Siemens Centaur XP/XPT/Classic	17	12.115	3.3	0.12
Roche Modular E170	12	10.793	4.8	0.19
Roche Elecsys	9	10.476	8.1	0.35
Siemens/DPC Immulite 1000	7	9.800	6.5	0.30
ELISA	3	9.167	3.1	0.21

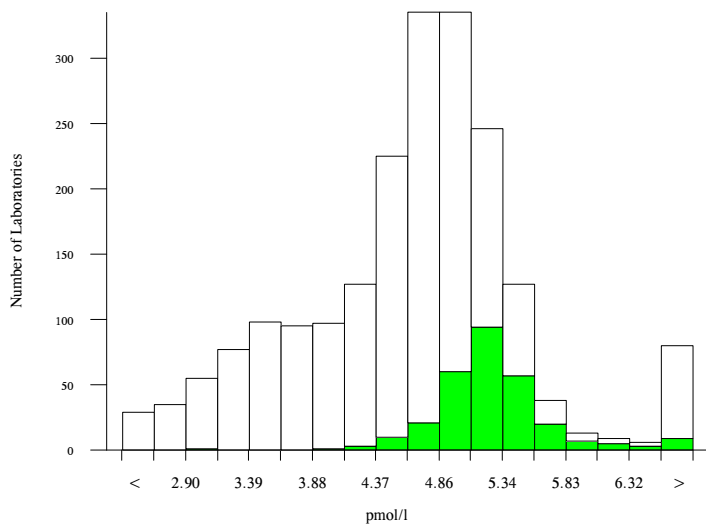


Free T3, pmol/l

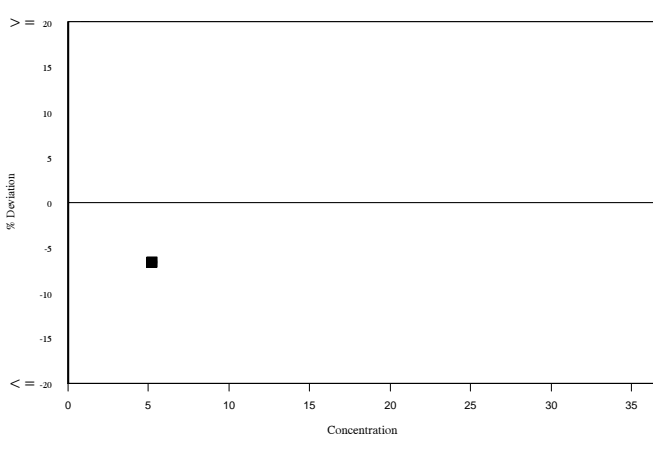
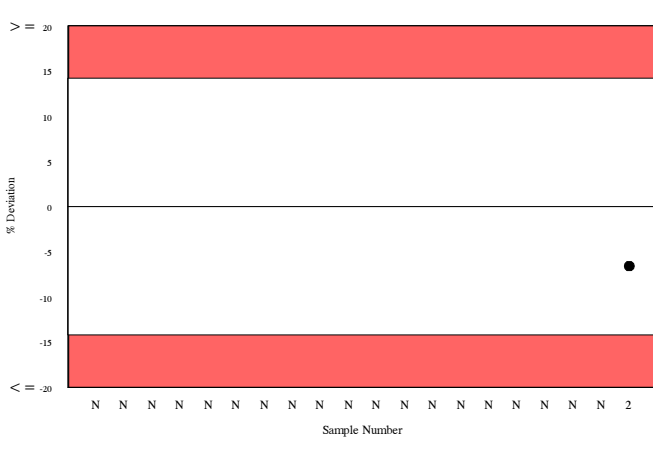
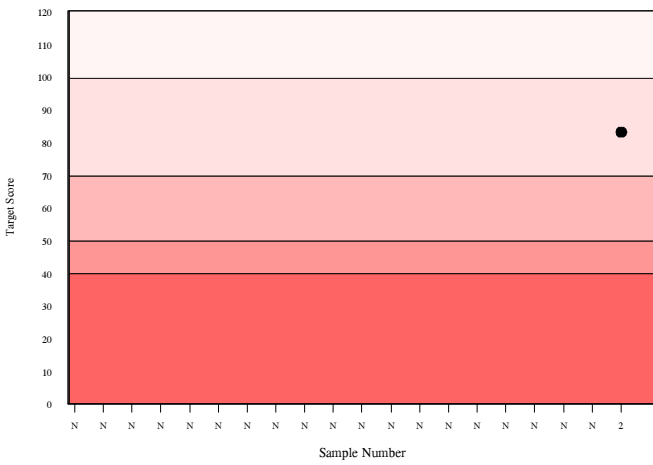
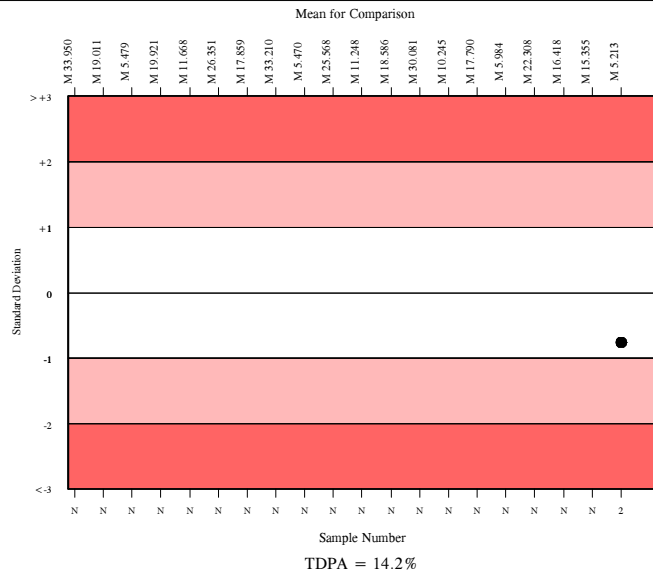
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1855	4.616	14.1	0.02	0.40	172
Roche Cobas 4000/e411	261	5.213	5.4	0.02	0.45	30

▲ Your Result	4.870	SDI	-0.76
		RMSDI	Too Few
■ Mean for Comparison	5.213	TS	83
		RMTS	Too Few
		%DEV	-6.6
		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	400	4.997	4.3	0.01
Abbott Architect	345	3.435	11.6	0.03
Roche Cobas 4000/e411	261	5.213	5.4	0.02
Siemens Centaur XP/XPT/Classic	224	4.658	3.5	0.01
Beckman DxI 600 / 800	160	4.687	8.2	0.04
Roche Elecsys	71	5.209	5.3	0.04
Beckman Access/LXi725	65	4.683	7.0	0.05
BioMerieux VIDAS	49	4.317	8.2	0.06
Diasorin Liaison	47	4.081	5.0	0.04
Siemens/DPC Immulite 2000/2500	46	4.036	10.8	0.08
Tosoh	38	4.323	9.6	0.08
Ortho Vitros 3600/5600/ECi	34	10.410	5.4	0.12
Siemens Centaur CP	34	4.862	3.1	0.03
Roche Modular E170	24	4.937	4.6	0.06
SNIBE Maglumi analysers	23	3.123	19.5	0.16
Siemens/DPC Immulite 1000	19	3.933	15.4	0.17
Fujirebio Lumipulse G Series	7	4.737	5.3	0.12
Siemens Dimension Vista LOCI	4	4.142	4.3	0.11
Siemens Dimension	3	3.937	4.8	0.14
Abbott AxSYM	2	2.534	21.4	0.48
Brahms, RIA	2	6.194	23.0	1.26



Total T3, nmol/l

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	856	1.207	31.5	0.02	0.11	38
Roche Cobas 4000/e411	116	1.714	7.8	0.02	0.16	13

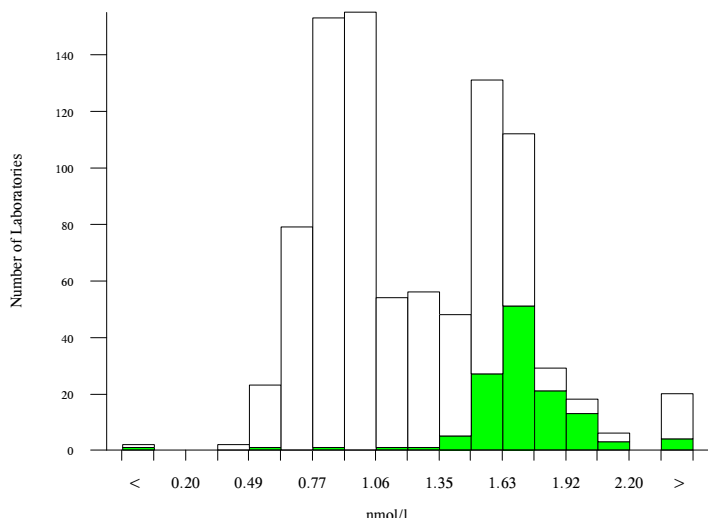
▲ Your Result	1.120	SDI	-3.77
		RMSDI	Too Few
■ Mean for Comparison	1.714	TS	14
		RMTS	Too Few
		%DEV	-34.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation **9.22%**

