

Dena Laboratory

MONTHLY IMMUNOASSAY

CYCLE 15 SAMPLE 3

Explanation of codes used in this report

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

Authorised by: Stephen Doherty, RIQAS Manager

Issue No: 1

Issue Date: 31/03/2017

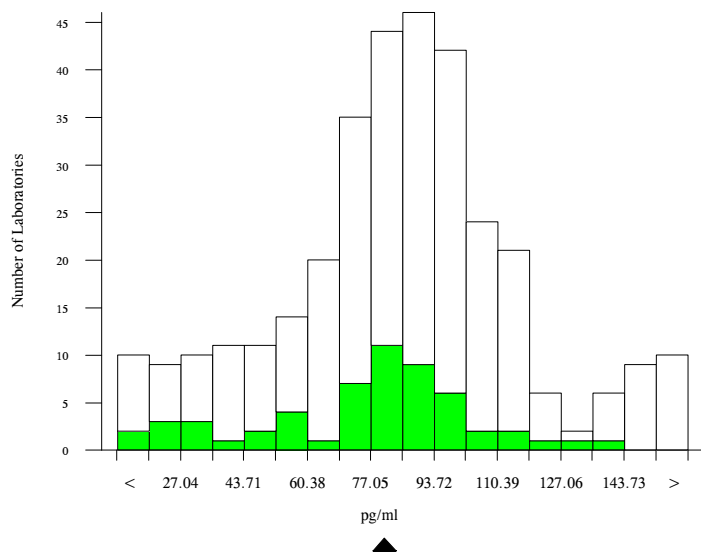
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ACTH, pg/ml

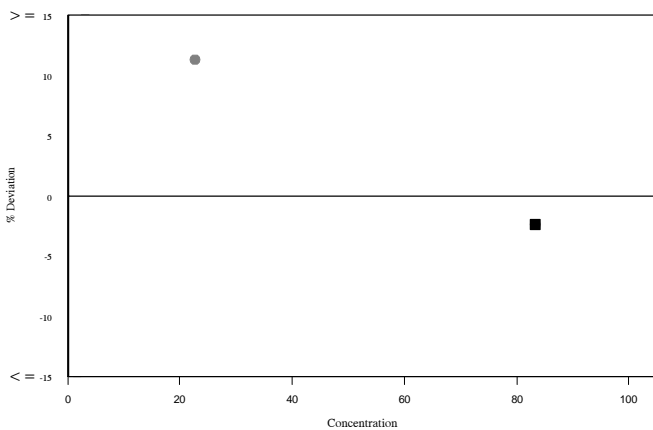
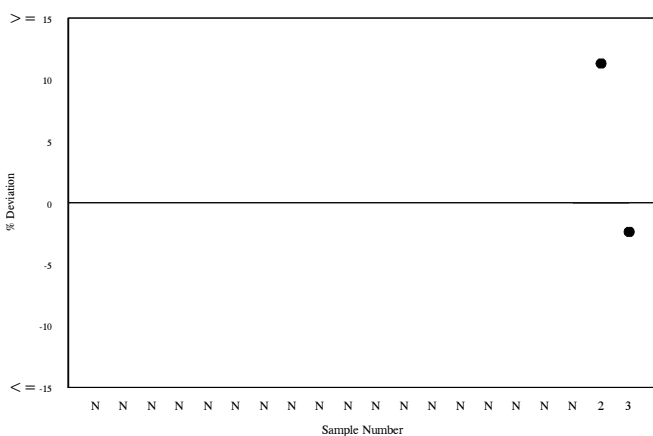
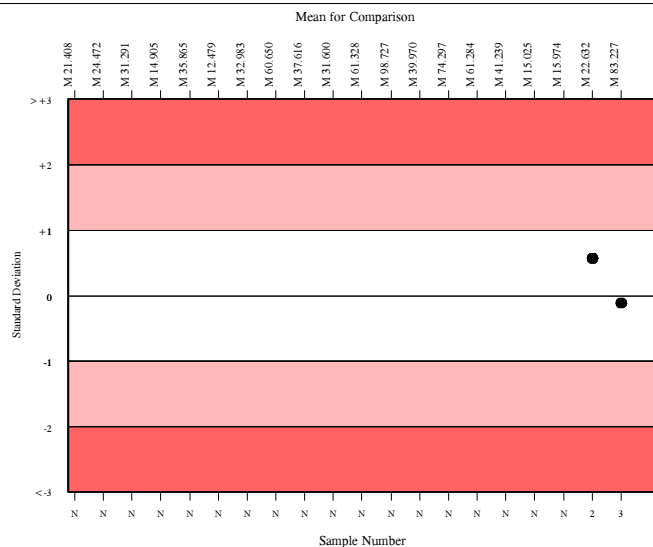
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	284	85.389	26.0	1.65	22.23	46
Roche Cobas 4000/e411	45	83.227	20.4	3.16	16.96	11

▲ Your Result	81.260	SDI RMSDI	-0.12 Too Few
■ Mean for Comparison	83.227	TS RMTS	N/A N/A
		%DEV RM%DEV	-2.4 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	104	83.806	23.7	2.44
Roche Cobas 6000/8000	58	83.519	20.4	2.79
Roche Cobas 4000/e411	45	83.227	20.4	3.16
Siemens/DPC Immulite 1000	25	89.499	18.6	4.16
Diasorin Liaison	20	102.354	31.8	9.11
SNIBE Maglumi analysers	13	144.249	4.4	2.20
Roche Elecsys	5	97.372	23.5	12.77
Roche Modular E170	4	65.464	60.3	24.67
TOSOH	5	80.494	20.9	9.41
CIS, IRMA	3	121.767	39.4	34.64

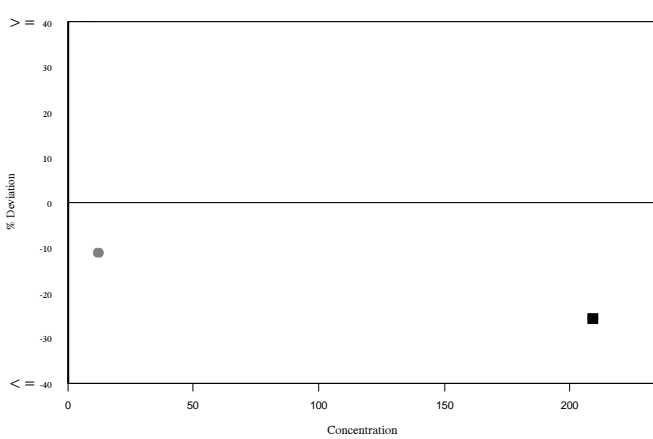
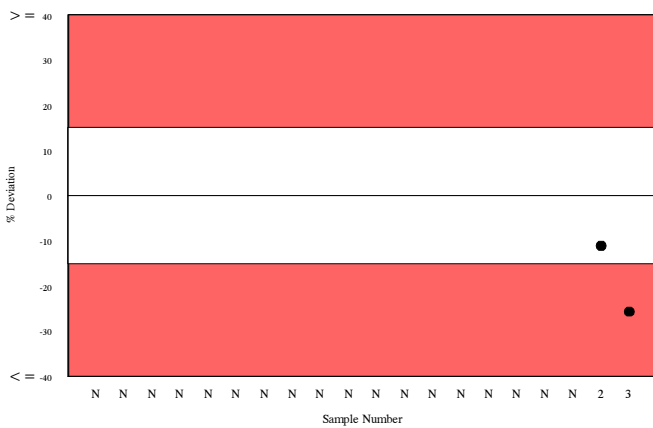
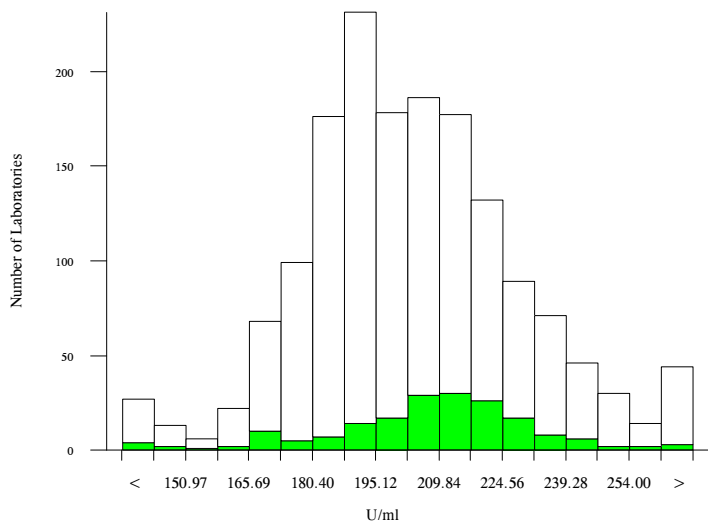
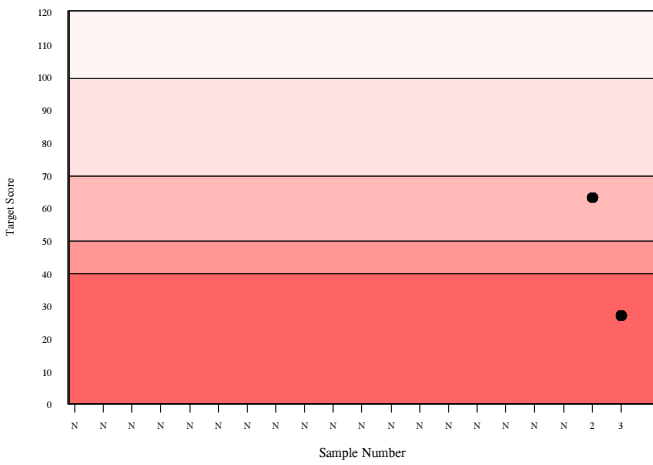
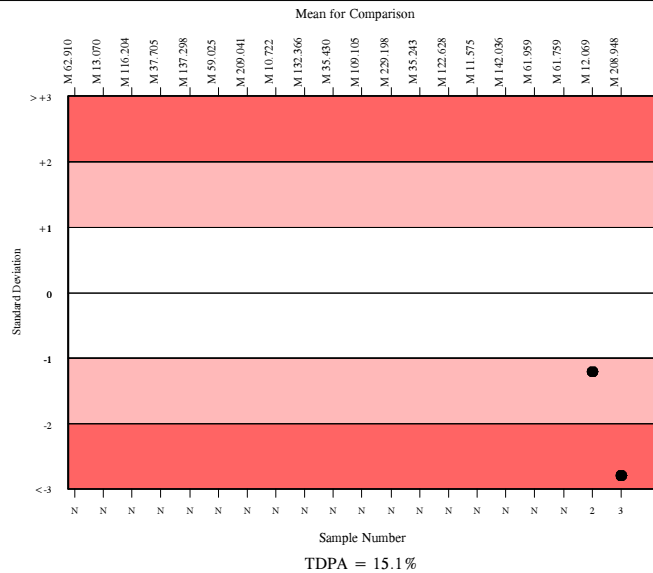


AFP, U/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1489	202.487	9.7	0.64	18.59	120
Roche Cobas 4000/e411	170	208.948	8.9	1.77	19.18	15

▲ Your Result	155.300	SDI	-2.80
		RMSDI	Too Few
■ Mean for Comparison	208.948	TS	27
		RMTS	Too Few
		%DEV	-25.7
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	314	209.401	5.0	0.74
Abbott Architect	291	187.997	3.9	0.54
Roche Cobas 4000/e411	170	208.948	8.9	1.77
Siemens Centaur XP/XPT/Classic	151	232.670	5.5	1.30
Beckman DxI 600 / 800	140	190.281	7.6	1.52
Siemens/DPC Immulite 2000/2500	62	182.104	7.2	2.08
bioMerieux, Vidas/Mini Vidas	50	194.481	9.7	3.34
Roche Elecsys	50	208.836	8.8	3.26
Beckman Access/LXi725	37	201.043	7.7	3.19
DiaSorin, Liaison	30	212.437	8.7	4.22
Tosoh	24	178.317	6.7	3.06
Ortho Vitros 3600/5600/ECi	26	240.212	10.5	6.15
Siemens Centaur CP	20	231.603	5.9	3.83
Roche Modular E170	20	211.133	3.3	1.97
SNIBE Maglumi analysers	18	194.076	2.2	1.26
Siemens/DPC Immulite 1000	18	200.710	5.7	3.38
CIS, IRMA	19	330.207	8.1	7.72
Fujirebio Lumipulse G Series	10	196.666	6.9	5.34
Siemens Dimension	5	216.081	3.1	3.71
ELISA	2	192.000	13.0	22.12
Brahms Kryptor	2	199.490	14.3	25.26



RIQAS

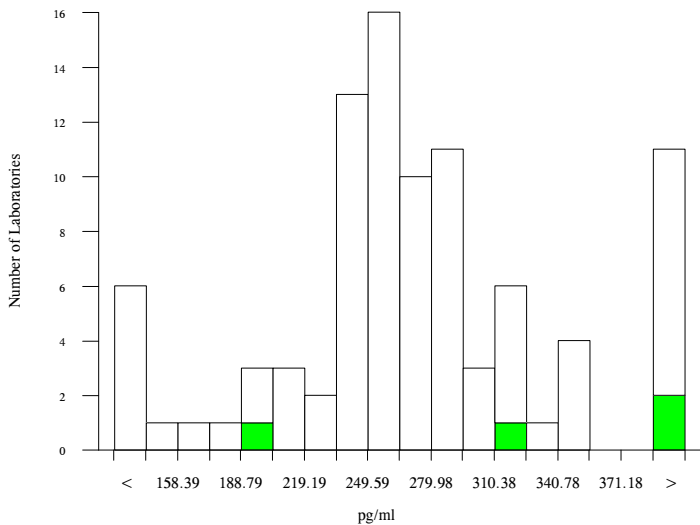
Aldosterone, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	75	264.790	15.3	5.85	40.53	18
DiaMetra ELISA	4	382.436	41.3	98.68	186.18a	0

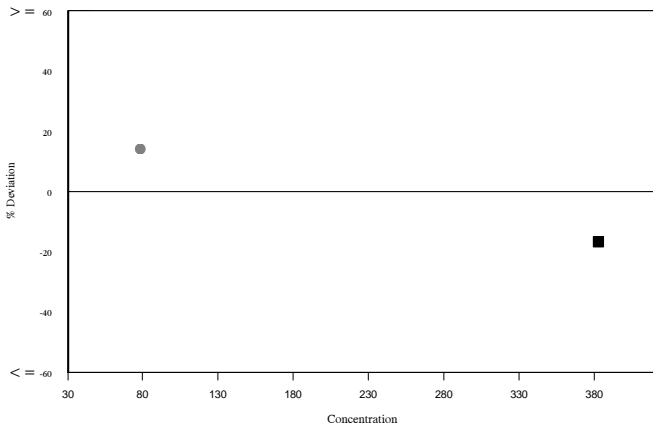
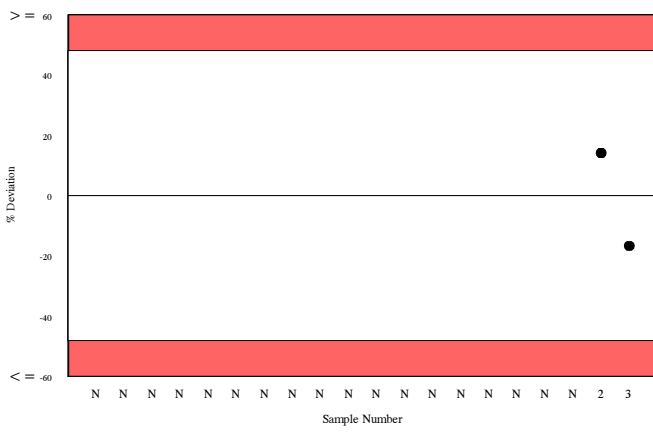
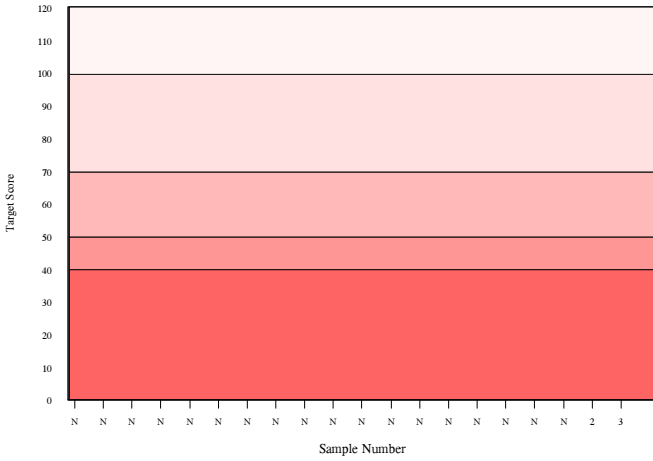
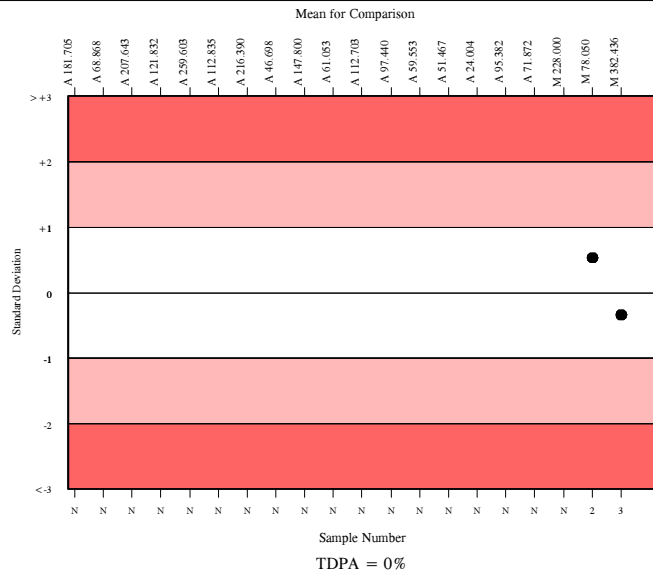
▲ Your Result	318.600	SDI	-0.34
		RMSDI	Too Few
■ Mean for Comparison	382.436	TS	N/A
		RMTS	Too Few
		%DEV	-16.7
		RM%DEV	Too Few

The mean for comparison is not statistically significant

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



Method	N	Mean	CV%	U _m
Diasorin Liaison	27	267.921	6.8	4.41
SNIBE Maglumi analysers	14	245.084	3.0	2.46
DRG, ELISA	5	268.788	18.2	27.31
ELISA	4	292.358	14.7	26.89
Immunotech RIA	5	451.830	5.1	12.90
CIS, RIA	5	100.340	14.8	8.33
DiaMetra ELISA	4	382.436	41.3	98.68
IDS iSYS	4	285.225	3.0	5.33
DBE, ELISA	3	257.083	52.5	97.33
ZenTech RIA	3	297.567	15.7	33.78
AutoBio CLIA	2	174.985	7.3	11.28
Diasorin, RIA	2	271.500	2.3	5.62
IBL International ELISA	2	338.850	3.4	10.19

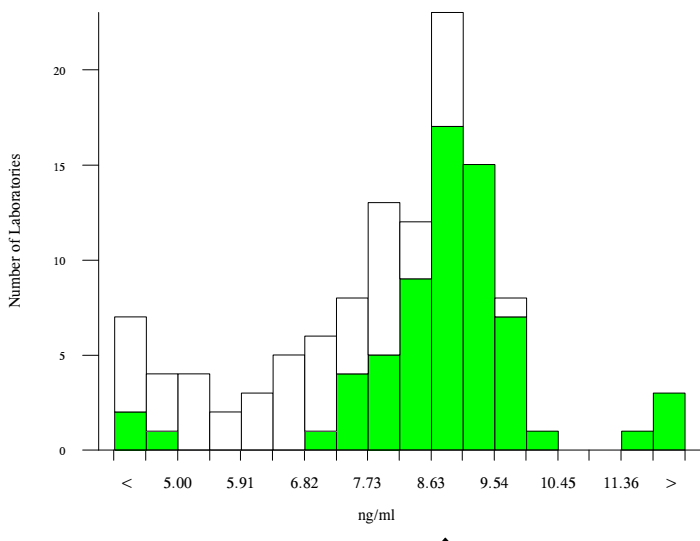


Androstenedione (Pilot), ng/ml

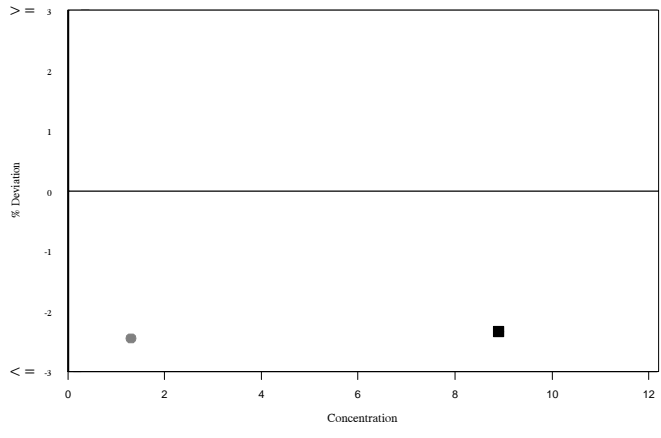
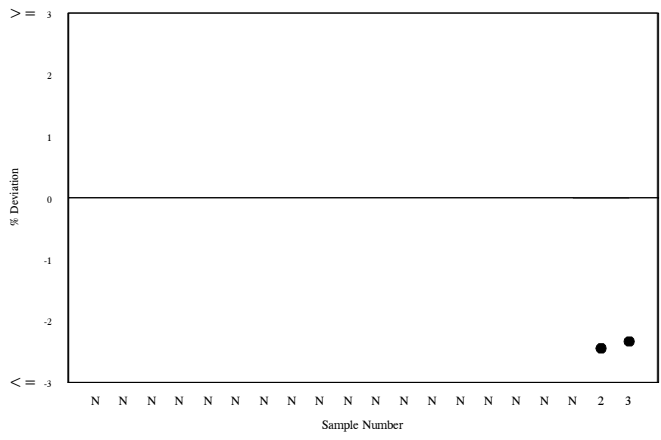
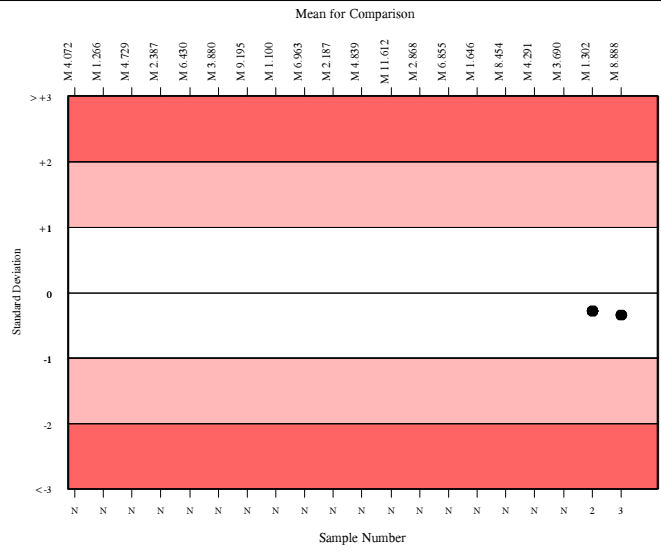
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	101	8.184	14.8	0.15	1.21	26
Siemens/DPC Immulite 2000	57	8.888	6.8	0.10	0.60	20

▲ Your Result	8.680	SDI RMSDI	-0.35 Too Few
■ Mean for Comparison	8.888	TS RMTS	N/A N/A
		%DEV RM%DEV	-2.3 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	57	8.888	6.8	0.10
Siemens/DPC Immulite 1000	19	7.776	10.3	0.23
Beckman Coulter Active RIA	8	5.785	18.1	0.46
DIAsource, RIA	5	6.957	22.9	0.89
DRG, ELISA	3	8.013	3.9	0.22
Novatec ELISA	4	5.628	39.5	1.39
Labor Diagnostike Nord ELISA	3	7.874	24.0	1.36
DiaMetra ELISA	2	4.919	0.6	0.03

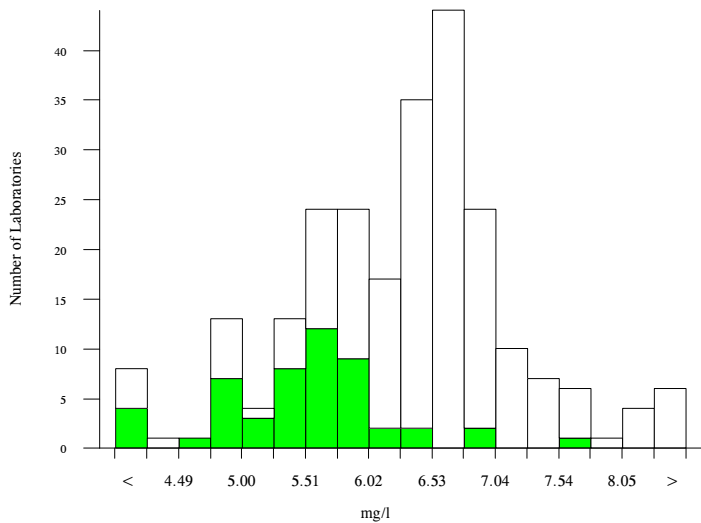


Beta-2-Microglobulin, mg/l

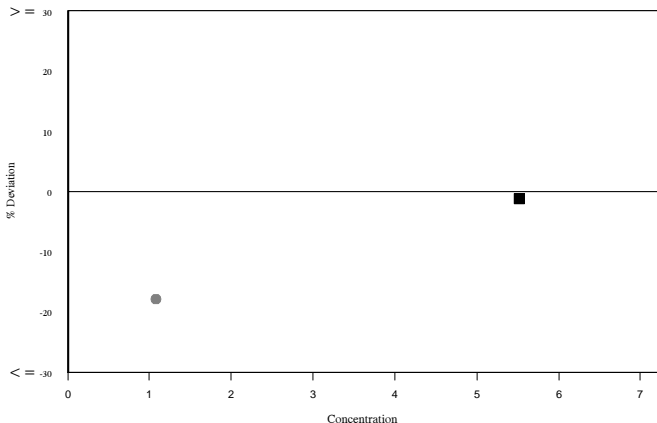
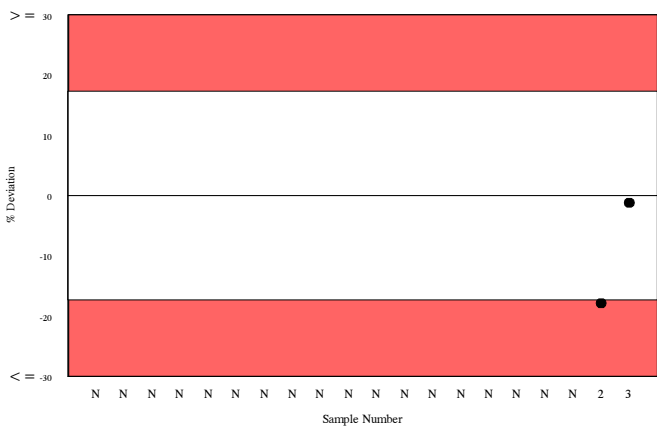
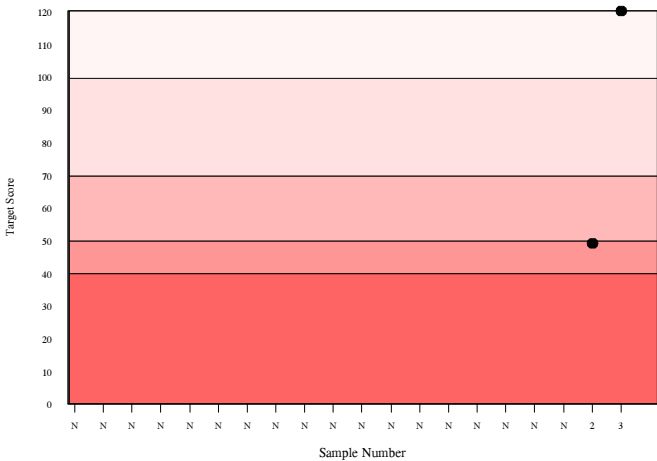
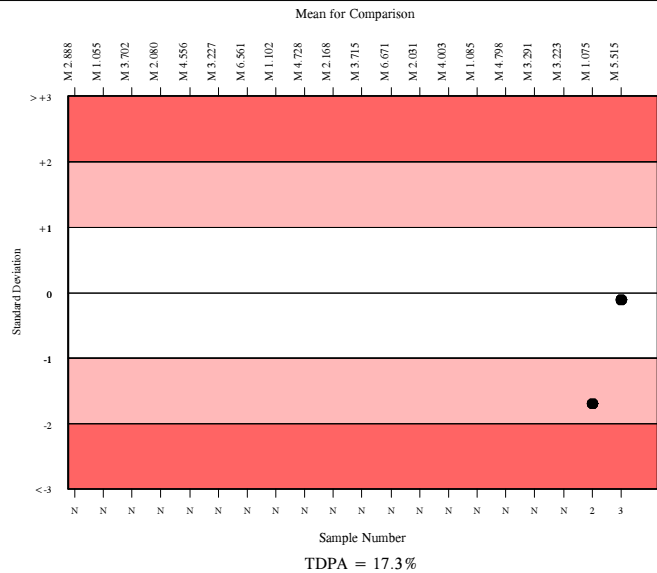
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	223	6.277	10.8	0.06	0.66	22
Siemens/DPC Immulite 2000/2500	44	5.515	7.7	0.08	0.58	8

▲ Your Result	5.450	SDI	-0.11
		RMSDI	Too Few
■ Mean for Comparison	5.515	TS	120
		RMTS	Too Few
		%DEV	-1.2
		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	44	5.515	7.7	0.08
Roche Cobas 6000/8000	36	6.530	3.3	0.04
bioMerieux, VIDAS	30	6.673	9.7	0.15
Abbott Architect	24	6.653	2.4	0.04
Siemens/Behring Nephelometer	13	6.756	9.2	0.22
SNIBE Maglumi analysers	9	5.715	0.8	0.02
Diasorin Liaison	10	5.459	12.8	0.28
Beckman AU400/600/640/2700/5400	8	7.095	10.7	0.33
Siemens/DPC Immulite 1000	5	6.578	2.4	0.09
Roche Tinaquant	6	6.391	13.2	0.43
Roche Modular P	4	6.233	3.5	0.14
Beckman Immage	3	7.300	4.9	0.26
Siemens Dimension	3	6.784	1.6	0.08
Fujirebio Lumipulse G Series	3	5.483	9.4	0.37
Roche Cobas 4000/c311	3	6.410	9.4	0.43
TOSOH	3	5.933	3.4	0.14
Siemens Advia 1200/1650/1800/2400	2	6.780	0.4	0.02
DakoCytomation PET kit	2	7.960	4.4	0.31
ELISA	2	6.450	23.0	1.31
Immunotech RIA	2	7.028	3.5	0.22

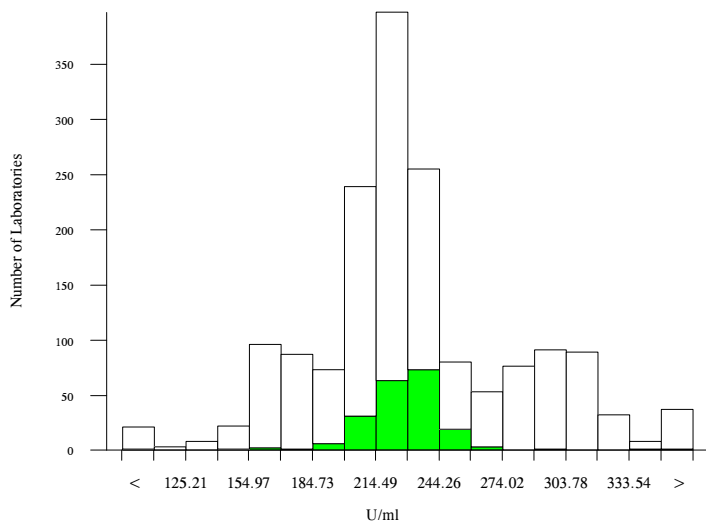


CA 125, U/ml

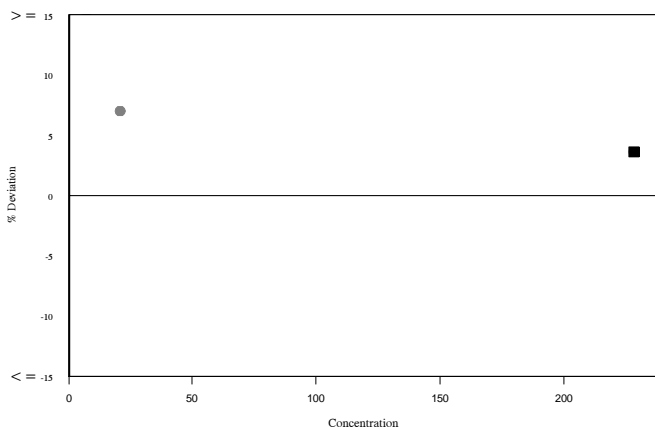
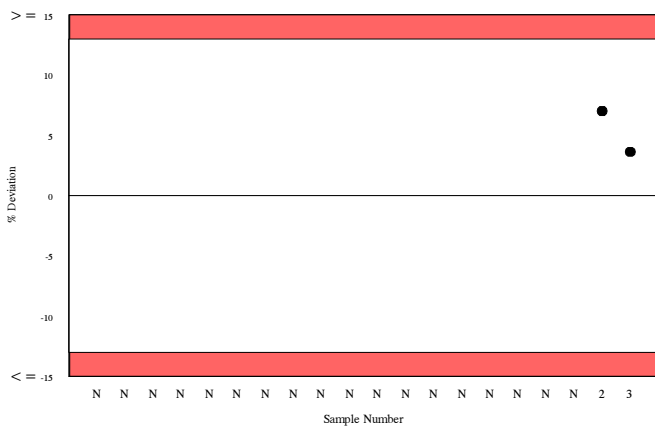
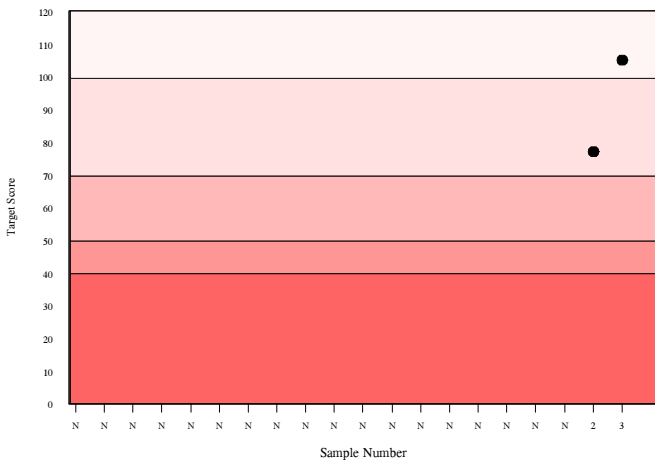
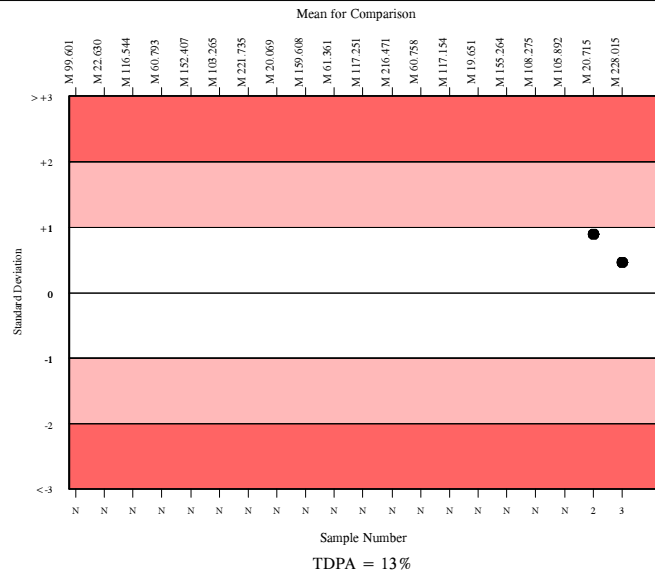
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1566	229.380	17.3	1.25	18.13	101
Roche Cobas 4000/e411	187	228.015	5.7	1.18	18.02	16

▲ Your Result	236.300	SDI	0.46
		RMSDI	Too Few
■ Mean for Comparison	228.015	TS	105
		RMTS	Too Few
		%DEV	3.6
		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	336	223.515	4.3	0.65
Abbott Architect	304	295.330	6.5	1.38
Roche Cobas 4000/e411	187	228.015	5.7	1.18
Beckman DxI 600 / 800	131	168.022	4.9	0.90
Centaur XP/XPT/Classic, CA125 II Kit	119	207.869	5.8	1.39
bioMerieux, VIDAS	83	237.653	5.5	1.78
Roche Elecsys	49	222.201	5.4	2.14
Siemens Centaur XP/XPT/Classic OV Kit	46	204.868	8.1	3.08
Siemens/DPC Immulite 2000/2500	36	212.581	5.2	2.30
Beckman Access/LXi725	35	166.653	10.7	3.75
Ortho Vitros 3600/5600/ECi	31	227.249	4.1	2.11
Diasorin Liaison	29	289.077	7.9	5.33
SNIBE Maglumi analysers	20	205.535	3.0	1.74
Roche Modular E170	22	219.700	4.1	2.38
TOSOH	20	436.083	4.7	5.77
Siemens Centaur CP CA125 II Kit	21	213.633	10.1	5.90
Siemens/DPC Immulite 1000	17	238.980	4.3	3.11
Fujirebio Lumipulse G Series	13	209.577	6.6	4.82
CIS, IRMA	11	162.421	3.9	2.38
Siemens Dimension	5	396.000	1.8	3.90
Brahms Kryptor	3	75.987	2.3	1.25