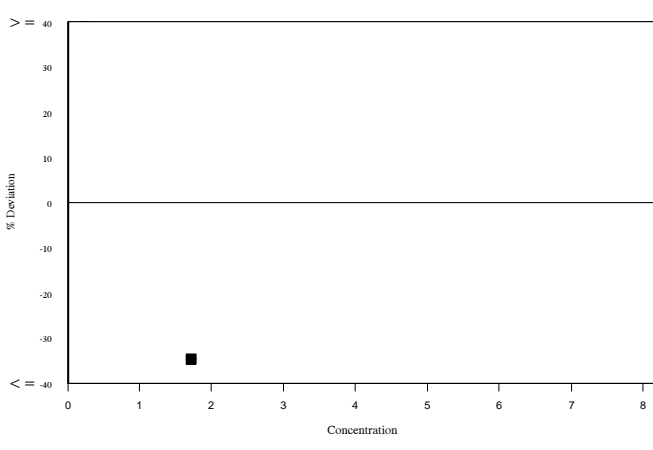
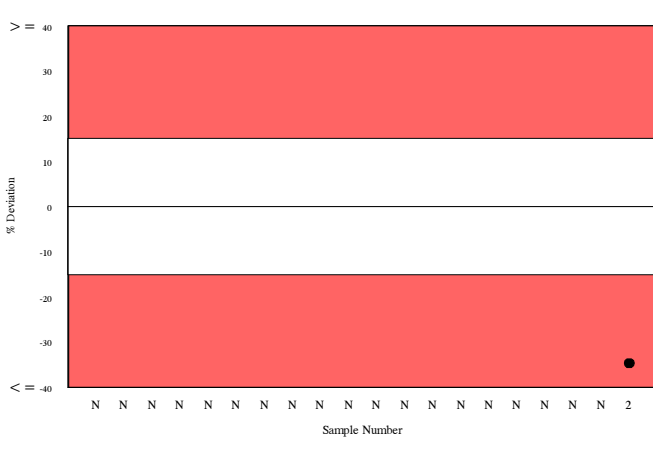
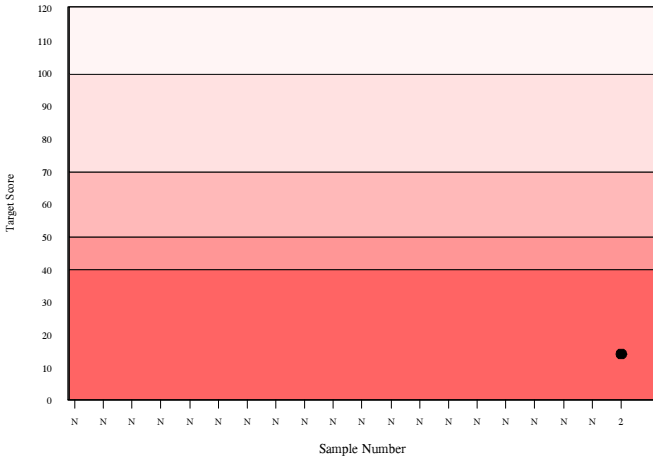
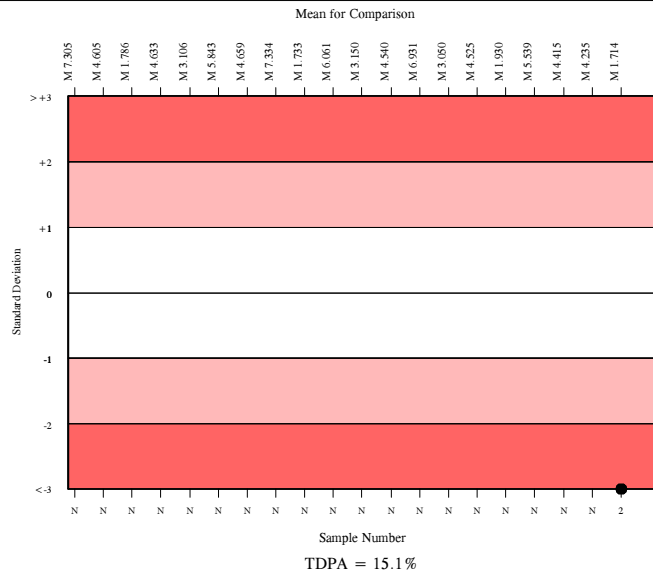
Acceptable limits of performance for RIQAS **15.10%**

SDI in bottom 5% of peer group

TS & %DEV outside limits



Method	N	Mean	CV%	U _m
Abbott Architect	179	0.932	11.1	0.01
Roche Cobas 6000/8000	160	1.597	5.7	0.01
Roche Cobas 4000/e411	116	1.714	7.8	0.02
Siemens Centaur XP/XPT/Classic	86	0.890	11.0	0.01
Ortho Vitros 3600/5600/ECi	34	1.314	3.7	0.01
Siemens/DPC Immulite 2000/2500	28	0.653	5.1	0.01
Beckman Dxl600 / 800	31	1.236	8.4	0.02
bioMerieux, VIDAS	29	0.845	15.1	0.03
Beckman Access/LXi725	27	1.219	20.8	0.06
Siemens Centaur CP	19	0.967	9.4	0.03
Siemens/DPC Immulite 1000	15	0.691	11.4	0.03
SNIBE Maglumi analysers	15	0.766	13.8	0.03
Roche Elecsys	13	1.702	8.3	0.05
Roche Modular E170	12	1.589	6.4	0.04
Tosoh	9	0.848	11.7	0.04
CIS, RIA coated tube	10	0.866	9.7	0.03
Diasorin Liaison	9	1.056	9.7	0.04
Immunotech RIA	8	0.789	8.7	0.03
Monobind Inc. ELISA	4	1.076	22.6	0.15
Fujirebio Lumipulse G Series	2	1.503	34.5	0.46



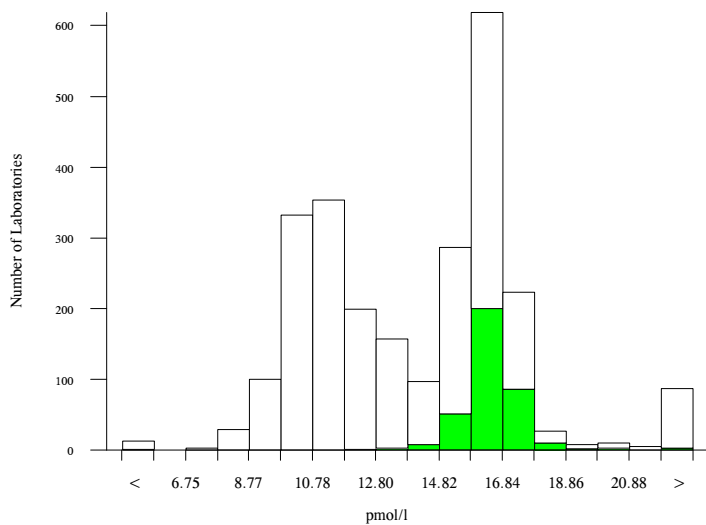
RIQAS

Free T4, pmol/l

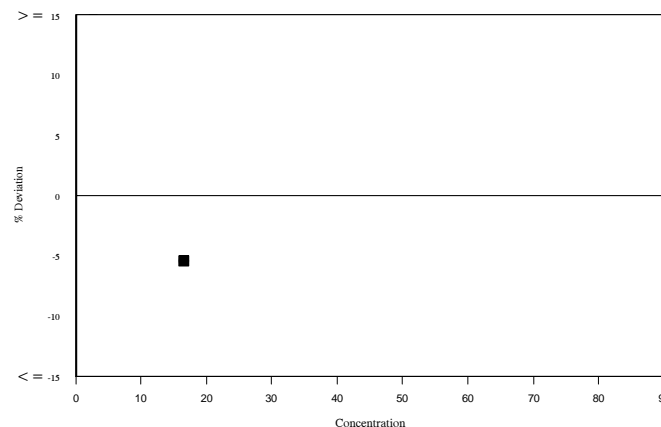
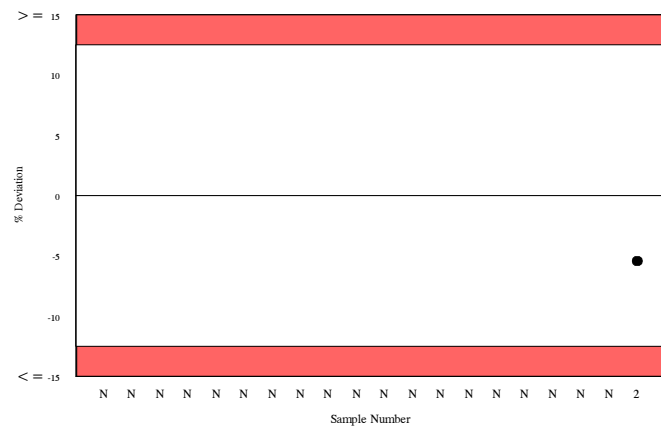
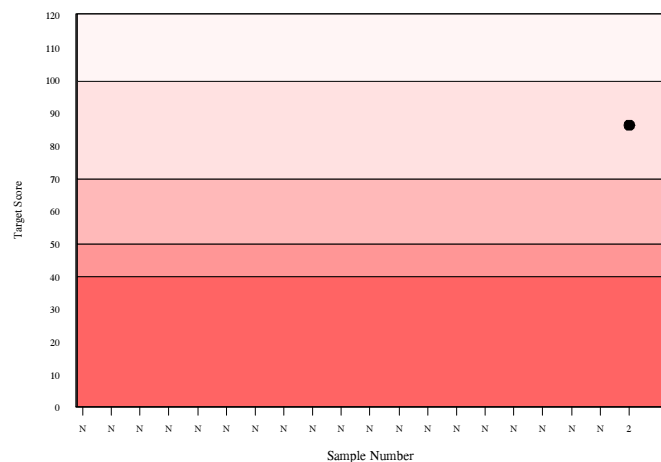
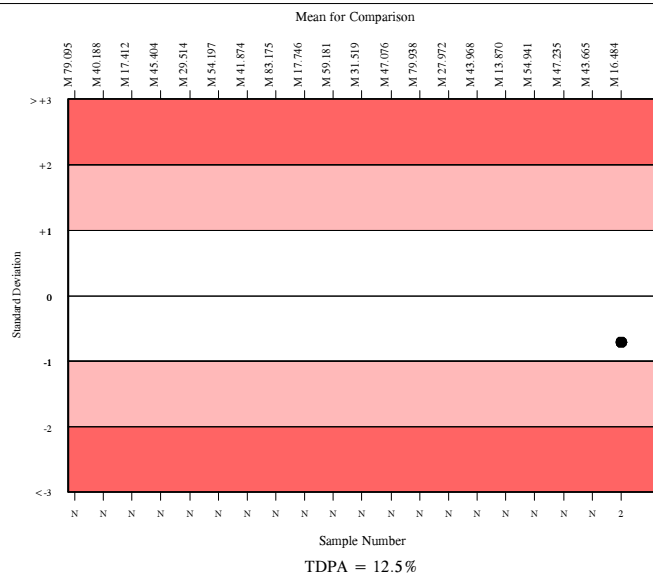
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2422	13.818	19.5	0.07	1.05	125
Roche Cobas 4000/e411	333	16.484	3.6	0.04	1.25	35

▲ Your Result	15.590	SDI	-0.71
		RMSDI	Too Few
■ Mean for Comparison	16.484	TS	86
		RMTS	Too Few
		%DEV	-5.4
		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	490	16.206	3.4	0.03
Abbott Architect	418	10.923	4.1	0.03
Roche Cobas 4000/e411	333	16.484	3.6	0.04
Siemens Centaur XP/XPT/Classic	265	10.037	8.4	0.06
Beckman DxI 600 / 800	200	12.377	6.4	0.07
Beckman Access/LXi725	95	12.611	5.3	0.09
Roche Elecsys	83	16.611	4.6	0.11
Siemens/DPC Immulite 2000/2500	65	16.131	4.8	0.12
Ortho Vitros 3600/5600/ECi	62	24.130	9.1	0.35
Diasorin Liaison	62	15.352	6.9	0.17
bioMerieux, VIDAS-FT4N Kit	53	13.789	6.1	0.14
Siemens Centaur CP	44	11.234	8.9	0.19
Tosoh	41	12.763	8.4	0.21
Siemens/DPC Immulite 1000	39	15.766	7.4	0.23
Roche Modular E170	24	15.943	2.5	0.10
SNIBE Maglumi analysers	19	15.827	6.0	0.27
CIS, RIA coated tube	8	14.352	8.4	0.53
Fujirebio Lumipulse G Series	9	9.591	2.8	0.11
Immunotech IRMA	8	14.535	5.3	0.34
Monobind Inc. ELISA / CLIA	6	9.869	14.3	0.72
Siemens Dimension Vista LOCI	4	13.293	4.6	0.38

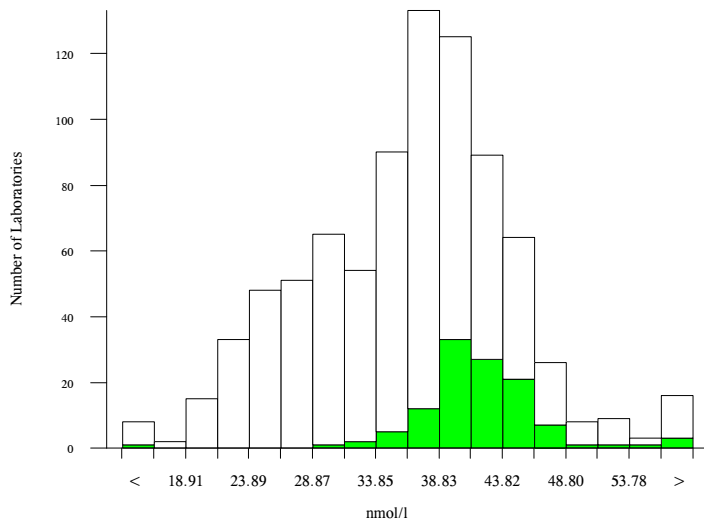


Total T4, nmol/l

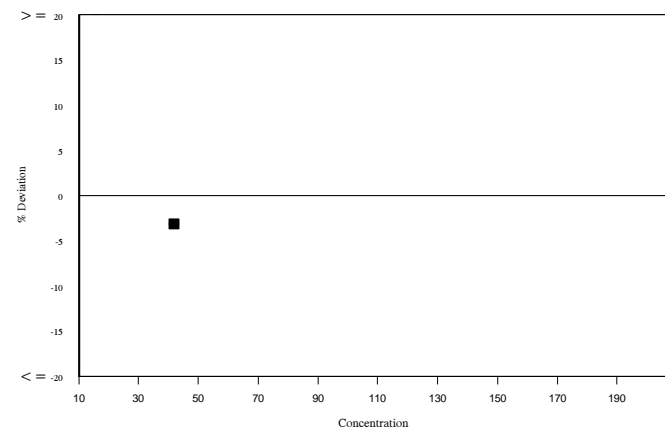
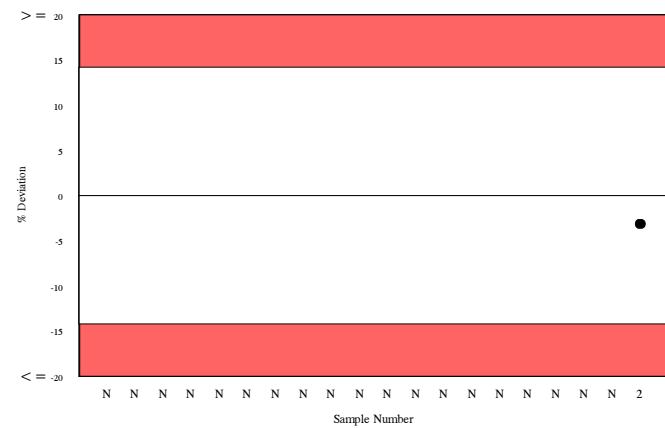
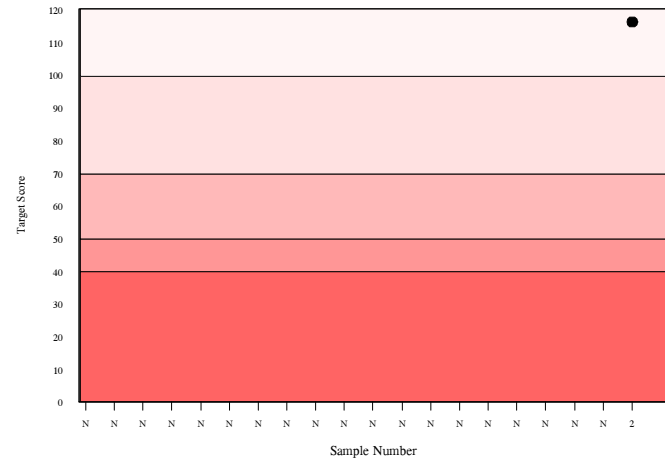
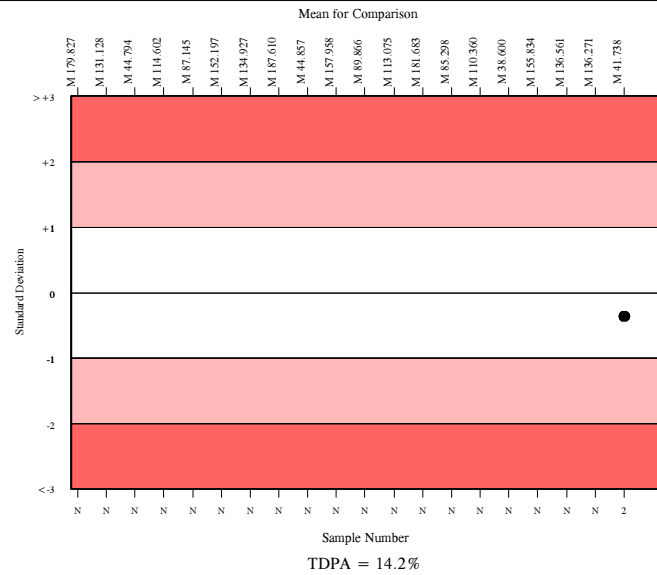
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	785	36.349	18.3	0.30	3.14	55
Roche Cobas 4000/e411	105	41.738	7.2	0.36	3.60	10

▲ Your Result	40.430	SDI	-0.36
		RMSDI	Too Few
■ Mean for Comparison	41.738	TS	116
		RMTS	Too Few
		%DEV	-3.1
		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	165	41.121	9.5	0.38
Roche Cobas 6000/8000	148	38.197	6.3	0.25
Roche Cobas 4000/e411	105	41.738	7.2	0.36
Siemens Centaur XP/XPT/Classic	78	29.501	14.2	0.59
Siemens/DPC Immulite 2000/2500	52	25.472	13.5	0.59
Ortho Vitros 3600/5600/ECi	31	30.825	5.2	0.36
bioMerieux, VIDAS	31	37.517	9.5	0.80
Beckman DxI 600 / 800	24	24.423	11.3	0.70
Beckman Access/LXi725	16	28.125	10.1	0.89
Siemens Centaur CP	18	26.616	15.4	1.20
Siemens/DPC Immulite 1000	16	25.900	14.5	1.17
SNIBE Maglumi analysers	14	42.967	11.9	1.71
Roche Elecsys	11	40.303	6.4	0.97
Roche Modular E170	11	38.366	7.9	1.14
Tosoh	9	28.090	7.0	0.82
Immunotech RIA	7	31.220	9.0	1.33
Diasorin Liaison	8	37.016	10.4	1.70
CIS, RIA coated tube	7	33.281	6.5	1.02
Monobind Inc. ELISA / CLIA	3	33.289	3.7	0.88
Fujirebio Lumipulse G Series	2	53.246	7.6	3.58
Human ELISA	2	40.430	6.9	2.46