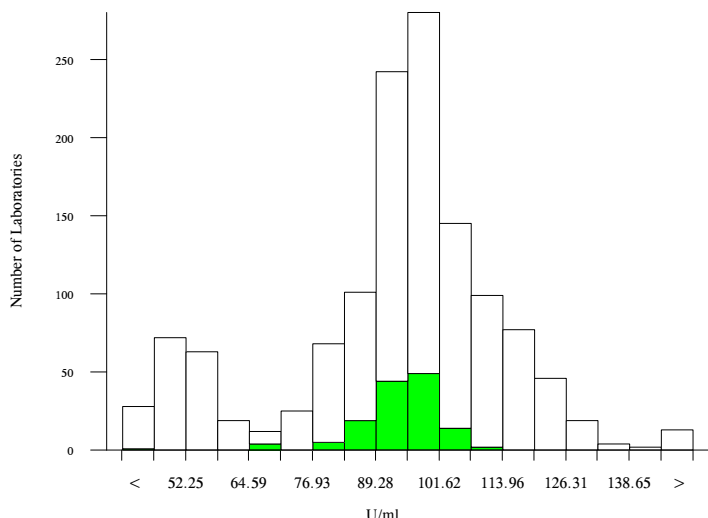


CA 15-3, U/ml

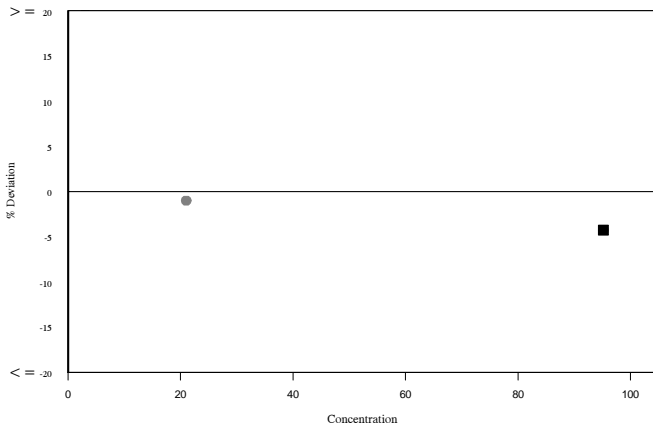
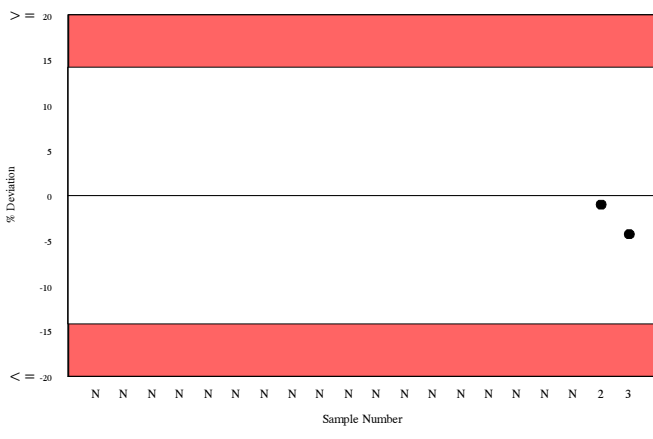
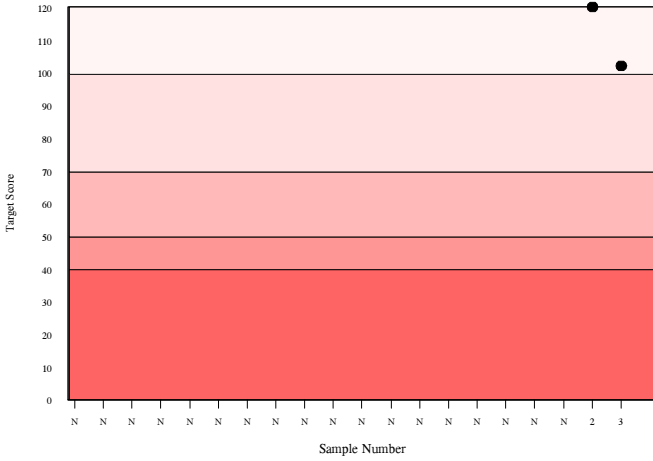
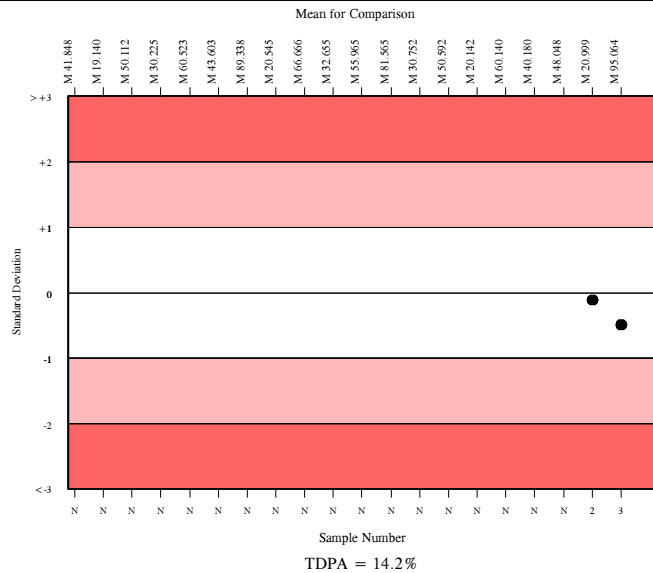
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1209	95.454	17.2	0.59	8.24	106
Roche Cobas 4000/e411	126	95.064	5.5	0.58	8.21	12

▲ Your Result	91.010	SDI	-0.49
		RMSDI	Too Few
■ Mean for Comparison	95.064	TS	102
		RMTS	Too Few
		%DEV	-4.3
		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	272	97.321	5.5	0.41
Abbott Architect	244	109.389	8.0	0.70
Siemens Centaur XP/XPT/Classic	138	94.424	6.2	0.63
Roche Cobas 4000/e411	126	95.064	5.5	0.58
Beckman DxI 600 / 800	122	51.855	8.1	0.48
BioMerieux VIDAS	55	81.235	4.8	0.65
Roche Elecsys	35	93.663	7.3	1.44
Siemens/DPC Immulite 2000/2500	30	119.200	7.6	2.06
Beckman Access/LXi725	28	52.766	6.5	0.81
Diasorin Liaison	24	95.365	13.5	3.28
SNIBE Maglumi analysers	17	124.240	3.4	1.29
TOSOH	19	96.714	17.1	4.73
Roche Modular E170	16	95.520	3.5	1.05
Ortho Vitros 3600/5600/ECi	13	92.235	5.5	1.75
Fujirebio Lumipulse G Series	10	115.670	1.6	0.72
CIS, IRMA	11	88.531	5.6	1.87
Siemens/DPC Immulite 1000	10	143.169	8.7	4.95
Siemens Centaur CP	8	92.421	8.7	3.57
Siemens Dimension	5	87.440	9.0	4.40
Brahms Kryptor	4	104.555	5.4	3.53
ELISA	1	45.600	0.0	0.00

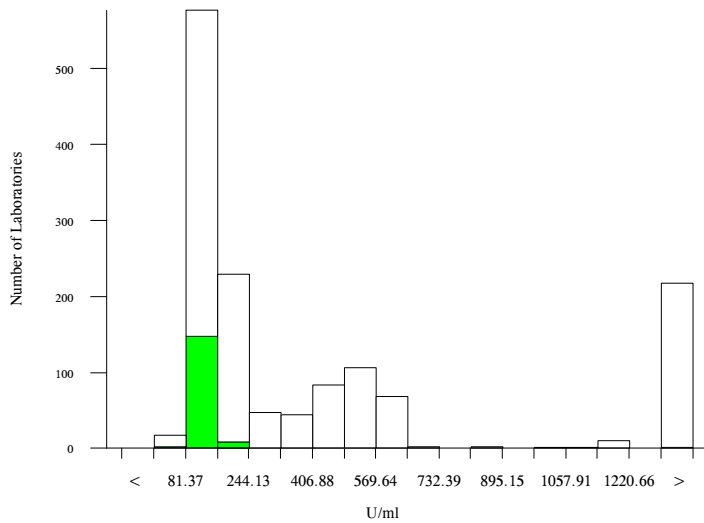


CA 19-9, U/ml

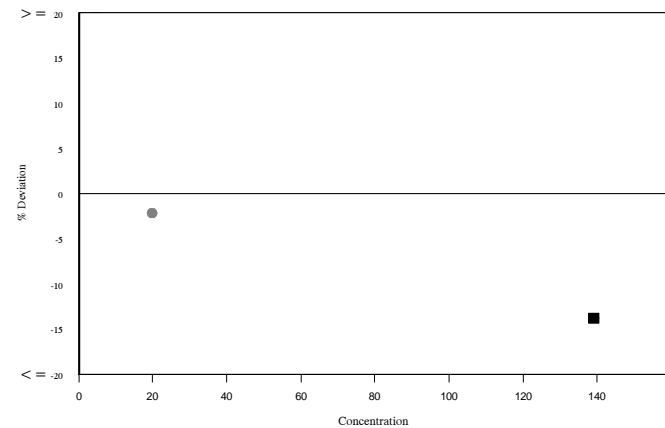
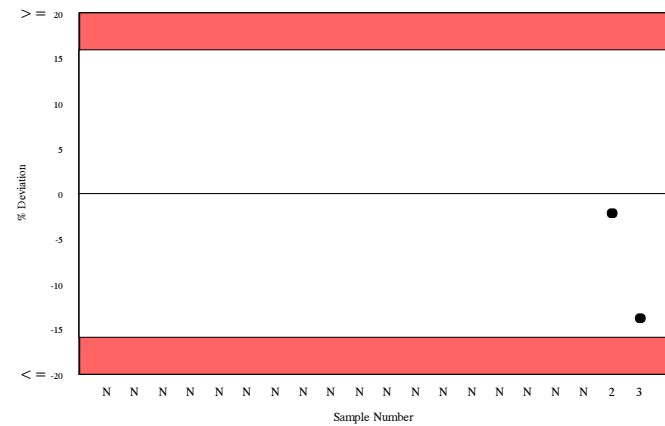
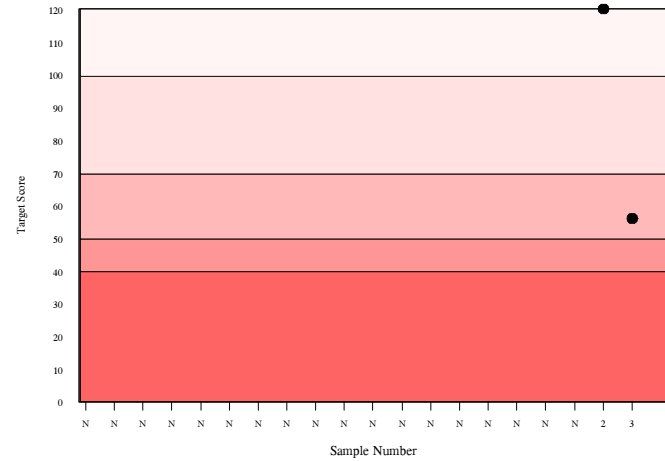
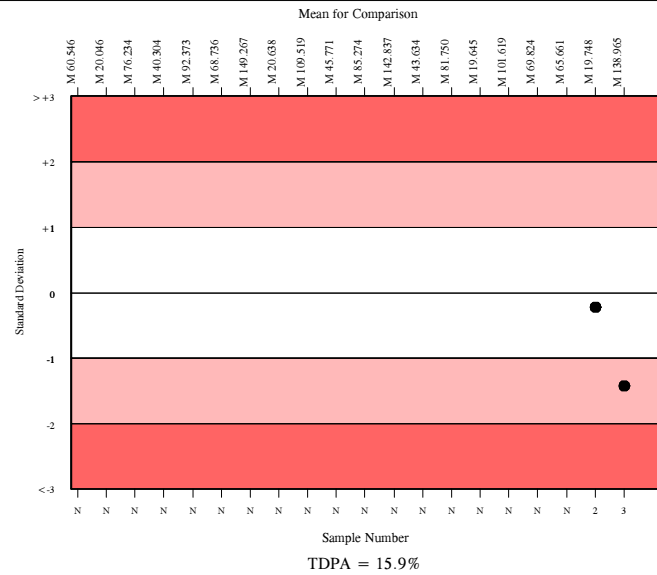
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1236	314.630	104.6	11.70	32.59a	191
Roche Cobas 4000/e411	142	138.965	7.3	1.07	13.43	16

▲ Your Result	119.800	SDI	-1.43
		RMSDI	Too Few
■ Mean for Comparison	138.965	TS	56
		RMTS	Too Few
		%DEV	-13.8
		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	297	131.981	4.6	0.44
Abbott Architect	126	1846.331	8.5	17.47
Siemens Centaur XP/XPT/Classic	151	570.118	6.4	3.69
Roche Cobas 4000/e411	142	138.965	7.3	1.07
Beckman DxI 600 / 800	127	207.065	6.7	1.53
Abbott Architect XR/ XR2 kit	76	1853.653	8.6	22.91
bioMerieux, VIDAS	72	439.654	5.4	3.50
Roche Elecsys	40	140.870	8.5	2.35
Siemens/DPC Immulite 2000/2500	37	234.311	6.4	3.10
Diasorin Liaison	23	349.573	15.1	13.74
Beckman Access/LXi725	23	226.265	5.3	3.12
SNIBE Maglumi analysers	19	194.897	4.5	2.52
Roche Modular E170	22	132.396	4.7	1.65
TOSOH	20	99.781	9.6	2.68
Siemens Centaur CP	18	519.023	6.1	9.28
Ortho Vitros 3600/5600/ECi	17	394.029	3.2	3.76
CIS, IRMA	15	126.445	11.9	4.85
Siemens/DPC Immulite 1000	12	248.167	21.1	18.92
Fujirebio Lumipulse G Series	10	318.290	2.4	2.97
Siemens Dimension	5	319.100	1.5	2.66
Brahms Kryptor	3	152.467	11.3	12.45

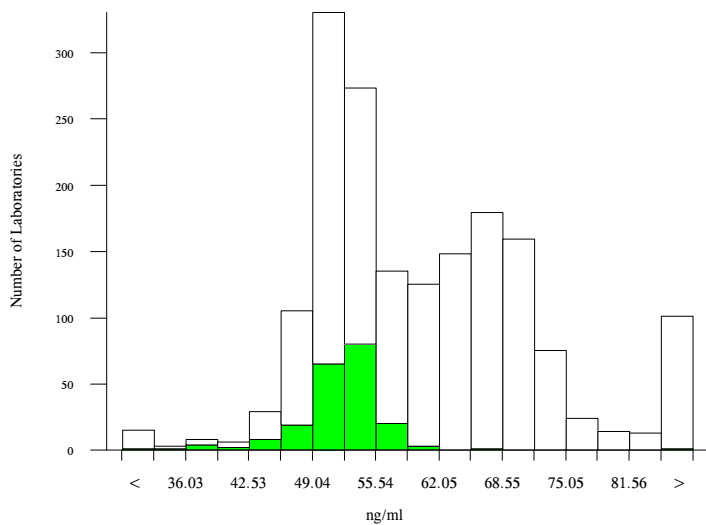


CEA, ng/ml

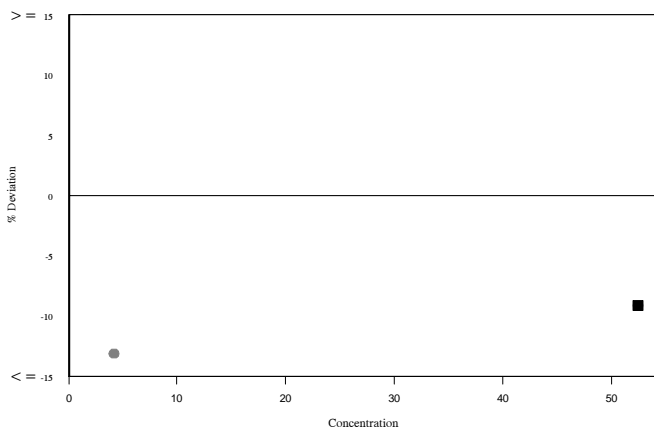
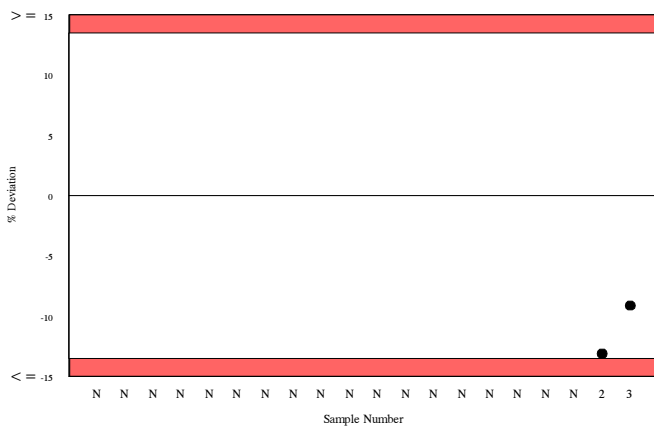
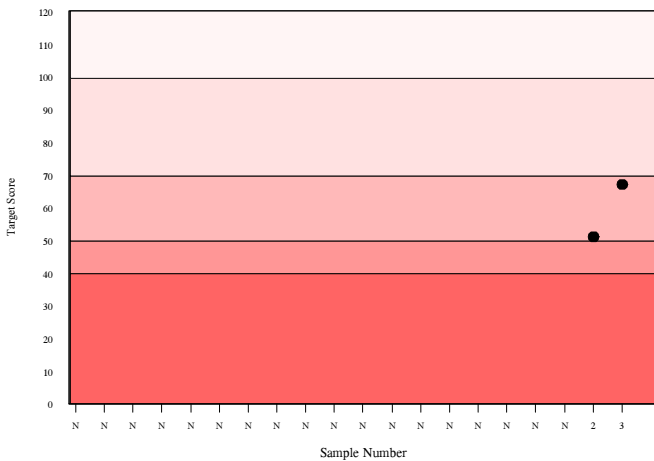
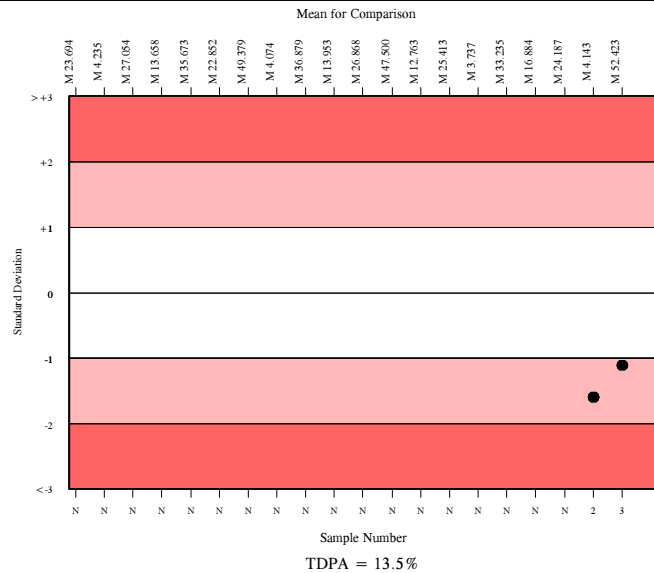
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1614	58.799	14.7	0.27	4.83	130
Roche Cobas 4000/e411	185	52.423	5.1	0.24	4.30	20

▲ Your Result	47.640	SDI	-1.11
		RMSDI	Too Few
■ Mean for Comparison	52.423	TS	67
		RMTS	Too Few
		%DEV	-9.1
		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	351	51.469	4.1	0.14
Abbott Architect	325	69.172	5.1	0.25
Roche Cobas 4000/e411	185	52.423	5.1	0.24
Siemens Centaur XP/XPT/Classic	166	65.333	4.7	0.30
Beckman DxI 600 / 800	150	55.952	6.4	0.37
bioMerieux, VIDAS	67	61.847	5.9	0.56
Siemens/DPC Immulite 2000/2500	52	89.934	7.5	1.17
Roche Elecsys	43	51.676	5.5	0.54
Beckman Access/LXi725	37	58.291	6.9	0.82
Diasorin Liaison	32	56.720	6.9	0.87
Tosoh	28	92.695	5.3	1.17
Ortho Vitros 3600/5600/ECi	29	66.949	3.0	0.47
Roche Modular E170	26	50.933	3.9	0.49
Siemens Centaur CP	23	64.116	6.0	1.01
SNIBE Maglumi analysers	22	47.770	4.8	0.61
CIS, RIA Coated tube	18	47.416	3.3	0.46
Siemens/DPC Immulite 1000	14	86.000	6.0	1.72
Fujirebio Lumipulse G Series	13	92.377	3.7	1.18
Siemens Dimension	7	60.866	4.4	1.25
Abbott AxSYM	2	62.190	11.6	6.36
ELISA	1	48.100	0.0	0.00