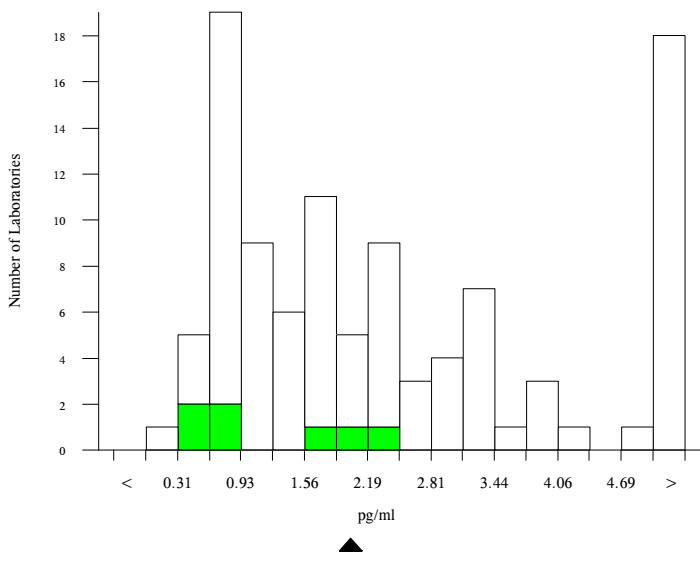


Free Testosterone (Pilot), pg/ml

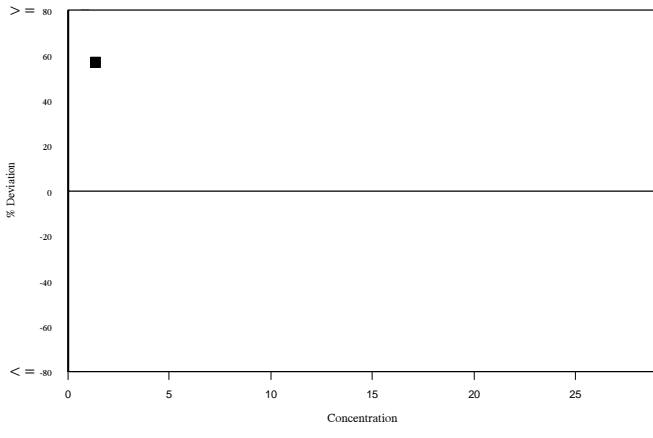
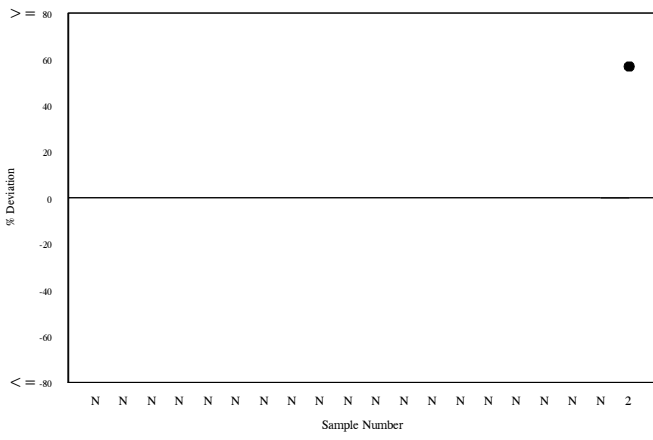
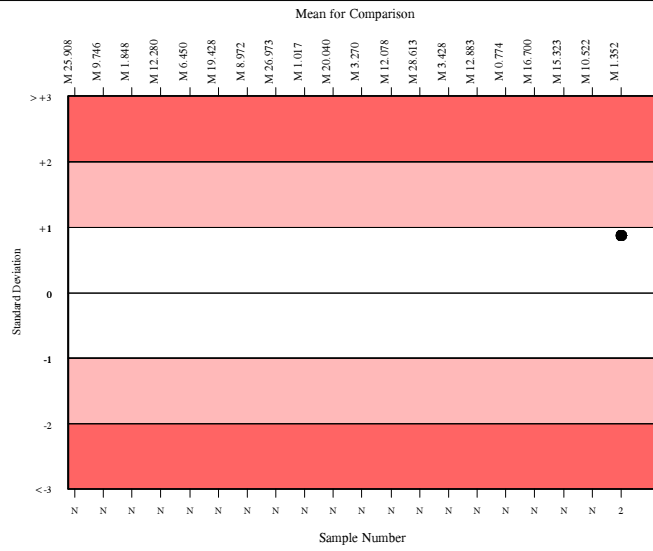
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	80	1.791	59.9	0.15	1.07	24
IBL ELISA	6	1.352	58.2	0.40	0.88a	1

▲ Your Result	2.120	SDI	0.87
		RMSDI	Too Few
■ Mean for Comparison	1.352	TS	N/A
		RMTS	N/A
		%DEV	56.8
		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	12	0.778	25.6	0.07
SNIBE Maglumi analysers	12	3.086	6.5	0.07
Monobind Inc. ELISA / CLIA	10	1.612	13.0	0.08
Calculated	9	15.130	9.2	0.58
DIAsource, RIA	8	2.033	25.0	0.22
IBL ELISA	6	1.352	58.2	0.40
Novatec ELISA	5	0.856	18.7	0.09
Diametra ELISA	4	0.760	34.5	0.16
ELISA	3	0.725	7.6	0.04
DSL/Beckman Coulter, RIA	4	1.794	11.7	0.13
Roche Cobas 6000/8000	2	13.559	3.2	0.38
DBC, ELISA	2	0.965	19.8	0.17
Roche Cobas 4000/e411	3	14.062	21.1	2.14
Diasorin, RIA	2	1.700	33.3	0.50
DIAsource ELISA	1	1.030	0.0	0.00

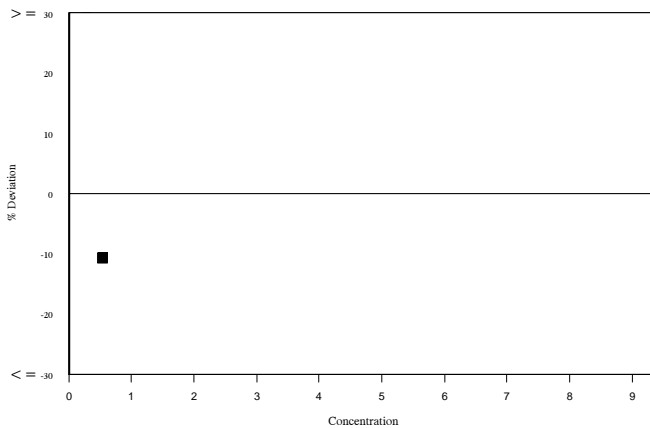
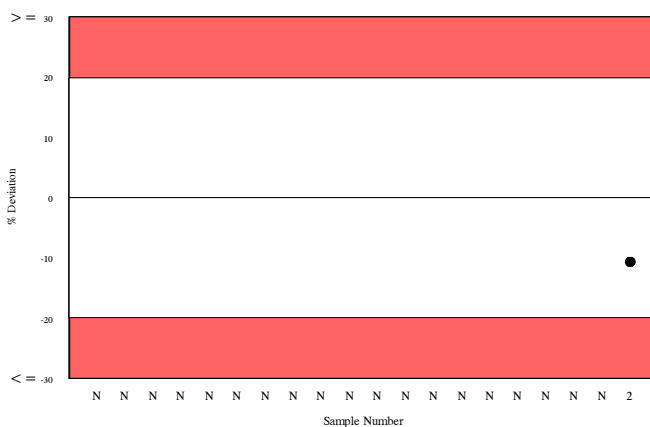
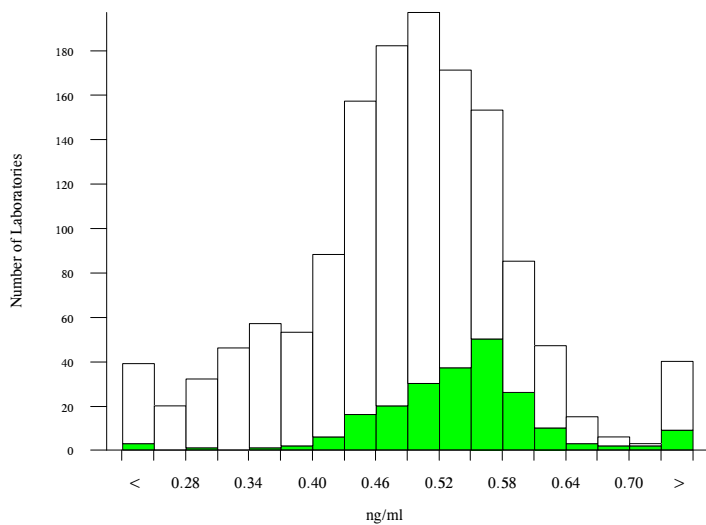
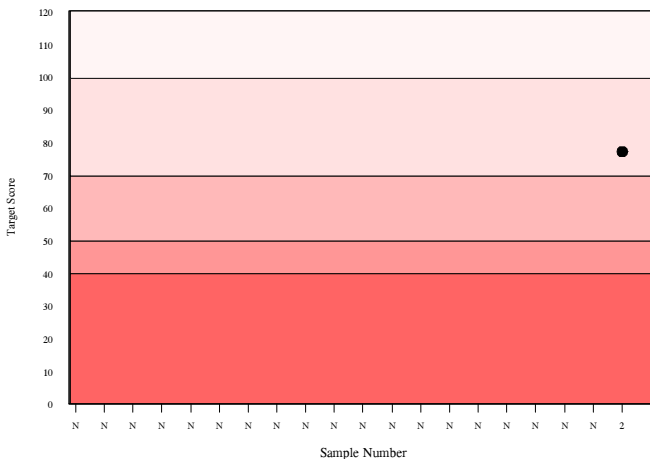
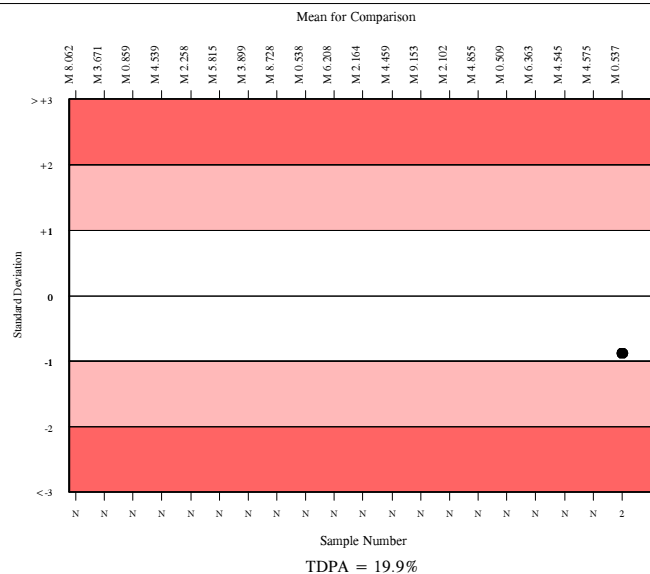


Testosterone, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1281	0.490	16.3	0.00	0.06	111
Roche Cobas 4000/e411 Test II	199	0.537	10.1	0.00	0.06	19

▲ Your Result	0.480	SDI	-0.88
		RMSDI	Too Few
■ Mean for Comparison	0.537	TS	77
		RMTS	Too Few
		%DEV	-10.7
		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	276	0.533	8.8	0.00
Roche Cobas 4000/e411 Test II	199	0.537	10.1	0.00
Abbott Architect	149	0.460	7.7	0.00
Siemens Centaur XP/XPT/Classic	129	0.464	17.5	0.01
Beckman DxI 600 / 800	112	0.507	10.2	0.01
Abbott Architect 2nd gen	62	0.468	7.6	0.01
Siemens/DPC Immulite 2000/2500	56	0.416	18.6	0.01
Roche Elecsys Test II	49	0.547	9.2	0.01
bioMerieux VIDAS Testosterone II	44	0.343	9.7	0.01
Beckman Access/LXi725	35	0.530	9.2	0.01
bioMerieux, VIDAS	25	0.348	12.5	0.01
TOSOH	25	0.316	21.8	0.02
Ortho Vitros 3600/5600/ECi	23	0.356	9.3	0.01
Roche Modular E170 Test II	20	0.545	8.6	0.01
SNIBE Maglumi analysers	18	0.223	22.3	0.01
Diasorin Liaison	14	0.297	31.5	0.03
Siemens/DPC Immulite 1000	10	0.491	17.1	0.03
Siemens Centaur CP	8	0.509	25.1	0.06
CIS, RIA Coated tube	5	0.479	32.2	0.09
Fujirebio Lumipulse G Series	5	0.424	13.5	0.03
Abbott AxSYM	2	0.423	11.2	0.04



RIQAS

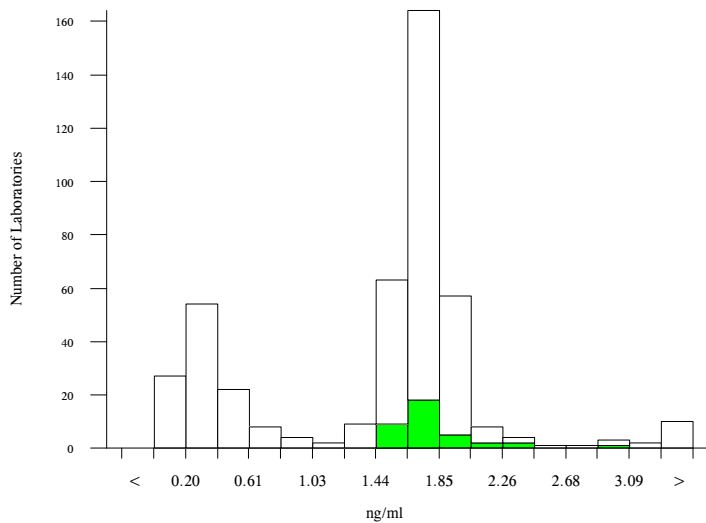
0010

Thyroglobulin, ng/ml

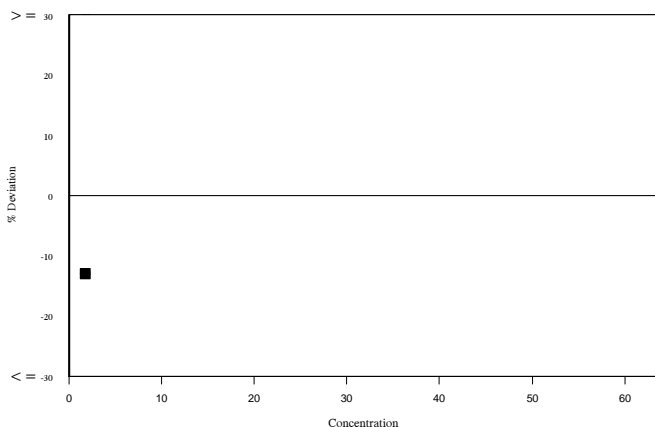
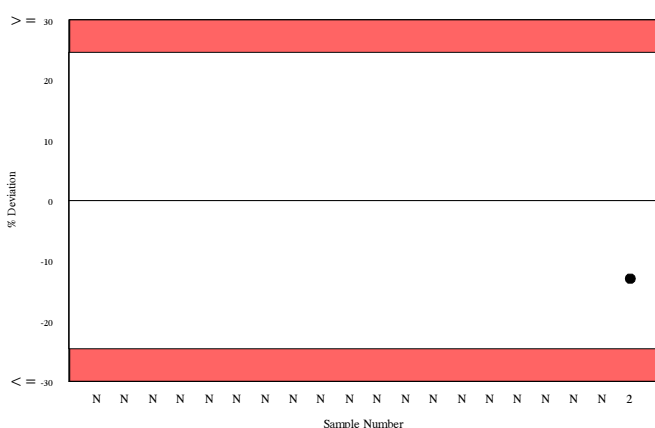
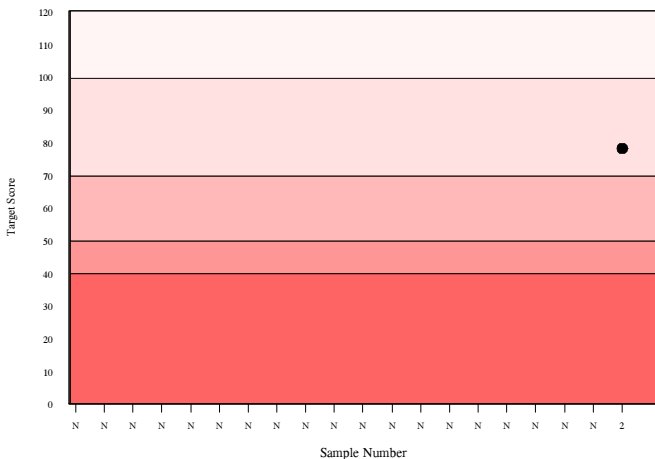
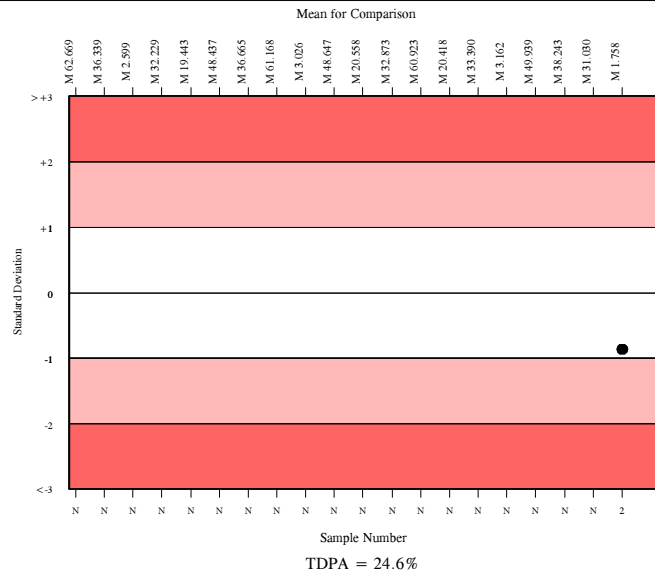
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	421	1.385	46.1	0.04	0.21	49
Roche Cobas 4000/e411 TgII	33	1.758	8.7	0.03	0.26	4

▲ Your Result	1.530	SDI	-0.87
		RMSDI	Too Few
■ Mean for Comparison	1.758	TS	78
		RMTS	Too Few
		%DEV	-13.0
		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	79	0.351	34.8	0.02
Roche Cobas 6000/8000 Tg II	62	1.749	4.5	0.01
Roche Cobas 6000/8000	47	1.742	6.1	0.02
Beckman Dxi 600 / 800	39	1.675	8.4	0.03
Roche Cobas 4000/e411	34	1.771	8.0	0.03
Roche Cobas 4000/e411 TgII	33	1.758	8.7	0.03
Diasorin Liaison	11	0.228	30.3	0.03
Tosoh	15	1.881	5.7	0.03
DPC Immulite 1000	11	0.299	29.0	0.03
Beckman Access	14	1.781	7.1	0.04
CIS, RIA coated tube	11	2.313	24.0	0.21
SNIBE Maglumi analysers	1	1.370	0.0	0.00
Roche Elecsys	10	1.784	8.0	0.06
Roche Modular E170 Tg II	6	1.728	4.9	0.04
Roche Elecsys Tg II	5	1.758	6.3	0.06
Roche Modular E170	4	1.678	3.6	0.04
Abbott Architect 2000i	1	1.000	0.0	0.00
Diesse, Chorus	2	1.400	40.4	0.50
ELISA	1	0.678	0.0	0.00