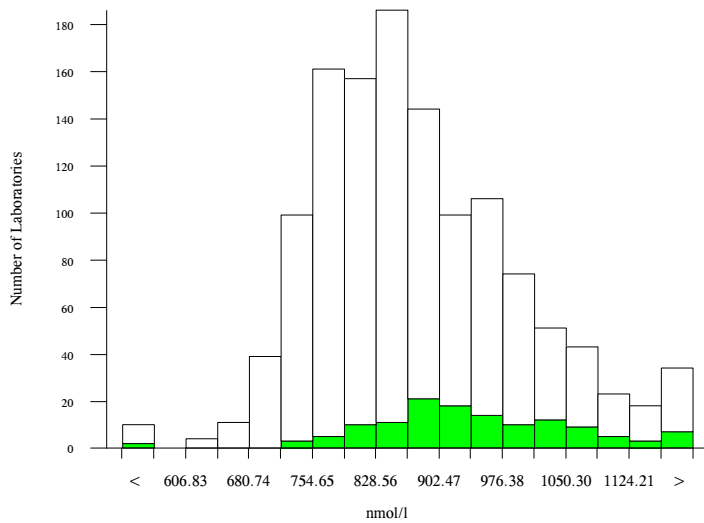


Cortisol, nmol/l

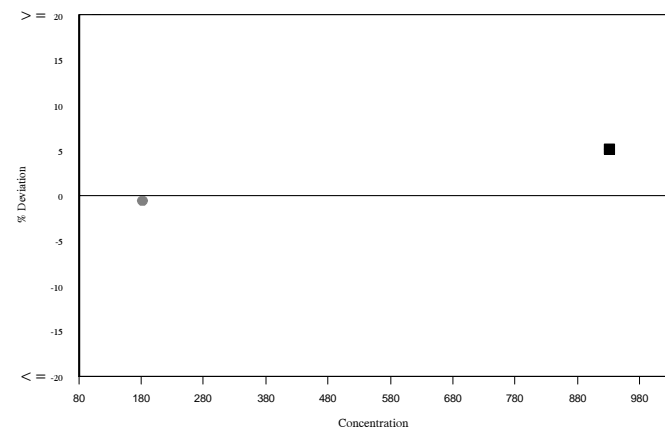
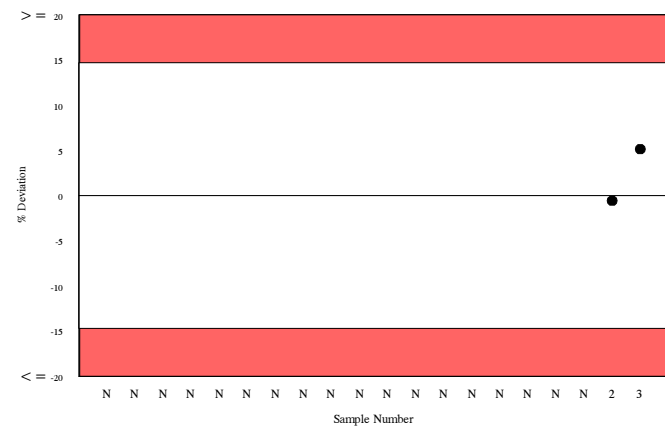
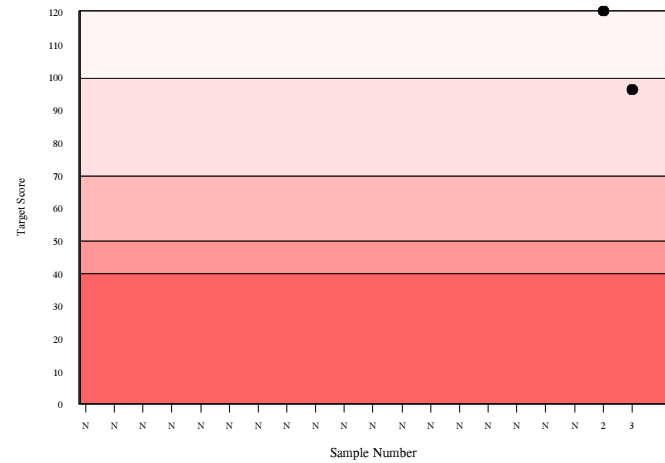
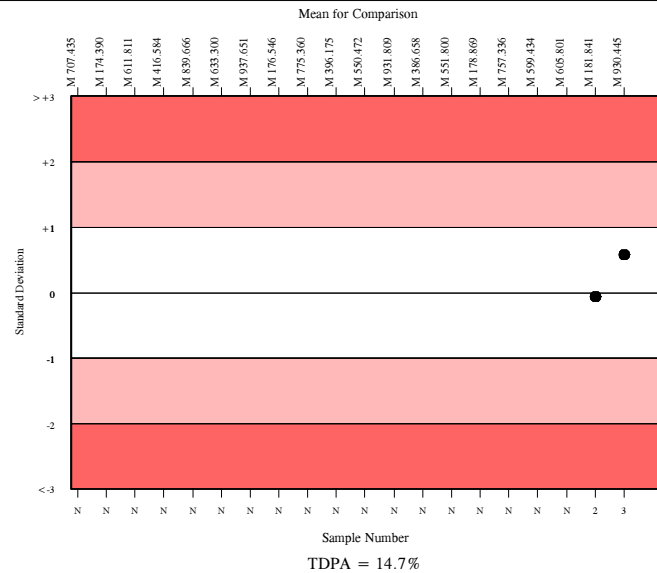
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1186	865.521	11.4	3.58	77.35	73
Roche Cobas 4000/e411	116	930.445	9.4	10.15	83.15	14

▲ Your Result	978.300	SDI	0.58
		RMSDI	Too Few
■ Mean for Comparison	930.445	TS	96
		RMTS	Too Few
		%DEV	5.1
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Abbott Architect	225	758.824	4.9	3.10
Roche Cobas 6000/8000	169	878.188	9.0	7.61
Siemens Centaur XP/XPT/Classic	127	1029.328	7.2	8.18
Roche Cobas 4000/e411	116	930.445	9.4	10.15
Beckman DxI 600 / 800	97	850.495	5.9	6.40
Roche Elecsys	91	830.668	4.9	5.30
Siemens/DPC Immulite 2000/2500	61	856.746	6.7	9.24
Roche Elecsys	35	920.574	9.4	18.34
bioMerieux, VIDAS	28	829.287	10.1	19.76
Roche Cobas 4000/e411 Gen II	29	893.259	6.2	12.81
Beckman Access/LXi725	25	879.284	4.9	10.77
Ortho Vitros 3600/5600/ECi	25	845.914	5.6	11.86
Siemens/DPC Immulite 1000	23	931.653	11.0	26.76
Tosoh	17	891.138	5.2	14.17
SNIBE Maglumi analysers	16	877.361	4.2	11.60
Diasorin Liaison	16	945.287	10.9	32.25
Roche Modular E170	14	882.233	5.5	16.10
CIS, RIA	13	755.668	8.6	22.43
Roche Modular E170 Gen II	9	830.729	4.7	16.43
Siemens Centaur CP	7	1097.487	6.1	31.55
Roche Elecsys Gen II	3	884.324	9.2	58.71



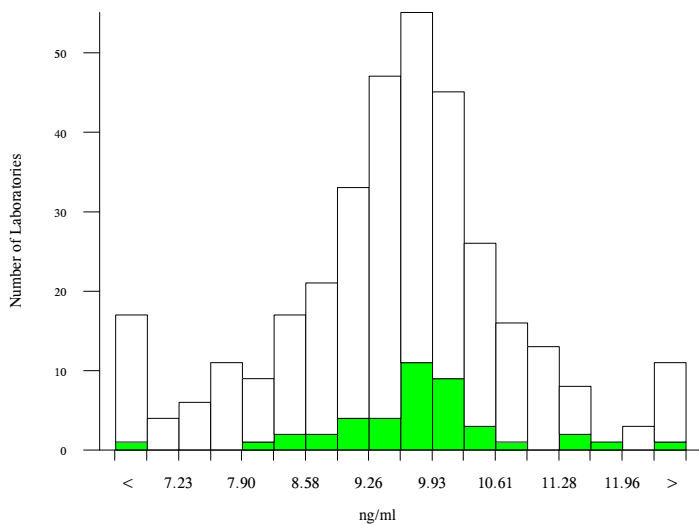
RIQAS

C-Peptide, ng/ml

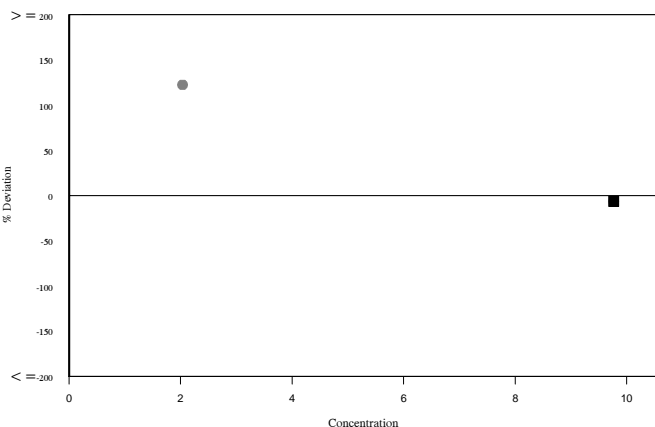
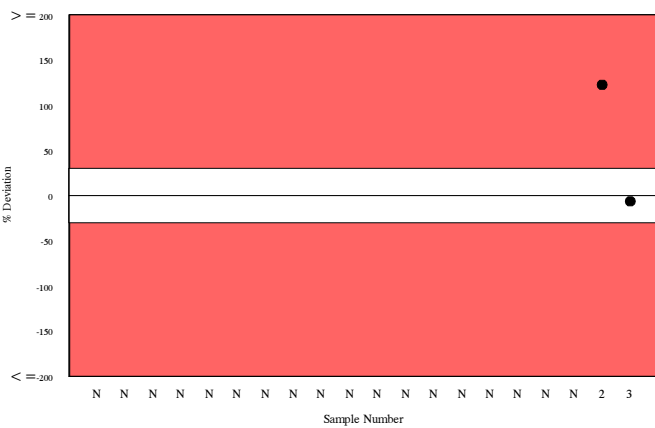
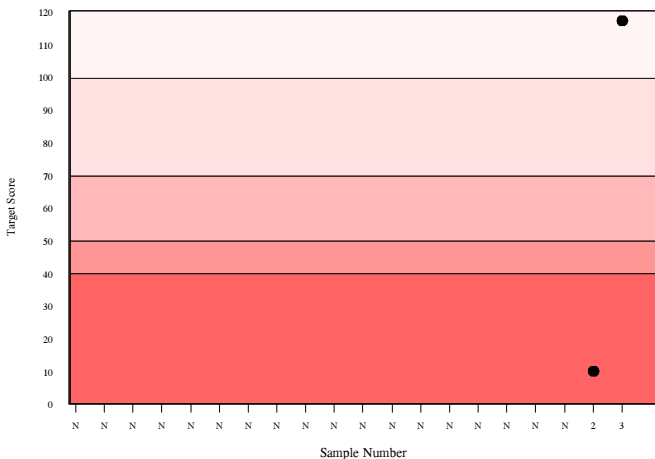
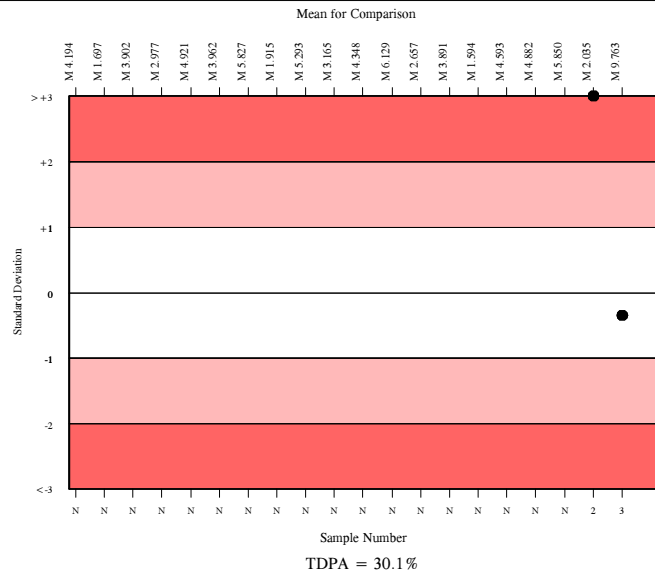
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	308	9.598	9.4	0.06	1.76	35
Roche Cobas 4000/e411	35	9.763	5.4	0.11	1.79	7

▲ Your Result	9.140	SDI	-0.35
		RMSDI	Too Few
■ Mean for Comparison	9.763	TS	117
		RMTS	Too Few
		%DEV	-6.4
		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	64	9.810	4.2	0.06
Siemens/DPC Immulite 2000/2500	46	9.667	7.8	0.14
Abbott Architect	44	9.224	6.1	0.11
Roche Cobas 4000/e411	35	9.763	5.4	0.11
Siemens Centaur XP/XPT/Classic	32	7.945	8.6	0.15
SNIBE Maglumi analysers	18	10.370	6.1	0.19
TOSOH	16	9.478	5.9	0.17
Diasorin Liaison	11	10.845	4.6	0.19
Roche Elecsys	9	10.309	7.2	0.31
Roche Modular E170	7	9.324	5.7	0.25
Siemens/DPC Immulite 1000	5	10.450	3.4	0.20
DIAsource, RIA	3	6.563	24.7	1.17
Siemens Centaur CP	2	7.614	10.9	0.73
DRG ELISA	2	5.364	6.2	0.29
ELISA	2	7.955	27.8	1.96
Fujirebio Lumipulse G Series	2	9.305	2.4	0.19

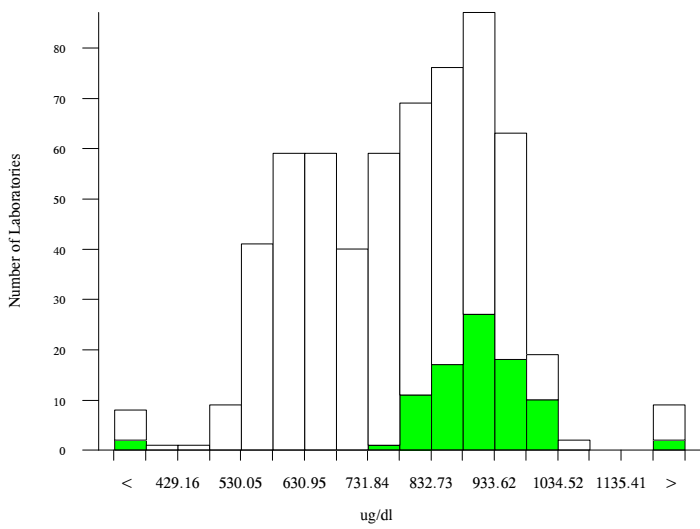


DHEA-S, ug/dl

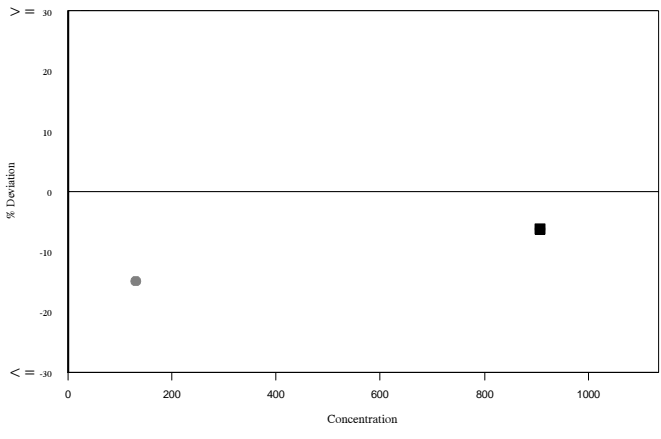
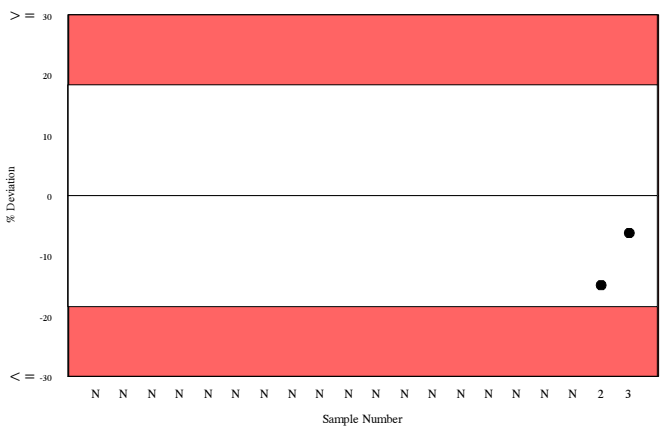
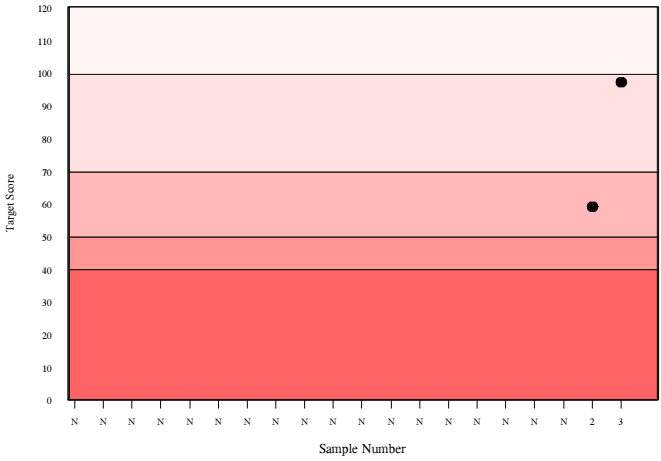
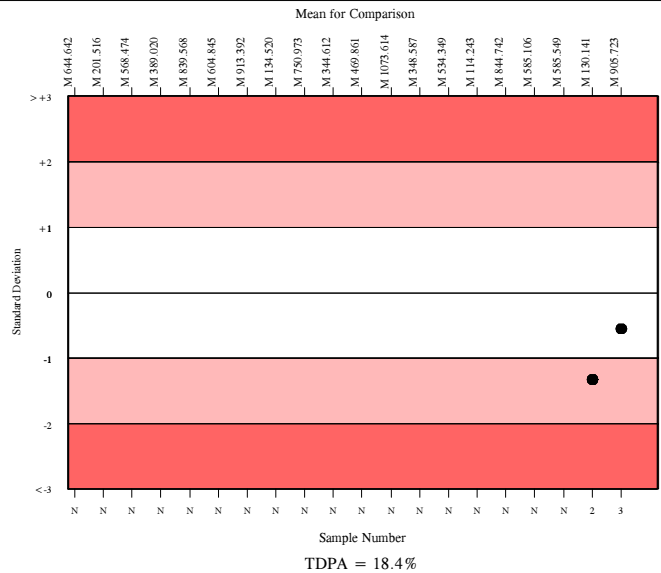
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	582	782.290	17.2	6.97	87.51	25
Roche Cobas 4000/e411	83	905.723	6.6	8.14	101.32	7

▲ Your Result	849.500	SDI	-0.55
		RMSDI	Too Few
■ Mean for Comparison	905.723	TS	97
		RMTS	Too Few
		%DEV	-6.2
		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	906.288	5.4	5.52
Abbott Architect	94	784.217	4.6	4.66
Roche Cobas 4000/e411	83	905.723	6.6	8.14
Siemens/DPC Immulite 2000/2500	71	644.673	7.9	7.59
Beckman DxI 600 / 800	39	598.116	6.6	7.88
Siemens Centaur XP/XPT/Classic	28	606.524	7.9	11.29
Siemens/DPC Immulite 1000	21	623.284	12.4	21.02
Roche Elecsys	19	887.526	8.2	20.77
TOSOH	14	827.432	3.1	8.68
Roche Modular E170	14	911.389	5.7	17.23
SNIBE Maglumi analysers	11	682.318	1.0	2.54
Diasorin Liaison	7	632.068	3.5	10.58
Beckman Access/LXi725	7	582.902	4.4	12.18
Immunotech RIA	6	769.700	29.0	113.97
ELISA	4	920.067	3.1	17.99
Siemens Centaur CP	4	492.757	38.1	117.31