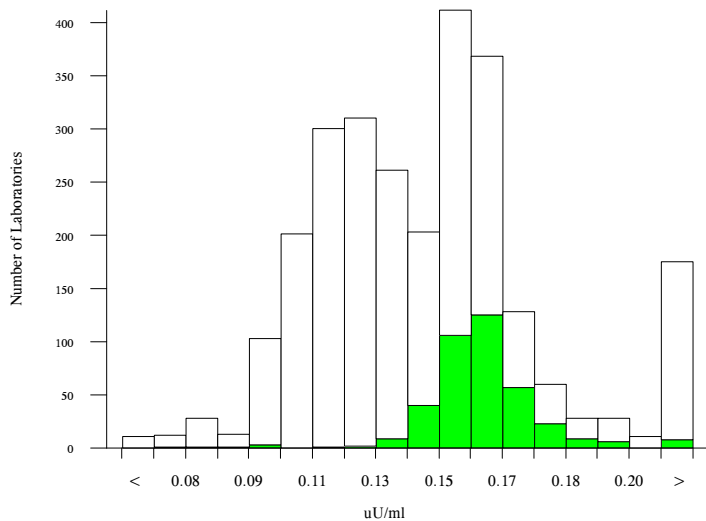


TSH, uU/ml

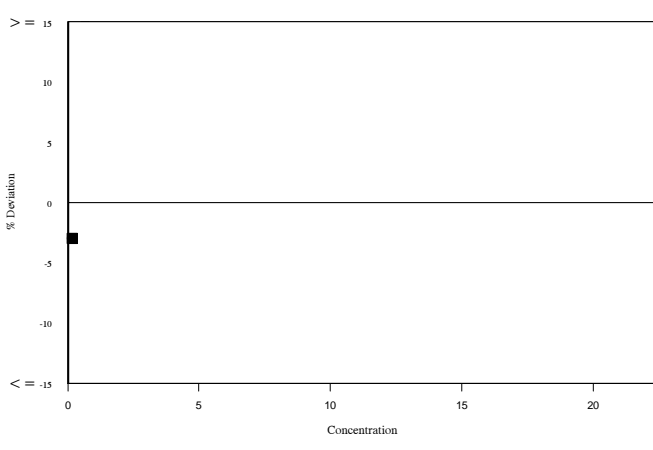
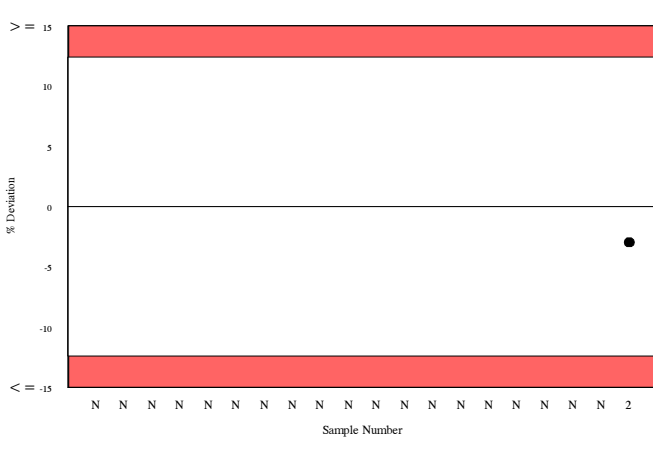
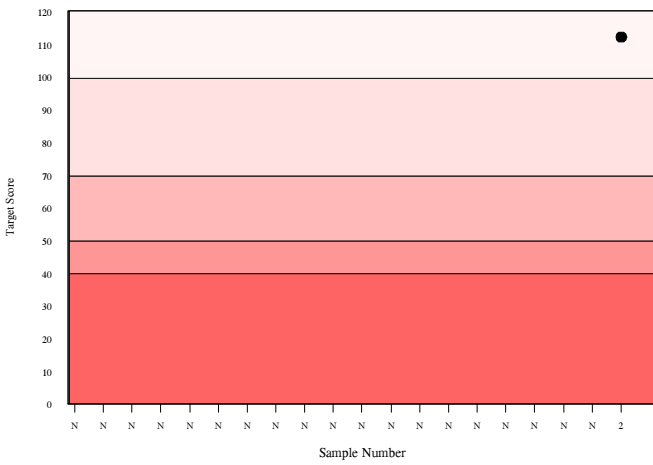
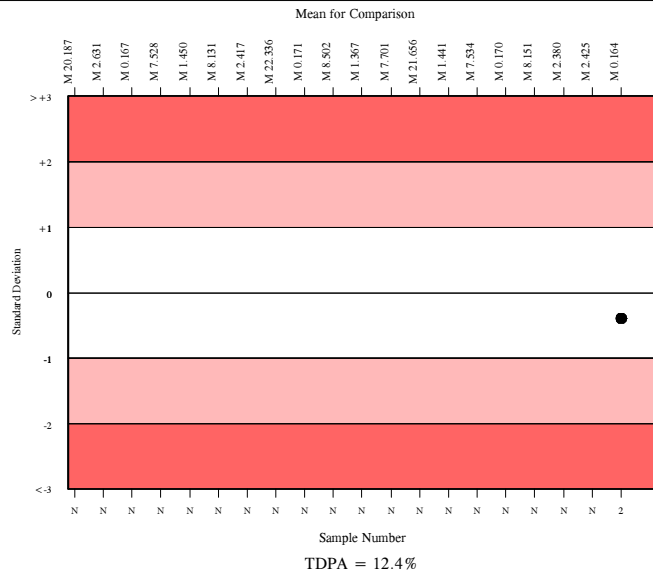
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2445	0.144	16.4	0.00	0.01	208
Roche Cobas 4000/e411	359	0.164	5.8	0.00	0.01	33

▲ Your Result	0.159	SDI	-0.39
		RMSDI	Too Few
■ Mean for Comparison	0.164	TS	112
		RMTS	Too Few
		%DEV	-3.0
		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	503	0.162	4.4	0.00
Abbott Architect	425	0.126	5.5	0.00
Roche Cobas 4000/e411	359	0.164	5.8	0.00
Siemens Centaur XP/Classic TSH3-Ultra	134	0.139	4.6	0.00
Siemens Centaur XP/XPT/Classic	105	0.135	7.5	0.00
Beckman DxI600/800 Hyper TSH	100	0.113	6.1	0.00
Access/LXi725 hyper TSH 3rd gen	85	0.121	8.8	0.00
Roche Elecsys	77	0.164	6.0	0.00
Siemens/DPC Immulite 2000/2500	66	0.135	8.8	0.00
Ortho Vitros 3600/5600/ECi	67	0.259	12.1	0.00
Beckman DXI600/800 Access(3rd IS)	52	0.113	4.2	0.00
bioMerieux, VIDAS, TSH	52	0.096	11.1	0.00
Diasorin Liaison	54	0.188	19.6	0.01
Tosoh	47	0.153	11.4	0.00
Siemens/DPC Immulite 1000	42	0.158	10.3	0.00
Beckman DxI600/800 Fast TSH	34	0.112	8.0	0.00
Siemens Centaur CP	28	0.137	8.3	0.00
Roche Modular E170	25	0.162	2.9	0.00
Siemens Centaur CP TSH3-Ultra	18	0.144	3.8	0.00
SNIBE Maglumi analysers	20	0.206	32.2	0.02
Siemens Centaur XP/Classic 3rdGeneration	18	0.126	11.0	0.00

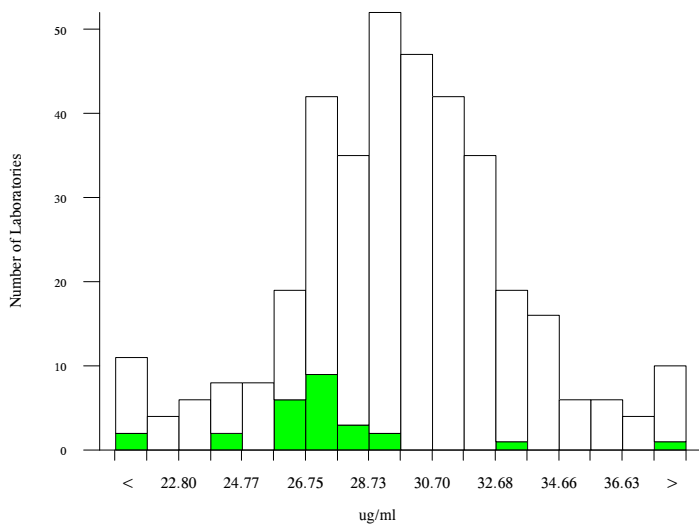


Valproic acid, ug/ml

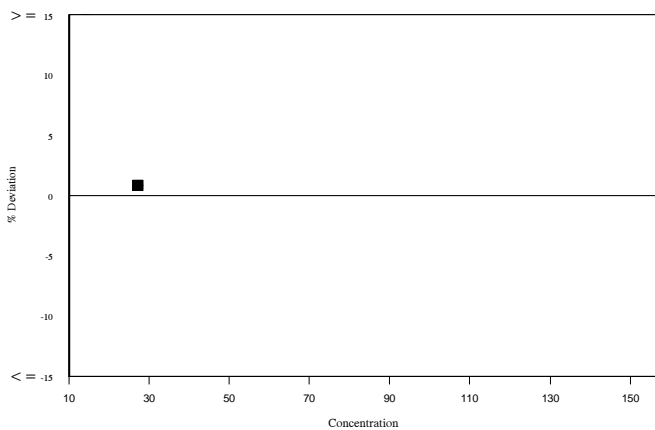
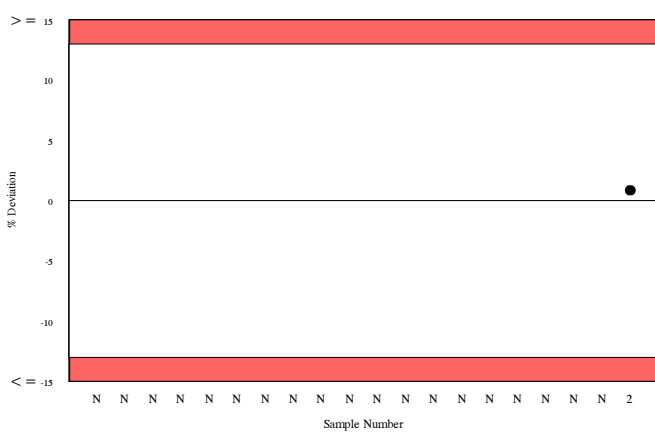
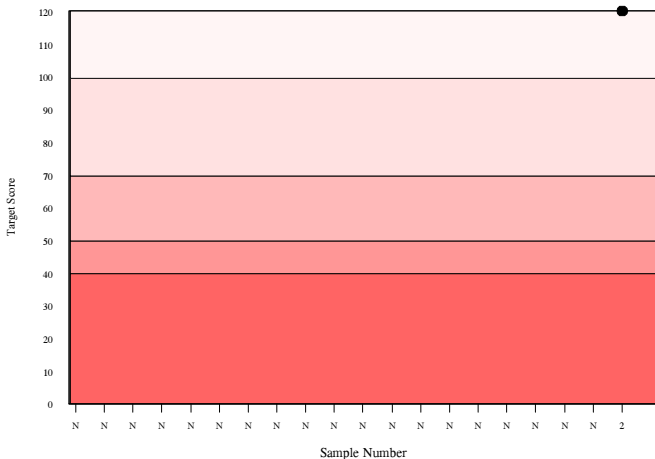
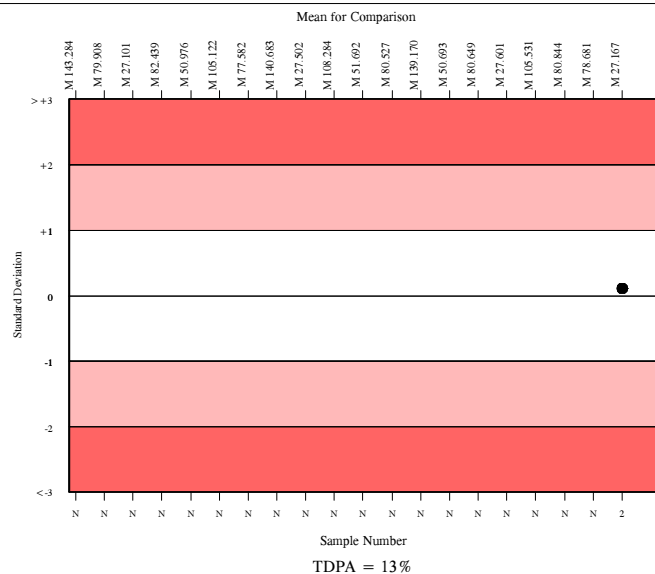
	N	Mean	CV%	U _m	SDPA	Exc.
<input type="checkbox"/> All Methods	337	29.720	8.9	0.18	2.35	33
<input checked="" type="checkbox"/> Siemens/DPC Immulite 2000/2500	21	27.167	4.0	0.30	2.15	5

<input checked="" type="checkbox"/> Your Result	27.400	SDI	0.11
		RMSDI	Too Few
<input checked="" type="checkbox"/> Mean for Comparison	27.167	TS	120
		RMTS	Too Few
		%DEV	0.9
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Abbott Architect	114	30.822	9.2	0.33
Roche Cobas 6000/8000	63	29.637	8.6	0.40
Siemens Centaur XP/XPT/Classic	27	30.534	5.0	0.37
Siemens/DPC Immulite 2000/2500	21	27.167	4.0	0.30
Beckman AU400/600/640/2700/5400	21	28.376	3.7	0.28
Roche Integra	17	28.651	4.9	0.42
Siemens Dimension	19	29.963	6.1	0.53
Siemens/DPC Immulite 1000	14	29.639	5.5	0.54
Beckman DxC	11	25.661	18.9	1.83
Ortho Vitros 4600/5600/5.1	6	23.284	15.0	1.79
Siemens Advia 1200/1650/1800/2400	5	32.670	6.7	1.22
Roche Cobas 4000/c311	5	30.500	11.1	1.89
Abbott AxSYM	3	27.720	15.9	3.18
Siemens Syva/Emit	3	32.867	14.1	3.34
Siemens Centaur CP	3	35.277	21.7	5.53
Roche Modular P/D	2	30.050	1.2	0.31
Randox RX Series	2	34.320	50.8	15.40

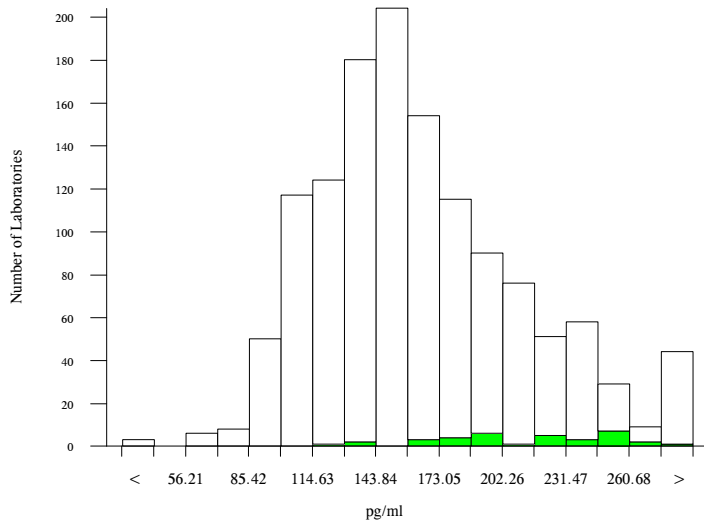


Vitamin B12, pg/ml

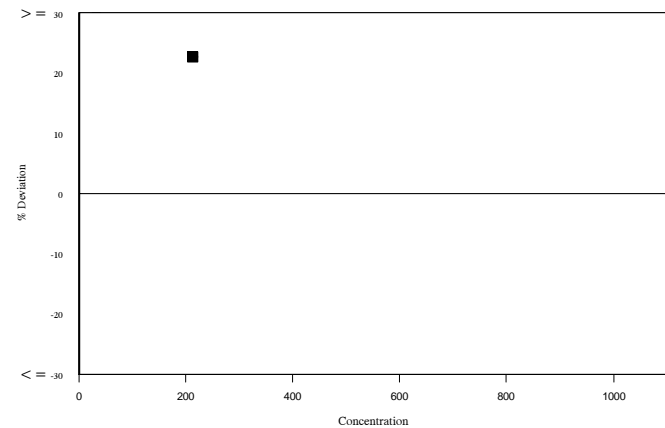
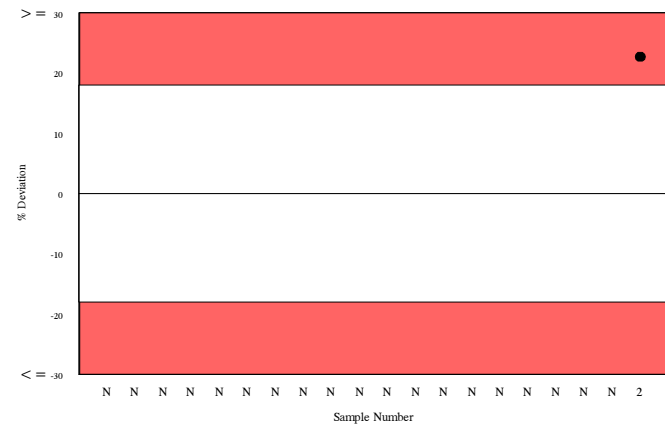
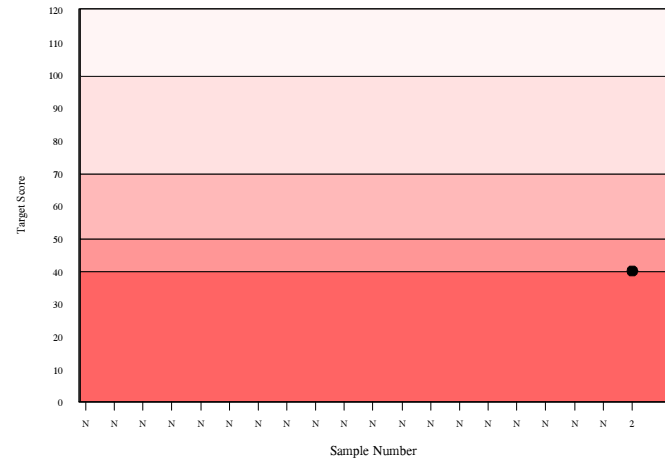
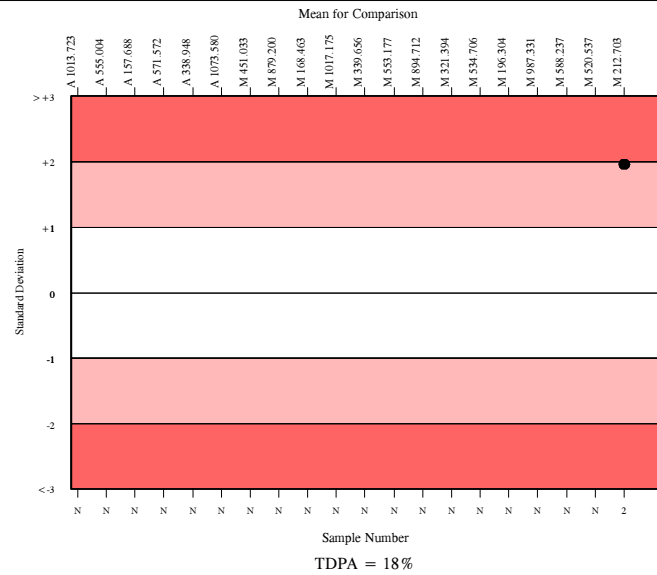
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1236	158.450	24.6	1.38	17.34	101
Roche Cobas 4000/e411 Gen II	33	212.703	17.8	8.23	24.69a	2

▲ Your Result	261.000	SDI	1.96
		RMSDI	Too Few
■ Mean for Comparison	212.703	TS	40
		RMTS	Too Few
		%DEV	22.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	30%
Acceptable limits of performance for RIQAS	18.00%
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Abbott Architect	249	186.791	17.4	2.58
Roche Cobas 6000/8000	214	146.462	13.6	1.70
Roche Cobas 4000/e411	162	198.880	20.0	3.91
Siemens Centaur XP/XPT/Classic	156	155.207	15.1	2.34
Beckman DxI 600 / 800	143	111.474	11.0	1.28
Roche Cobas 6000/8000 Gen II	59	140.674	9.9	2.27
Beckman Access/LXi725	49	114.501	10.5	2.15
Siemens/DPC Immulite 2000	18	149.998	0.0	0.00
Roche Elecsys	34	199.628	28.6	12.26
Roche Cobas 4000/e411 Gen II	33	212.703	17.8	8.23
Ortho Vitros 3600/5600/ECi	24	173.739	7.4	3.26
Roche Modular E170	19	147.326	11.4	4.80
Siemens Centaur CP	11	151.146	5.3	3.00
SNIBE Maglumi analysers	10	235.598	1.2	1.08
TOSOH	11	174.263	17.3	11.36
Siemens Dimension	5	125.609	9.4	6.63
MP Biomedicals RIA	5	114.704	18.1	11.61
Siemens/DPC Immulite 1000	3	163.333	44.2	52.13
Roche Modular E170 Gen II	3	157.700	15.7	17.85
Abbott AxSYM	2	185.050	1.9	3.06