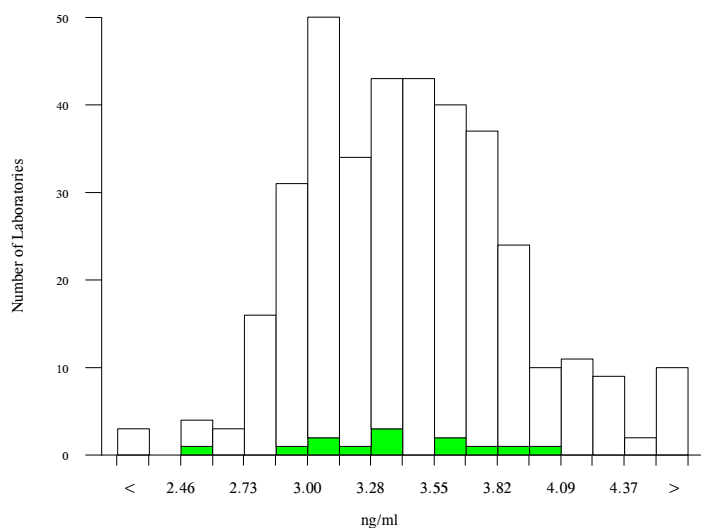


Digoxin, ng/ml

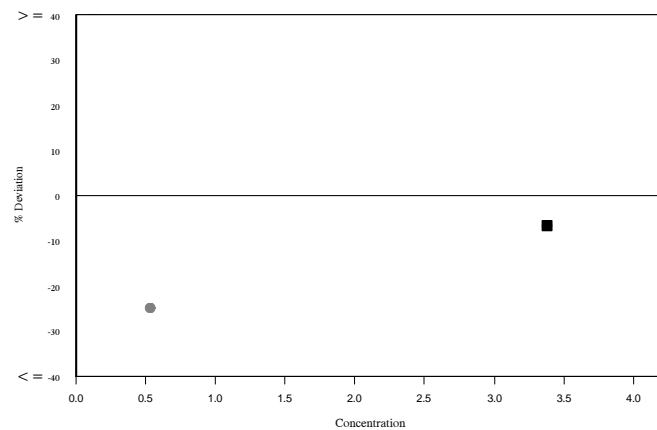
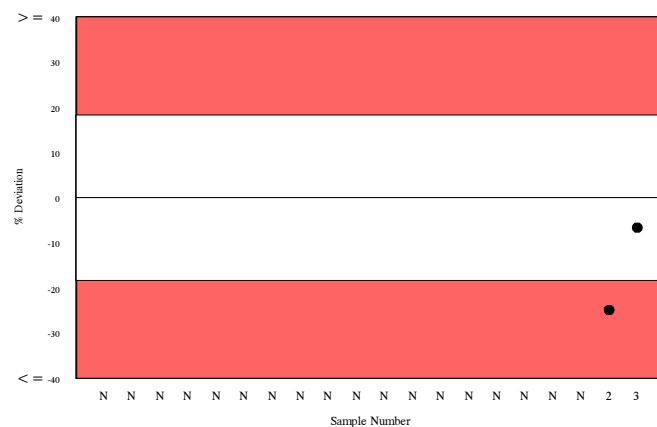
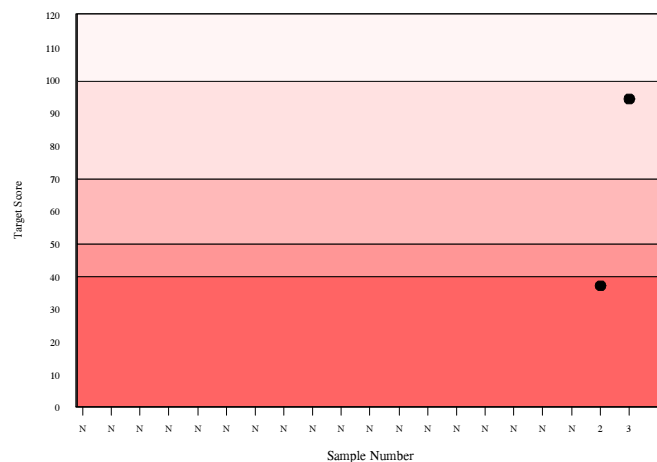
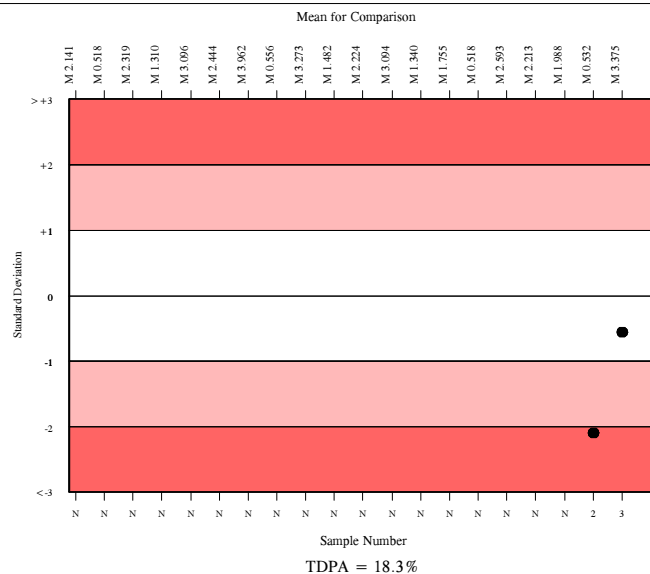
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	347	3.418	10.6	0.02	0.38	23
bioMerieux, VIDAS	13	3.375	12.1	0.14	0.40a	0

▲ Your Result	3.150	SDI	-0.56
		RMSDI	Too Few
■ Mean for Comparison	3.375	TS	94
		RMTS	Too Few
		%DEV	-6.7
		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	3.024	4.6	0.02
Roche Cobas E601/602	32	3.580	7.7	0.06
Siemens Centaur XP/XPT/Classic	28	3.781	4.6	0.04
Roche Cobas C501/502/701	26	3.395	3.1	0.03
Abbott Architect (PETINIA)	18	3.171	9.3	0.09
Siemens Dimension	16	3.633	4.8	0.05
Beckman Dxi 600 / 800	13	3.503	7.0	0.09
Roche Cobas 4000/e411	13	3.918	6.6	0.09
bioMerieux, VIDAS	13	3.375	12.1	0.14
Roche Integra	13	3.499	4.4	0.05
Beckman AU400/600/640/2700/5400	9	3.620	2.6	0.04
SNIBE Maglumi analysers	10	3.643	1.5	0.02
Siemens/DPC Immulite 2000/2500	9	3.774	13.0	0.20
Roche Elecsys	8	3.902	15.1	0.26
Beckman DxC	7	3.161	3.6	0.05
Roche Cobas 4000/c311	7	3.999	14.3	0.27
Vitros	6	3.338	3.0	0.05
Siemens ADVIA 1200/1650/1800/2400	5	3.438	3.8	0.07
Siemens/DPC Immulite 1000	4	4.250	7.3	0.19
Roche Modular E170	4	3.608	7.6	0.17
Beckman Access/LXi725	3	3.636	4.8	0.13

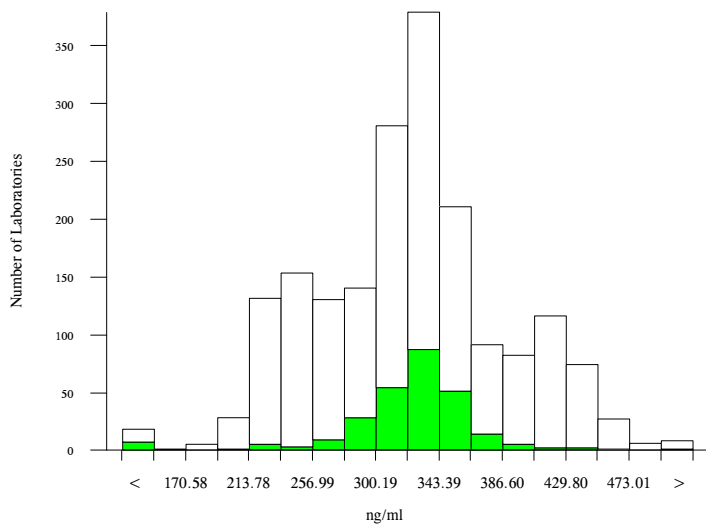
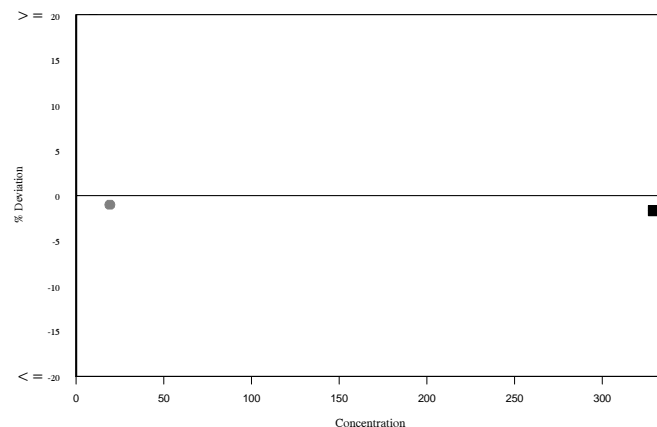
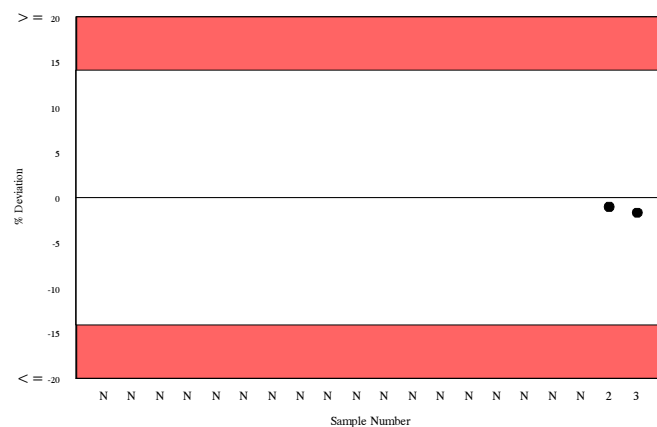
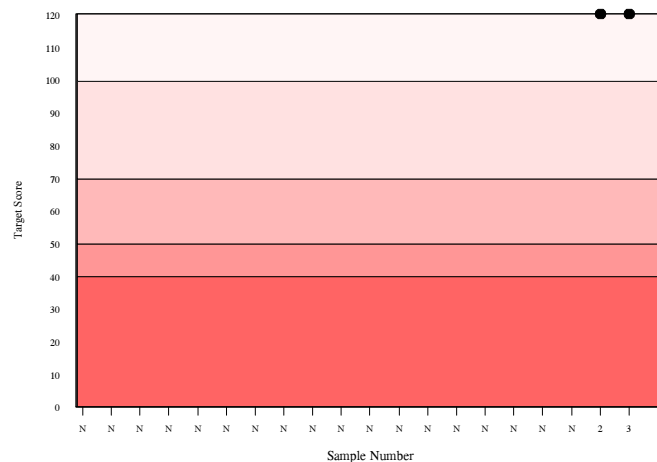
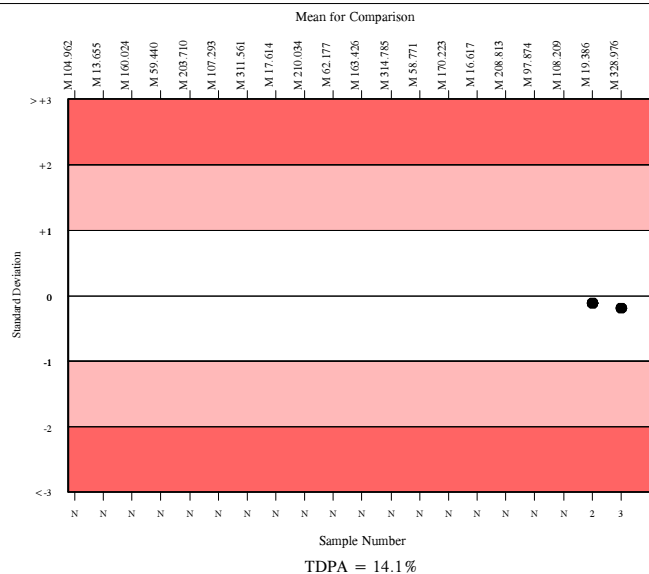


Ferritin, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1801	321.797	17.9	1.70	27.59	78
Roche Elecsys / Cobas e411	241	328.976	7.6	2.01	28.20	29

▲ Your Result	323.500	SDI	-0.19
		RMSDI	Too Few
■ Mean for Comparison	328.976	TS	120
		RMTS	Too Few
		%DEV	-1.7
		RM%DEV	Too Few

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



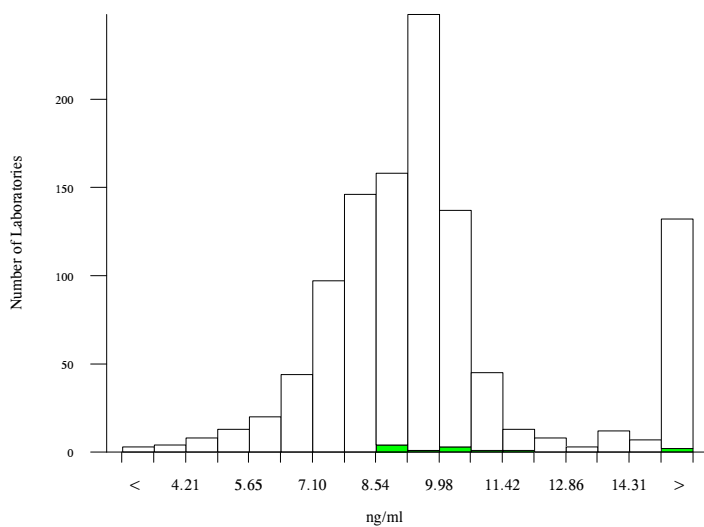
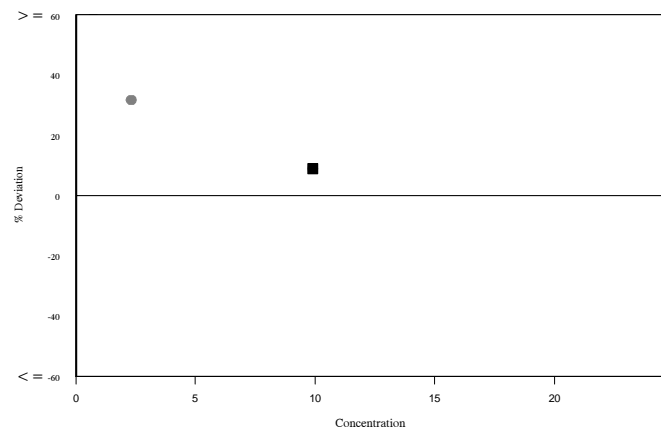
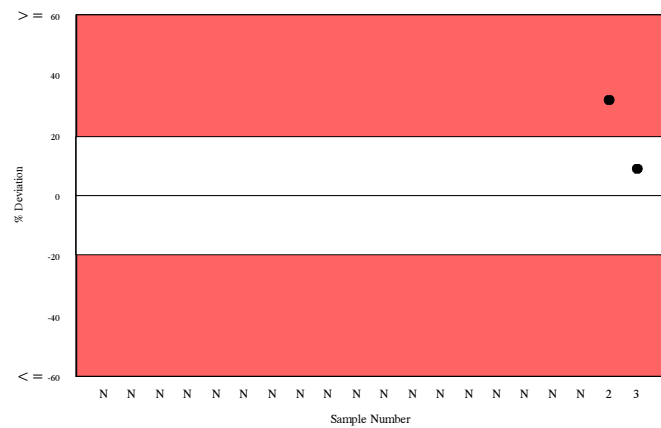
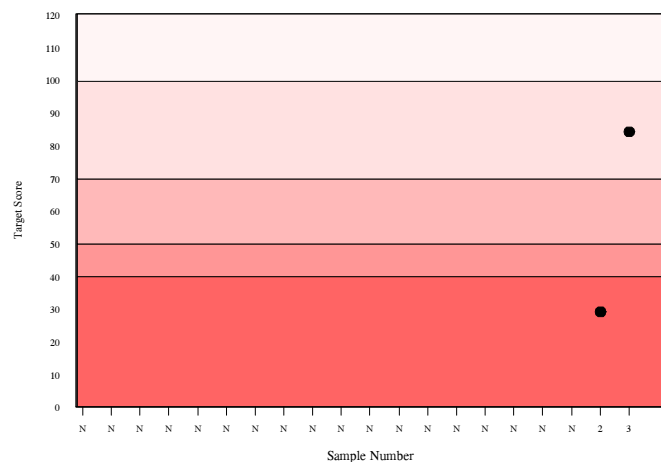
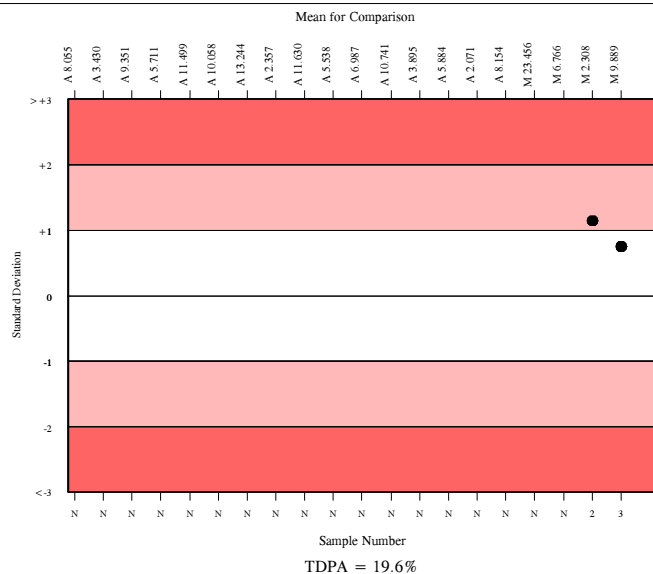
Method	N	Mean	CV%	U _m
Roche Modular E170 / Cobas e601/e602	362	334.414	5.0	1.10
Abbott Architect Chemiluminescence	295	417.957	5.7	1.74
Roche Elecsys / Cobas e411	241	328.976	7.6	2.01
Siemens Centaur XP/XPT/Classic	187	326.321	5.6	1.67
Beckman DxI 600 / 800	159	237.813	6.3	1.48
Beckman Access/LXi725	53	244.053	6.2	2.59
bioMerieux, VIDAS	51	283.195	11.4	5.65
Roche Cobas C501/502/701	46	290.810	10.3	5.51
Siemens/DPC Immulite 2000/2500	45	292.661	6.2	3.36
Ortho Vitros 3600/5600/ECi	40	227.958	4.3	1.96
Diasorin Liaison	38	346.073	8.9	6.27
Tosoh	29	235.665	6.2	3.42
Siemens Centaur CP	26	300.570	6.8	5.00
Roche Cobas 4000/c311	22	337.573	4.5	4.06
Beckman AU400/600/640/2700/5400	22	275.534	6.3	4.61
Siemens Dimension	17	299.296	2.3	2.04
Siemens/DPC Immulite 1000	19	269.841	7.2	5.59
SNIBE Maglumi analysers	15	303.214	2.1	2.01
Roche Integra	11	329.803	5.3	6.65
Fujirebio Lumipulse G Series	7	199.814	3.7	3.50
Roche Tinaquant	5	259.520	3.1	4.54

Folate, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	991	9.264	20.8	0.08	1.10	110
Roche Folate III - 04476433	10	9.889	8.5	0.33	1.18	2

▲ Your Result	10.770	SDI	0.75
		RMSDI	Too Few
■ Mean for Comparison	9.889	TS	84
		RMTS	Too Few
		%DEV	8.9
		RM%DEV	Too Few

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



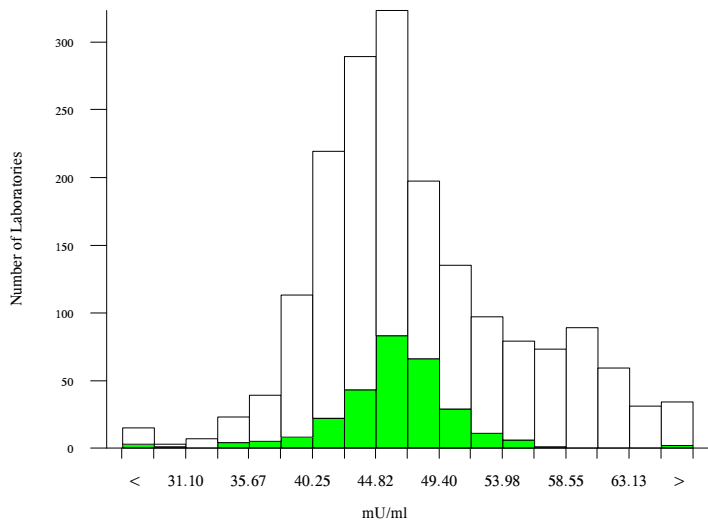
Method	N	Mean	CV%	U _m
Abbott Architect	223	8.025	6.8	0.05
Siemens Centaur XP/XPT/Classic(enhanced)	118	17.561	11.5	0.23
Roche Cobas 6000/8000	111	9.760	6.7	0.08
Roche Cobas 6000/8000 Folate III	93	9.692	5.1	0.06
Beckman DxI 600 / 800 - A98032	74	9.643	4.2	0.06
Roche Cobas 4000/e411	66	9.556	12.9	0.19
Beckman DxI 600 / 800 - A14208	61	9.624	6.3	0.10
Roche Folate III - 07559992	49	9.605	8.5	0.15
Siemens/DPC Immulite 2000	39	6.761	9.7	0.13
Roche cobas 4000/e411 Folate III	40	9.190	9.4	0.17
Beckman Access/LXi725	25	9.673	4.5	0.11
Roche Elecsys	21	9.196	15.5	0.39
Ortho Vitros 3600/5600/ECi	16	5.823	11.2	0.20
SNIBE Maglumi Analyser	10	9.736	2.7	0.10
Roche Folate III - 04476433	10	9.889	8.5	0.33
TOSOH	11	14.317	18.5	1.00
Roche Modular E170 Folate III	8	9.433	7.2	0.30
Roche Modular E170	7	9.535	2.2	0.10
Siemens Dimension	5	5.370	2.8	0.08
MP Biomedicals RIA	6	6.410	3.2	0.11
Siemens Centaur CP (enhanced kit)	5	18.859	10.4	1.09

FSH, mU/ml

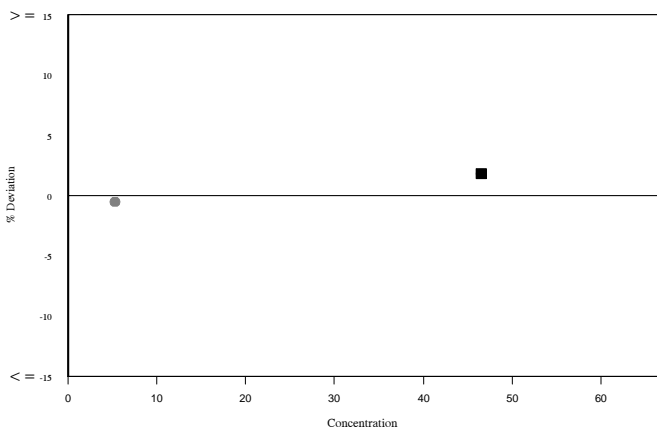
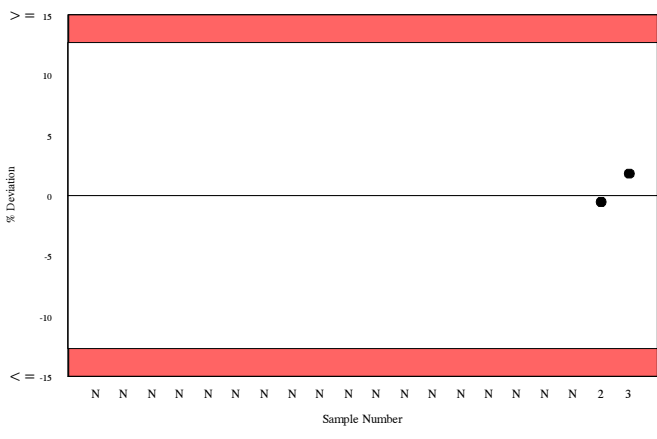
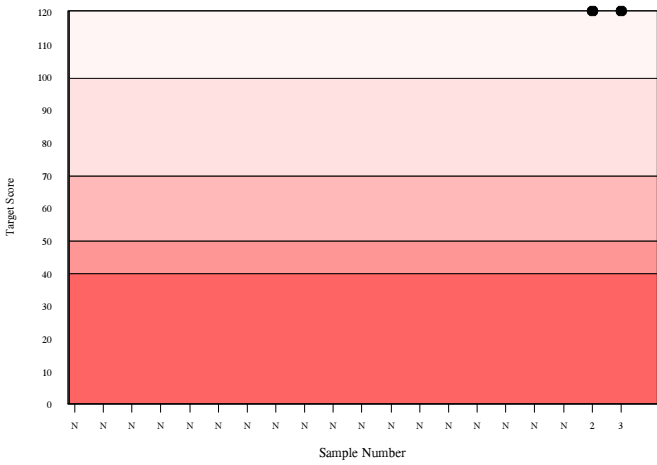
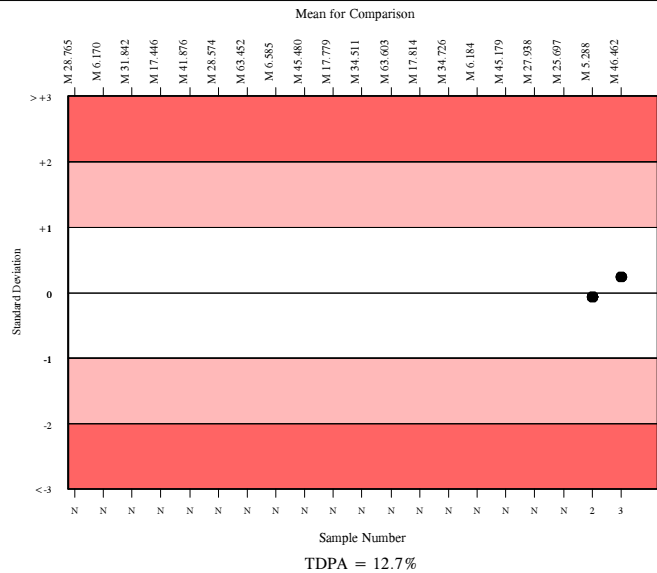
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1704	47.117	12.9	0.18	3.64	122
Roche Cobas 4000/e411	261	46.462	6.3	0.23	3.59	23

▲ Your Result	47.310	SDI	0.24
		RMSDI	Too Few
■ Mean for Comparison	46.462	TS	120
		RMTS	Too Few
		%DEV	1.8
		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	335	44.591	4.6	0.14
Abbott Architect	291	41.695	4.8	0.15
Roche Cobas 4000/e411	261	46.462	6.3	0.23
Siemens Centaur XP/XPT/Classic	177	60.481	4.8	0.27
Beckman DxI 600/800	141	51.017	7.2	0.39
bioMerieux, VIDAS	82	56.508	8.5	0.66
Siemens/DPC Immulite 2000/2500	59	46.662	4.9	0.37
Roche Elecsys	55	45.794	6.3	0.48
Beckman Access/LXi725	45	51.182	5.6	0.53
Tosoh	37	49.867	6.2	0.64
Ortho Vitros 3600/5600/ECi	34	36.255	3.6	0.28
Diasorin Liaison	34	58.351	10.9	1.36
Siemens/DPC Immulite 1000	33	47.594	8.8	0.91
Siemens Centaur CP	22	50.211	4.9	0.65
Roche Modular E170	26	43.688	6.1	0.65
SNIBE Maglumi analysers	19	51.519	2.5	0.37
Fujirebio Lumipulse G Series	10	38.981	5.5	0.85
DIAsource, IRMA	4	41.858	6.6	1.73
Siemens Dimension	2	41.485	5.3	1.96
Human ELISA	2	68.450	17.5	10.56
Immunotech IRMA	2	38.475	14.6	4.98



RIQAS

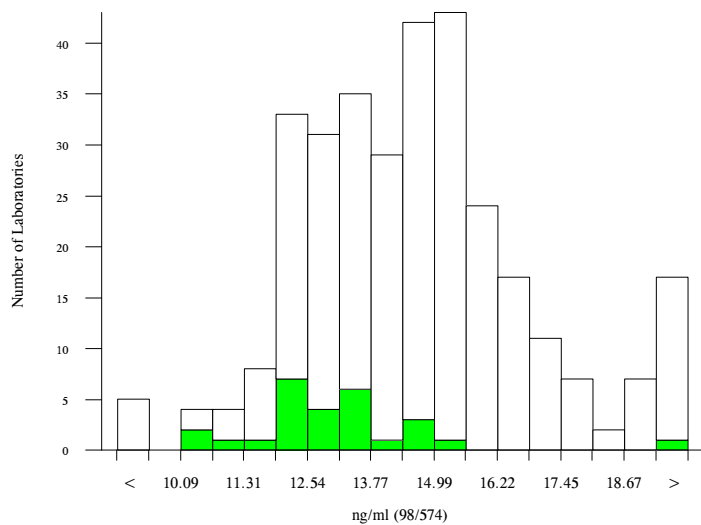


GH, ng/ml (98/574)

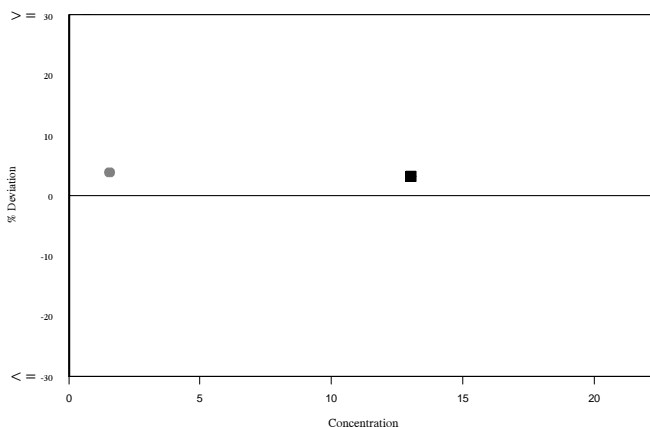
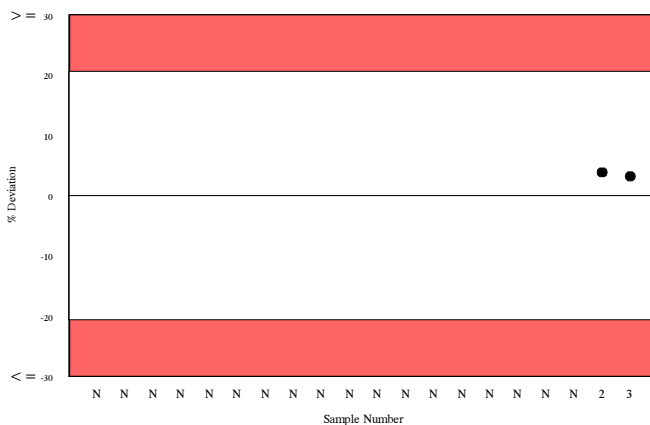
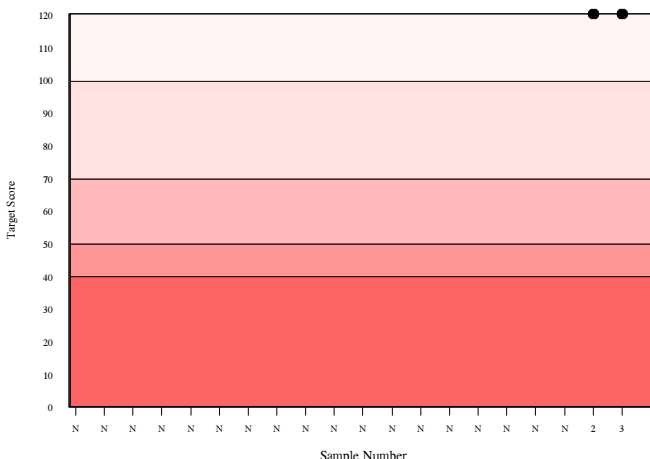
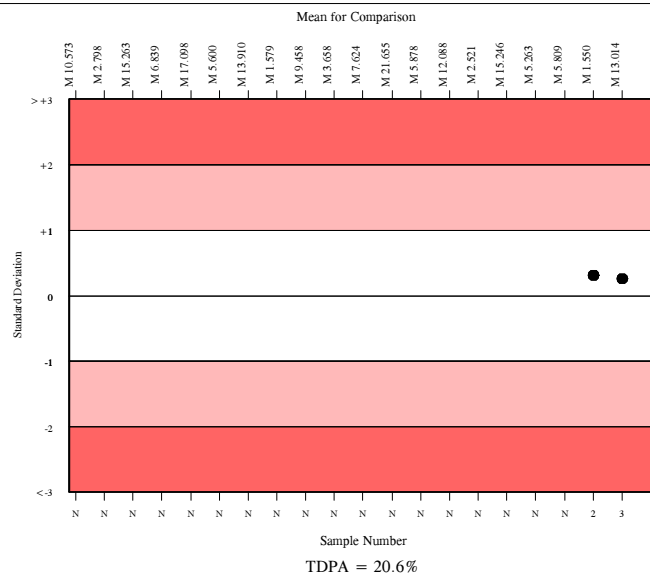
	N	Mean	CV%	U _m	SDPA	Exc.
<input type="checkbox"/> All Methods	287	14.386	11.4	0.12	1.80	32
<input checked="" type="checkbox"/> Roche Cobas 4000/e411	25	13.014	8.8	0.29	1.63	2

<input checked="" type="checkbox"/> Your Result	13.430	SDI	0.26
		RMSDI	Too Few
<input checked="" type="checkbox"/> Mean for Comparison	13.014	TS	120
		RMTS	Too Few
		%DEV	3.2
		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	100	15.448	7.1	0.14
Roche Cobas 6000/8000	36	12.682	5.9	0.15
Siemens/DPC Immulite 1000	30	15.066	6.5	0.22
Roche Cobas 4000/e411	25	13.014	8.8	0.29
Diasorin Liaison	23	13.937	5.5	0.20
Beckman DxI 600 / 800	14	12.227	6.3	0.26
SNIBE Maglumi analysers	13	19.619	4.8	0.33
Beckman Access/LXi725	14	13.183	6.7	0.29
Tosoh	9	16.593	4.7	0.32
IDS iSYS	9	14.163	6.7	0.39
CIS, IRMA	4	14.817	2.6	0.24
Roche Elecsys	3	12.487	3.9	0.35
Roche Modular E170	3	12.480	2.7	0.24
DIAsource IRMA	2	15.337	7.7	1.05

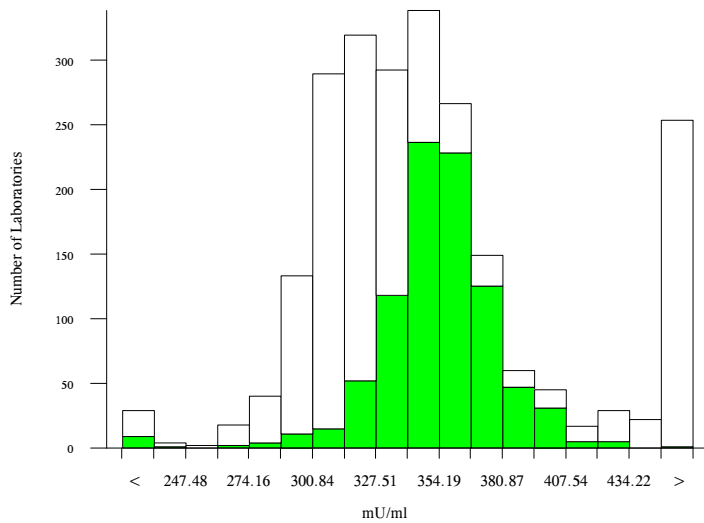


hCG, mU/ml

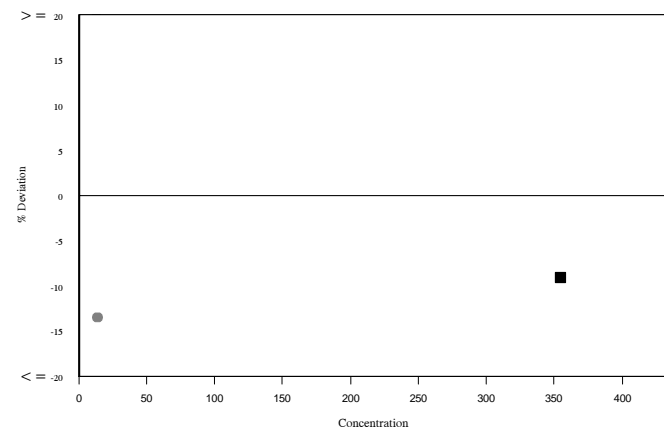
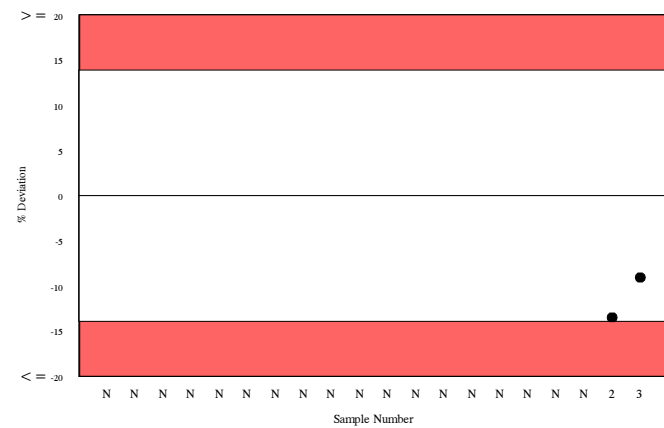
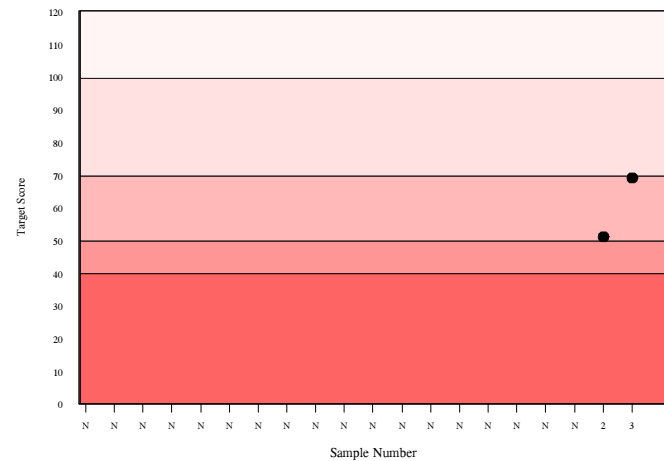
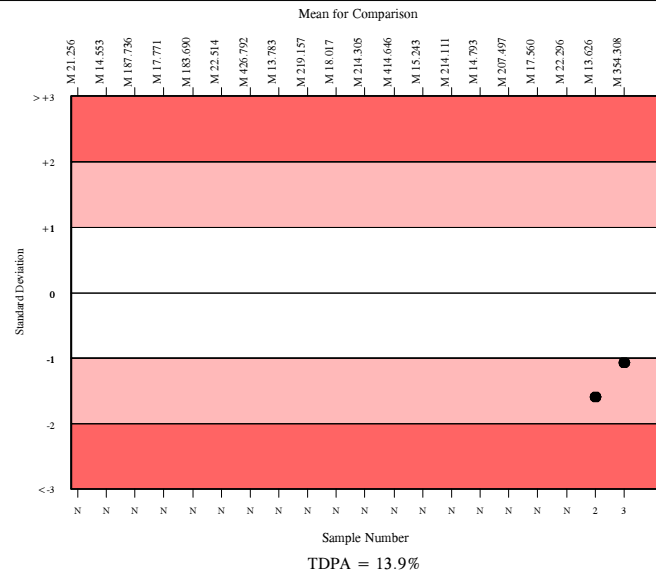
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2056	340.856	10.4	0.98	28.80	249
Roche hCG + Beta	817	354.308	4.9	0.77	29.94	73