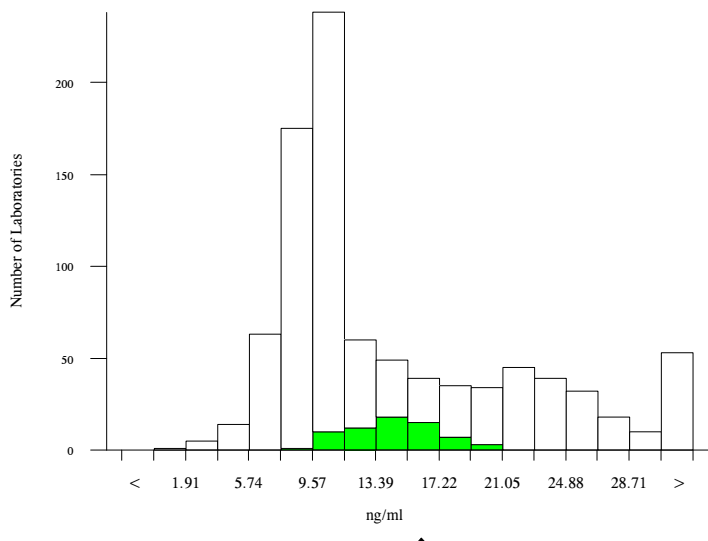
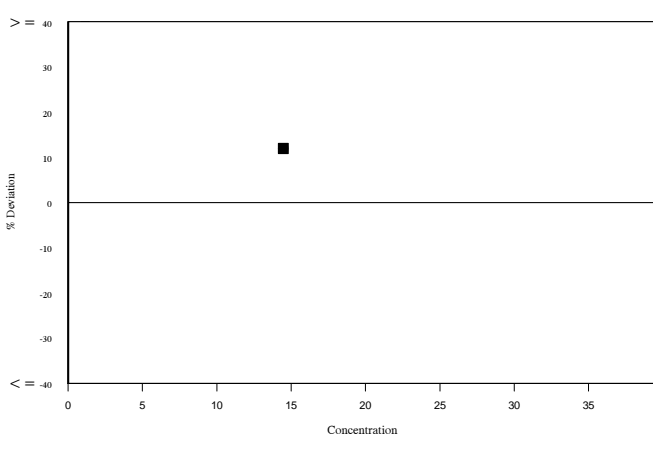
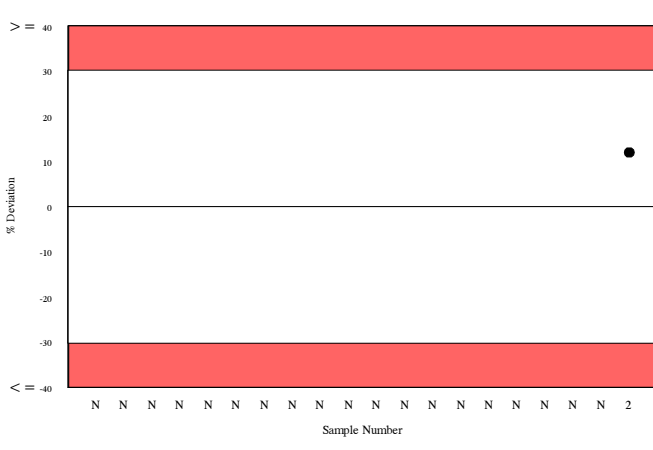
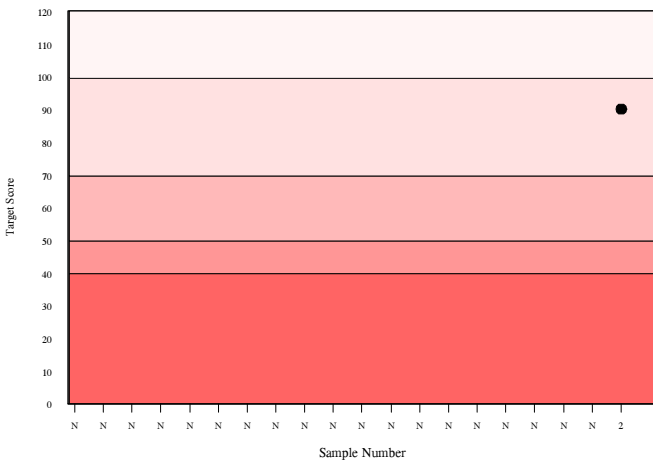
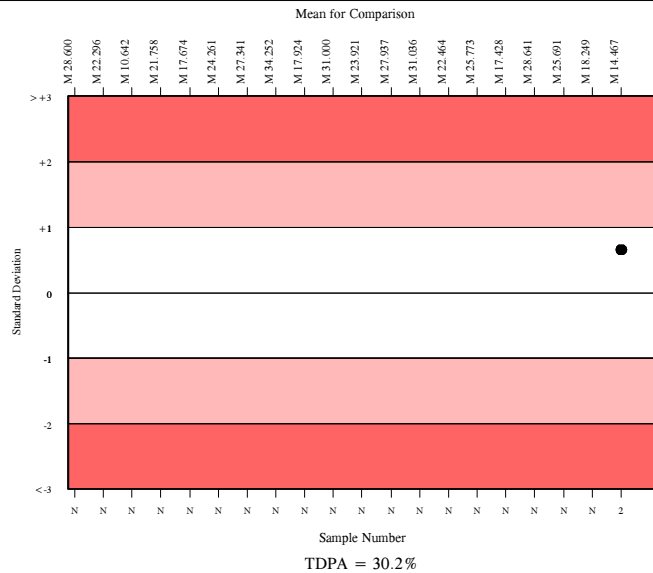


25-OH-Vitamin D, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	842	13.115	44.5	0.25	2.41	73
bioMerieux Vidas/mini Vidas/Vidas 3	63	14.467	17.0	0.39	2.66	4

▲ Your Result	16.200	SDI	0.65
		RMSDI	Too Few
■ Mean for Comparison	14.467	TS	90
		RMTS	Too Few
		%DEV	12.0
		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	310	9.238	18.6	0.12
Abbott Architect	168	9.885	7.2	0.07
Siemens Centaur XP/XPT/Classic	77	20.753	22.0	0.65
bioMerieux Vidas/mini Vidas/Vidas 3	63	14.467	17.0	0.39
Beckman DxI 600 /800	62	21.435	14.9	0.51
Diasorin Liaison	60	24.184	11.5	0.45
Ortho Vitros 3600/5600/ECi	24	38.726	13.2	1.30
SNIBE Maglumi Analyser	12	33.938	3.4	0.41
Beckman Access 25 OH Vitamin D Total	14	22.966	16.6	1.27
Fujirebio Lumipulse G Series	9	8.556	29.8	1.06
TOSOH	7	15.184	7.2	0.51
IDS iSYS	3	7.571	10.7	0.59
HPLC/UPLC	3	8.970	18.4	1.19
DIAsource, RIA	2	8.595	15.5	1.18
ELISA	2	8.710	38.8	2.99
LC/MS	3	12.923	25.0	2.34
Diesse,Chorus	2	10.850	28.0	2.69
Orgentec Alegria Elisa	1	12.500	0.0	0.00



RIQAS

Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	22.632	25.190	0.57	Too Few	11.3	Too Few	N/A	N/A	
AFP	12.060	10.730	-1.20	Too Few	-11.0	Too Few	64	Too Few	
Aldosterone	78.050	89.100	0.53	Too Few	14.2	Too Few	N/A	N/A	
Androstenedione (Pilot)	1.302	1.270	-0.28	Too Few	-2.4	Too Few	N/A	N/A	
Beta-2-Microglobulin	1.075	0.883	-1.70	Too Few	<u>-17.8</u>	Too Few	<u>49</u>	Too Few	
CA 125	20.714	22.170	0.89	Too Few	7.0	Too Few	77	Too Few	
CA 15-3	20.976	20.790	-0.10	Too Few	-0.9	Too Few	120	Too Few	
CA 19-9	19.727	19.320	-0.21	Too Few	-2.1	Too Few	120	Too Few	
CEA	4.143	3.600	-1.60	Too Few	-13.1	Too Few	51	Too Few	
Cortisol	181.841	180.800	-0.06	Too Few	-0.6	Too Few	120	Too Few	
C-Peptide	2.035	4.530	<u>6.70</u>	Too Few	<u>122.6</u>	Too Few	<u>10</u>	Too Few	▲
DHEA-S	130.141	110.800	-1.33	Too Few	-14.9	Too Few	59	Too Few	
Digoxin	0.532	0.400	<u>-2.10</u>	Too Few	<u>-24.9</u>	Too Few	<u>37</u>	Too Few	▲
Ferritin	19.417	19.190	-0.14	Too Few	-1.2	Too Few	120	Too Few	
Folate	2.081	3.040	1.58	Too Few	<u>46.1</u>	Too Few	<u>13</u>	Too Few	
FSH	5.288	5.260	-0.07	Too Few	-0.5	Too Few	120	Too Few	
GH	1.550	1.610	0.31	Too Few	3.9	Too Few	120	Too Few	
hCG	13.625	11.790	-1.59	Too Few	-13.5	Too Few	51	Too Few	
IgE	245.180	244.200	-0.05	Too Few	-0.4	Too Few	120	Too Few	
Insulin	1.378	1.120	-1.58	Too Few	-18.7	Too Few	52	Too Few	
LH	3.590	4.040	1.72	Too Few	<u>12.5</u>	Too Few	<u>48</u>	Too Few	
Oestradiol	39.847	36.850	-0.73	Too Few	-7.5	Too Few	85	Too Few	
17-OH-Progesterone	0.860	0.900	0.17	Too Few	4.7	Too Few	N/A	N/A	
Progesterone	0.927	0.893	-0.33	Too Few	-3.6	Too Few	120	Too Few	
Prolactin	153.487	139.800	-0.62	Too Few	-8.9	Too Few	92	Too Few	
PSA, Free	1.464	1.390	-0.71	Too Few	-5.1	Too Few	86	Too Few	
PSA, Total	2.161	1.830	<u>-2.05</u>	Too Few	<u>-15.3</u>	Too Few	<u>40</u>	Too Few	▲
Parathyroid hormone	40.078	35.700	-0.50	Too Few	-10.9	Too Few	N/A	N/A	
Sex Hormone Binding Globulin	10.854	9.540	-1.49	Too Few	-12.1	Too Few	54	Too Few	
Free T3	5.213	4.870	-0.76	Too Few	-6.6	Too Few	83	Too Few	
Total T3	1.714	1.120	<u>-3.77</u>	Too Few	<u>-34.6</u>	Too Few	<u>14</u>	Too Few	▲
Free T4	16.484	15.590	-0.71	Too Few	-5.4	Too Few	86	Too Few	
Total T4	41.738	40.430	-0.36	Too Few	-3.1	Too Few	116	Too Few	
Free Testosterone (Pilot)	1.352	2.120	0.87	Too Few	56.8	Too Few	N/A	N/A	
Testosterone	0.537	0.480	-0.88	Too Few	-10.7	Too Few	77	Too Few	
Thyroglobulin	1.758	1.530	-0.87	Too Few	-13.0	Too Few	78	Too Few	
TSH	0.164	0.159	-0.39	Too Few	-3.0	Too Few	112	Too Few	
Valproic acid	27.167	27.400	0.11	Too Few	0.9	Too Few	120	Too Few	
Vitamin B12	212.703	261.000	1.96	Too Few	<u>22.7</u>	Too Few	<u>40</u>	Too Few	
25-OH-Vitamin D	14.467	16.200	0.65	Too Few	12.0	Too Few	90	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

END OF REPORT