▲ Your Result	322.200	SDI	-1.07
		RMSDI	Too Few
■ Mean for Comparison	354.308	TS	69
		RMTS	Too Few
		%DEV	-9.1
		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	817	354.308	4.9	0.77
Abbott Architect	386	310.865	3.8	0.74
Siemens Centaur XP/XPT/Classic	196	319.287	4.2	1.18
Beckman DxI 600 / 800	121	329.035	4.8	1.79
bioMerieux, VIDAS	101	471.630	8.2	4.82
Siemens/DPC Immulite 2000	66	544.881	6.5	5.45
Roche hCG STAT(Intact)	63	353.705	5.8	3.23
Ortho Vitros 3600/5600/ECi	51	479.561	4.3	3.57
Beckman Access/LXi725	45	325.084	5.1	3.11
Siemens Centaur CP	40	317.629	5.0	3.17
Beckman Access Total BhCG (5th IS)	42	326.432	4.6	2.92
Beckman DXI Total BhCG (5th IS)	34	333.680	4.4	3.14
Siemens/DPC Immulite 1000	27	544.256	14.1	18.46
Diasorin Liaison	27	297.709	10.0	7.18
SNIBE Maglumi analysers	19	412.113	4.8	5.70
Tosoh	17	469.526	8.2	11.70
Siemens Dimension	18	457.861	3.5	4.67
Fujirebio Lumipulse G Series	10	279.920	4.2	4.62
Roche Cobas Core EIA	11	356.273	3.7	4.98
Radiometer AQT90 Flex	8	324.625	4.7	6.68
Siemens Stratus CS	3	405.900	1.2	3.53

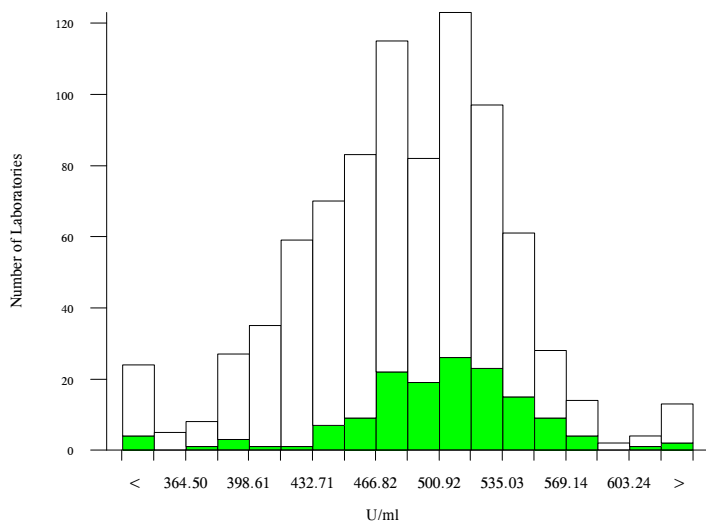


IgE, U/ml

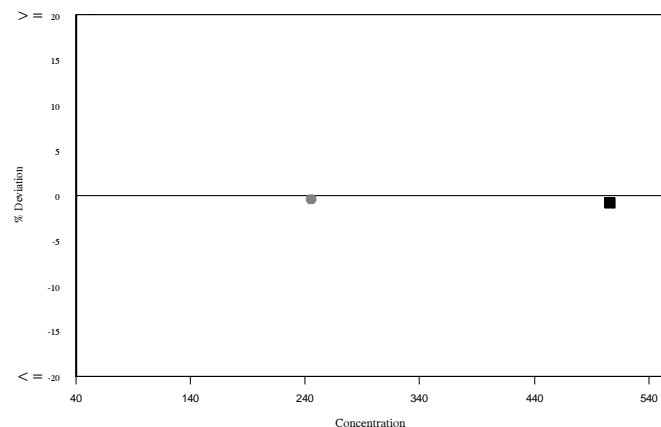
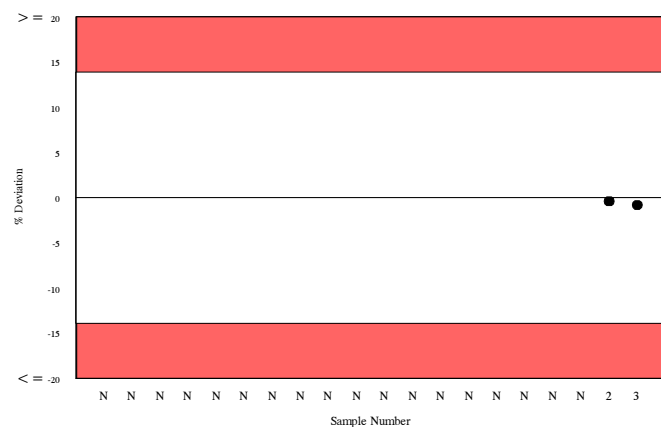
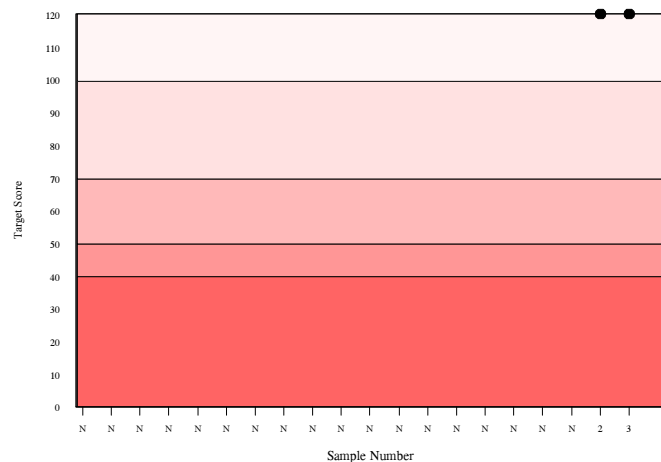
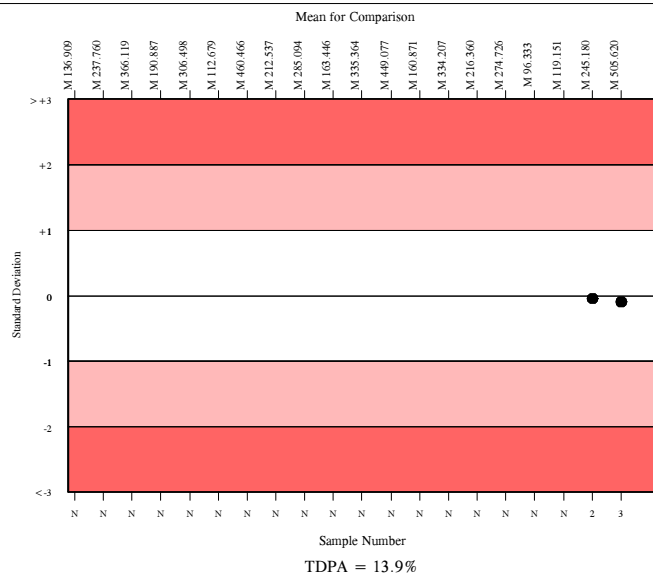
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	798	483.877	9.4	2.01	40.89	52
Roche Cobas 4000/e411	134	505.620	6.6	3.60	42.73	13

▲ Your Result	501.500	SDI	-0.10
		RMSDI	Too Few
■ Mean for Comparison	505.620	TS	120
		RMTS	Too Few
		%DEV	-0.8
		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	152	519.380	4.4	2.32
Roche Cobas 4000/e411	134	505.620	6.6	3.60
Siemens Centaur XP/XPT/Classic	82	452.566	5.6	3.49
Siemens/DPC Immulite 2000/2500	84	482.139	9.2	6.04
bioMerieux, VIDAS	51	451.564	11.0	8.69
Beckman Dxi 600 / 800	50	448.020	9.7	7.65
Abbott Architect	46	481.036	4.7	4.15
TOSOH	30	474.879	5.0	5.37
Siemens/DPC Immulite 1000	24	502.521	7.0	9.04
Phadia Immucap instruments	21	440.048	6.7	8.07
Roche Elecsys	16	516.888	5.0	8.09
Roche Modular E170	13	503.410	5.5	9.59
Beckman Access/LXi725	12	451.913	11.4	18.63
SNIBE Maglumi analysers	10	415.710	0.9	1.43
Siemens Centaur CP	8	458.838	8.6	17.50
Fujirebio Lumipulse G Series	6	410.325	2.0	4.26
Siemens/Dade Behring Nephelometer	5	501.000	6.3	17.69
Randox RX series Instruments	5	467.070	10.1	26.35
Monobind Inc. ELISA / CLIA	5	328.364	28.1	51.50
Beckman Immage	3	438.073	20.4	64.52
Biomed	3	493.333	11.4	40.57

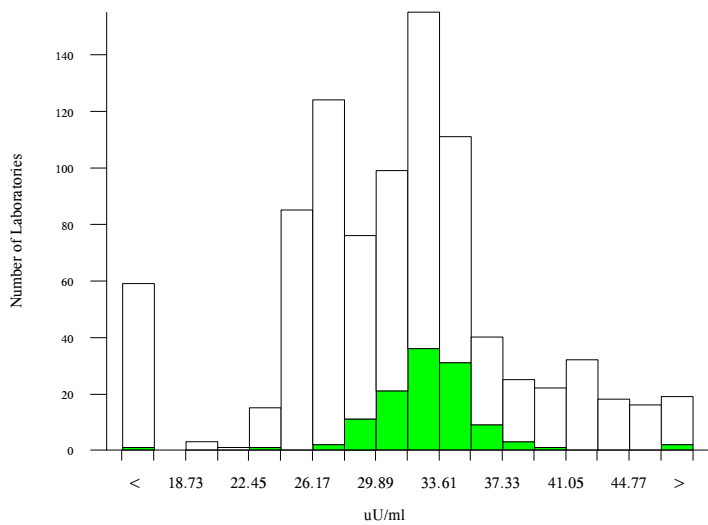


Insulin, uU/ml

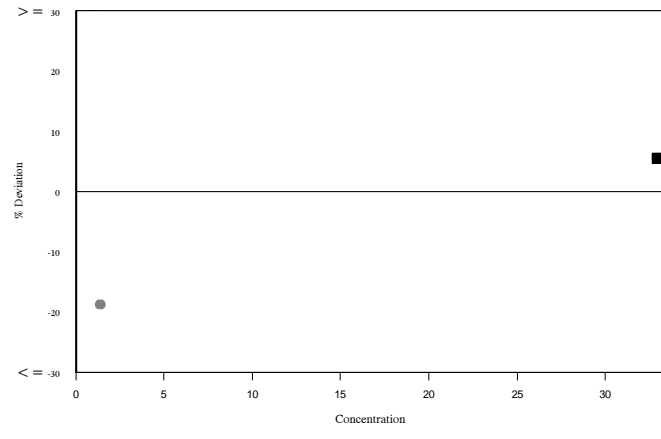
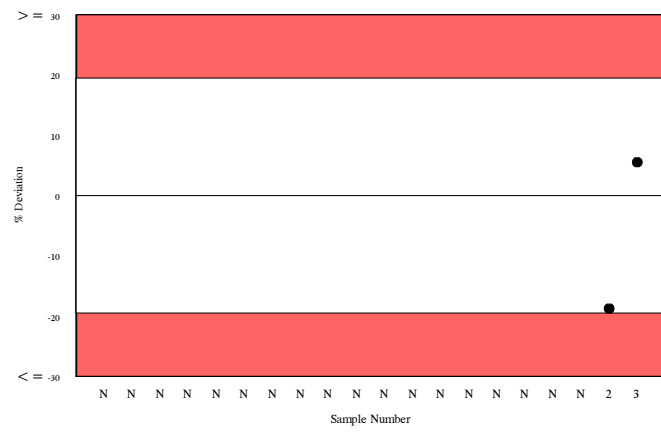
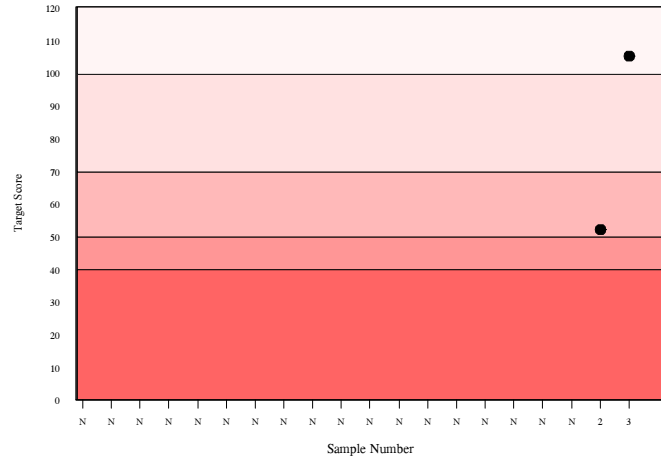
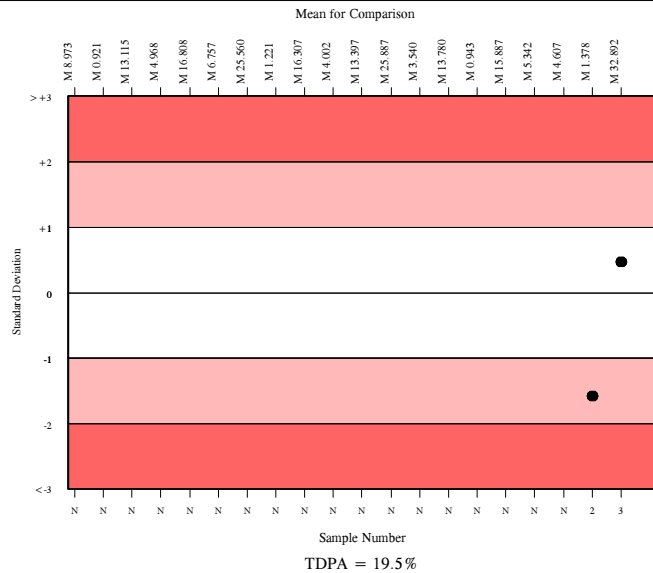
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	812	31.755	15.6	0.22	3.76	88
Roche Cobas 4000/e411	107	32.892	6.2	0.25	3.90	11

▲ Your Result	34.710	SDI	0.47
		RMSDI	Too Few
■ Mean for Comparison	32.892	TS	105
		RMTS	Too Few
		%DEV	5.5
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	181	33.120	4.1	0.13
Abbott Architect	152	26.231	3.8	0.10
Roche Cobas 4000/e411	107	32.892	6.2	0.25
Beckman DxI 600 / 800	89	28.841	6.9	0.26
Siemens Centaur XP/XPT/Classic	86	42.136	6.3	0.36
Siemens/DPC Immulite 2000	33	9.718	21.5	0.45
Tosoh	24	34.620	5.4	0.48
Roche Elecsys	22	32.572	6.6	0.57
SNIBE Maglumi analysers	24	25.862	5.7	0.37
DiaSorin, Liaison	19	38.559	10.6	1.18
Beckman Access/LXi725	13	29.497	3.2	0.33
Roche Modular E170	17	31.909	4.4	0.43
Siemens/DPC Immulite 1000	12	10.278	9.8	0.36
Siemens Centaur CP	10	43.179	5.5	0.95
Fujirebio Lumipulse G Series	8	28.525	5.8	0.73
CIS, RIA coated tube	3	31.030	16.6	3.73
Diasource IRMA	3	32.517	17.5	4.11

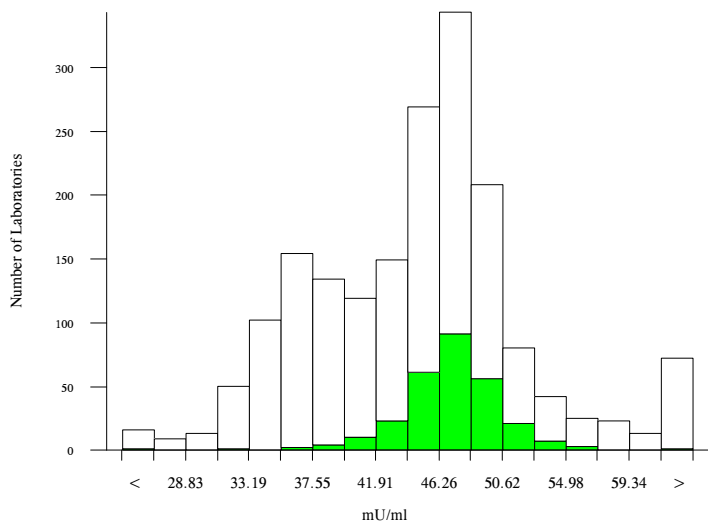
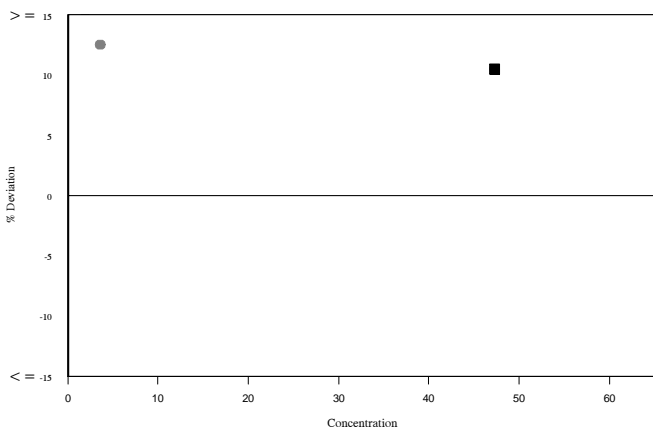
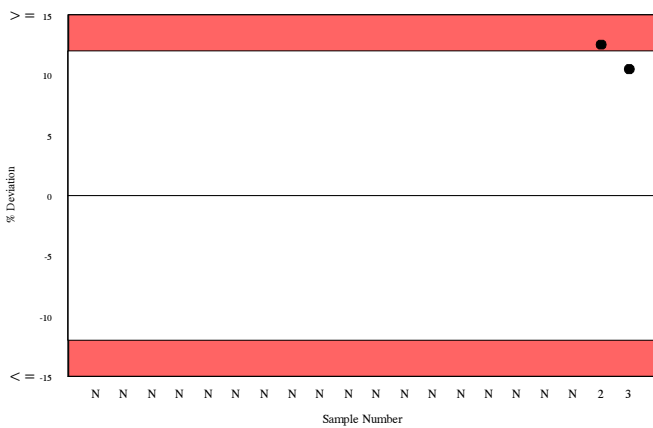
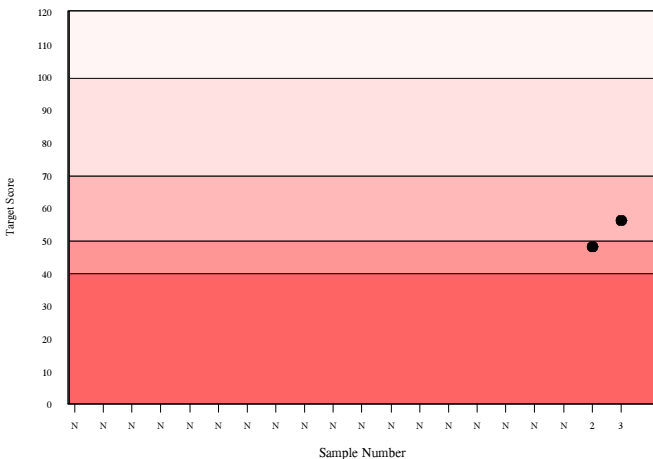
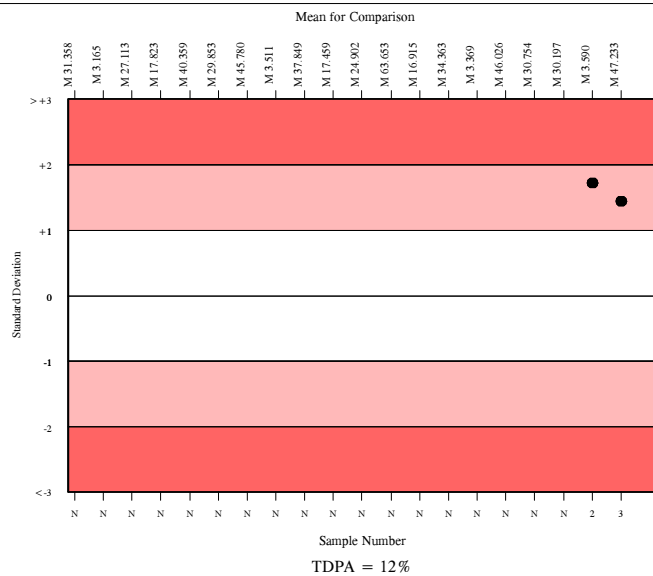


LH, mU/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1698	44.089	13.2	0.18	3.22	123
Roche Cobas 4000/e411	257	47.233	5.1	0.19	3.45	24

▲ Your Result	52.190	SDI	1.44
		RMSDI	Too Few
■ Mean for Comparison	47.233	TS	56
		RMTS	Too Few
		%DEV	10.5
		RM%DEV	Too Few

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



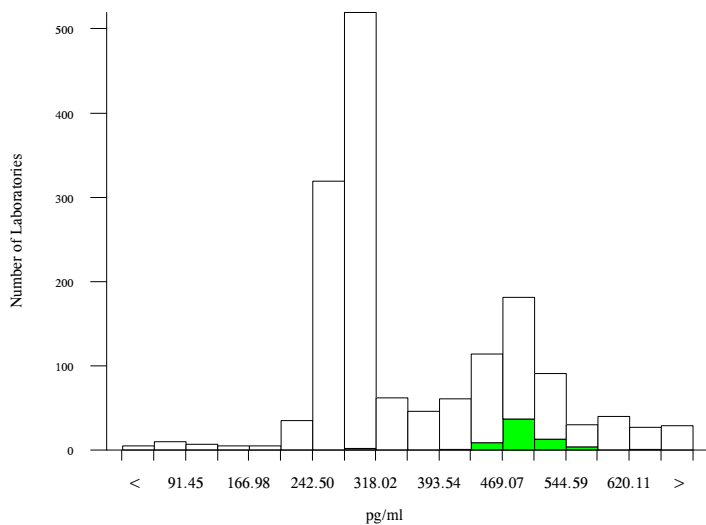
Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	333	47.429	3.6	0.12
Abbott Architect	287	37.760	7.3	0.20
Roche Cobas 4000/e411	257	47.233	5.1	0.19
Siemens Centaur XP/XPT/Classic	178	46.074	5.9	0.26
Beckman DxI 600 / 800	134	35.286	5.5	0.21
bioMerieux, VIDAS	79	42.801	6.4	0.38
Siemens/DPC Immulite 2000	58	62.316	8.6	0.88
Roche Elecsys	52	46.991	5.5	0.45
Beckman Access/LXi725	49	36.131	6.1	0.40
Tosoh	35	44.035	3.8	0.35
Ortho Vitros 3600/5600/ECi	39	53.240	4.3	0.46
Diasorin Liaison	35	57.815	8.1	0.99
Siemens/DPC Immulite 1000	24	64.915	3.3	0.54
Roche Modular E170	26	46.614	2.9	0.33
Siemens Centaur CP	25	46.080	5.1	0.59
SNIBE Maglumi analysers	21	47.239	4.6	0.60
Fujirebio Lumipulse G Series	9	41.772	5.7	0.99
DIAsource, IRMA	4	34.090	7.6	1.61
Siemens Dimension	2	52.950	0.5	0.25
Immunotech IRMA	2	56.785	10.7	5.38
Monobind Inc. ELISA/CLIA	2	59.250	27.6	14.44

Oestradiol, pg/ml

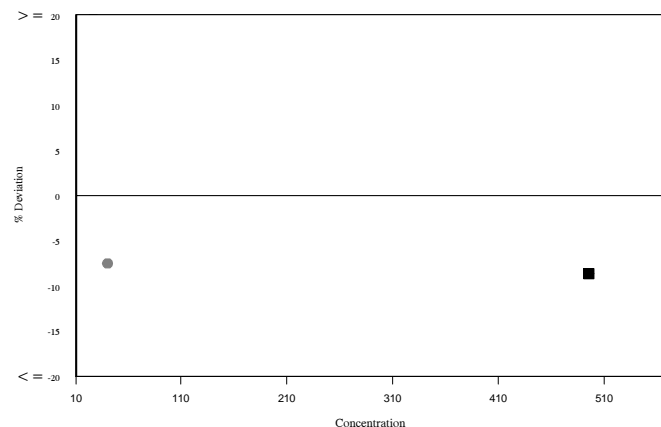
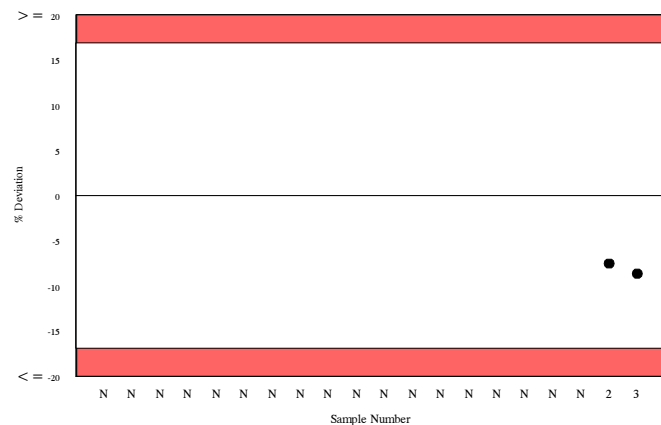
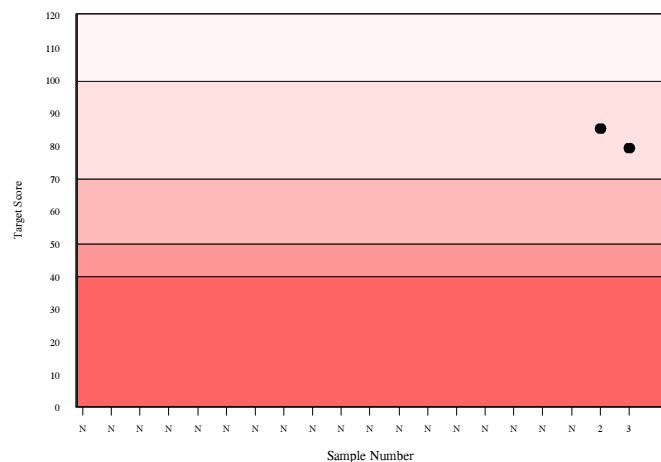
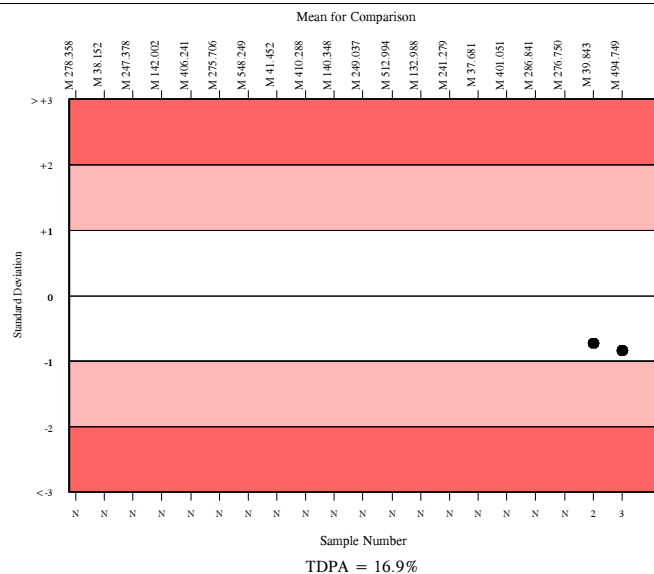
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1492	355.787	28.3	3.26	36.56	95
Siemens/DPC Immulite 2000/2500	62	494.749	5.3	4.13	50.83	5

▲ Your Result	452.000	SDI	-0.84
		RMSDI	Too Few
■ Mean for Comparison	494.749	TS	79
		RMTS	Too Few
		%DEV	-8.6
		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	264.023	3.6	0.76
Roche Cobas 6000/8000 (Estradiol III)	187	299.640	3.7	1.01
Beckman DxI 600 / 800	129	440.770	8.5	4.14
Roche Cobas 6000/8000 (Estradiol II)	111	298.482	4.4	1.56
Roche Cobas 4000/e411 (Estradiol II)	106	294.823	6.1	2.17
Roche Cobas 4000/e411 (Estradiol III)	111	298.173	3.9	1.39
Siemens Centaur XP/XPT/Classic (eE2)	95	487.494	4.4	2.72
bioMerieux, VIDAS	67	611.972	5.3	4.97
Siemens/DPC Immulite 2000/2500	62	494.749	5.3	4.13
Siemens Centaur XP/XPT/Classic	49	491.743	5.2	4.60
Beckman Access/LXi725	40	457.044	12.9	11.62
Roche Elecsys (Estradiol II)	32	295.722	5.7	3.73
Siemens/DPC Immulite 1000	28	508.084	9.5	11.39
Ortho Vitros 3600/5600/ECi	23	514.154	4.8	6.40
Tosoh (E2)	16	365.348	5.2	5.91
Diasorin Liaison	20	218.350	5.1	3.12
SNIBE Maglumi analysers	15	697.342	1.6	3.59
Tosoh (iE2-hsE2)	17	358.859	6.8	7.45
Roche Elecsys (Estradiol III)	15	296.740	3.5	3.32
Roche Modular E170 (Estradiol III)	15	293.603	3.5	3.29
Siemens Centaur CP	10	495.426	7.6	14.94

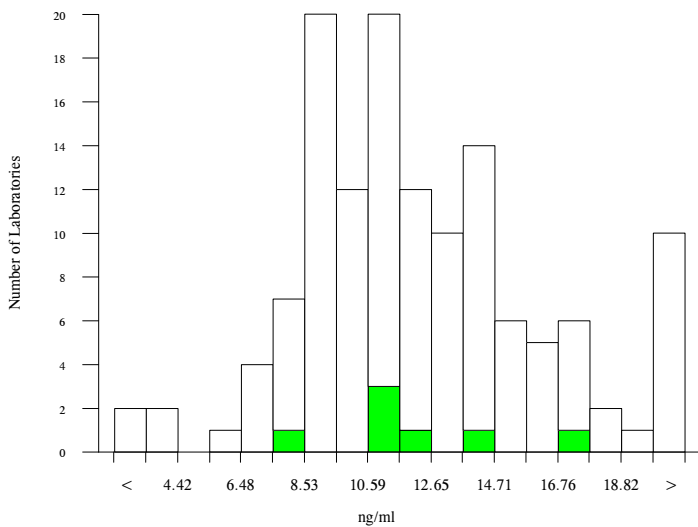


17-OH-Progesterone, ng/ml

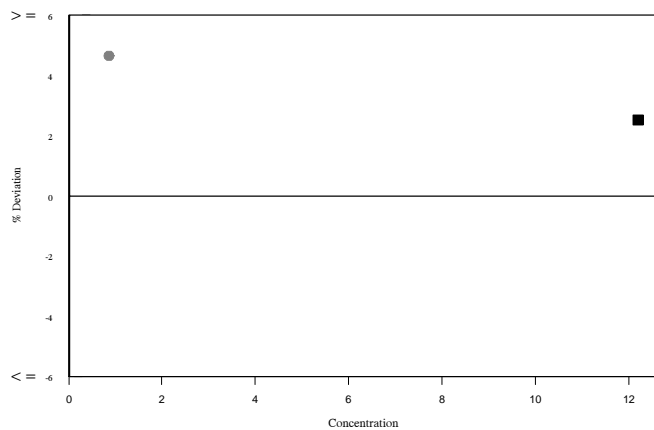
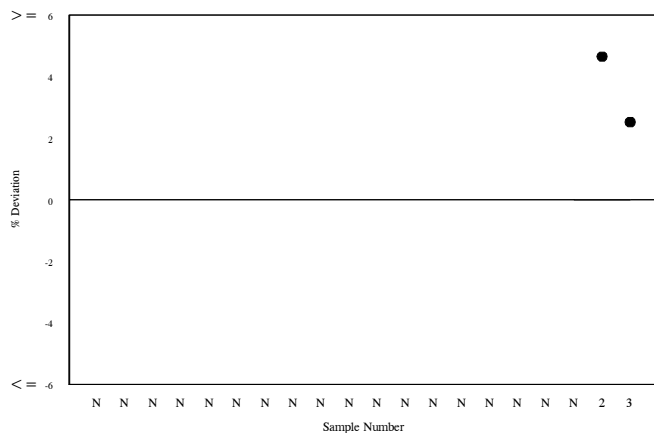
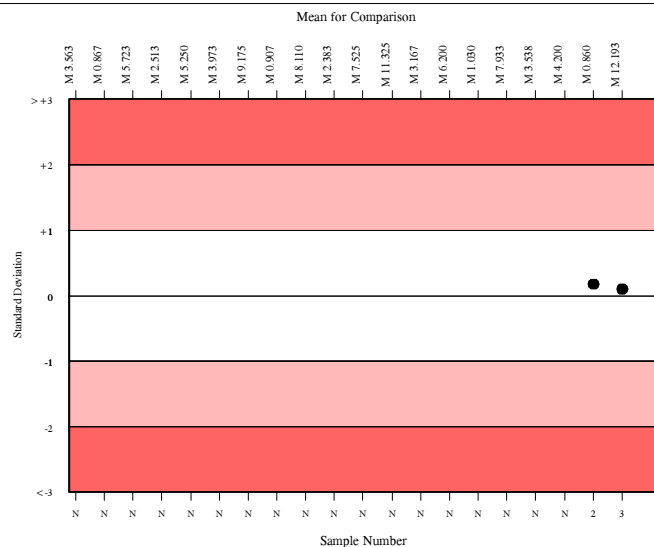
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	117	11.625	23.6	0.32	2.74	17
DiaMetra ELISA	7	12.193	23.2	1.34	3.13a	0

▲ Your Result	12.500	SDI RMSDI	0.10 Too Few
■ Mean for Comparison	12.193	TS RMTS	N/A N/A
		%DEV RM%DEV	2.5 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	14.420	14.0	0.49
ELISA	13	12.509	18.4	0.80
DIASource ELISA	10	9.906	24.2	0.95
DIASource RIA	9	10.671	12.9	0.57
SNIBE Maglumi analysers	9	8.744	0.9	0.03
Immunotech RIA	10	9.499	13.5	0.51
DiaMetra ELISA	7	12.193	23.2	1.34
Novatec ELISA	5	11.650	17.6	1.14
IBL ELISA	6	12.816	31.8	2.08
Monobind Inc. ELISA / CLIA	4	9.430	21.1	1.24
CIS, RIA Coated Tube	3	9.283	12.4	0.83
Beckman Coulter RIA	2	11.325	29.9	2.99
Labor Diagnostike Nord ELISA	2	11.700	3.6	0.37
MP Biomedicals RIA	2	12.050	15.8	1.69
Roche Cobas 4000/e411	2	30.335	1.5	0.39

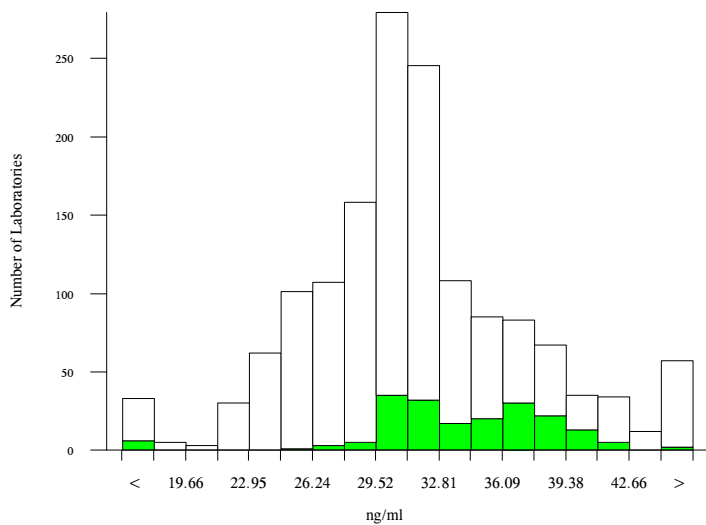
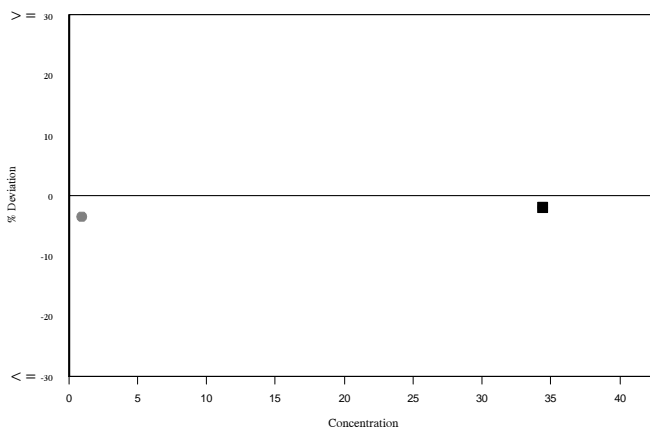
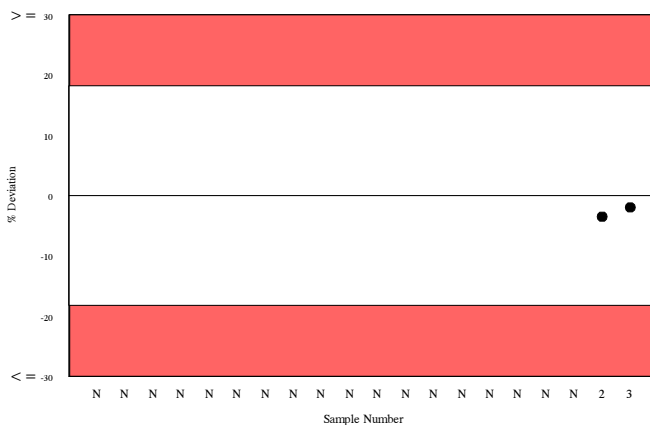
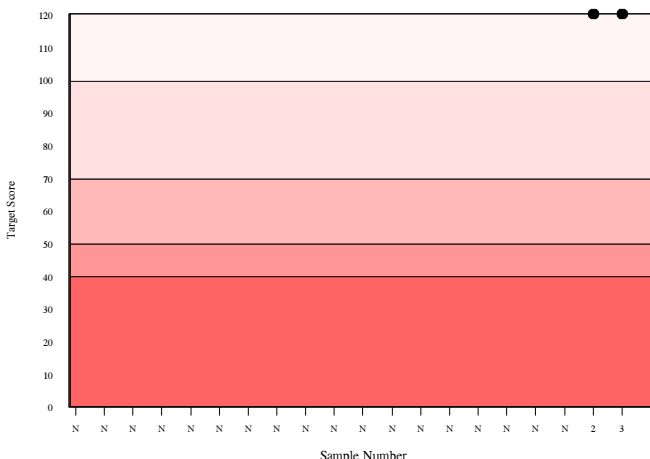
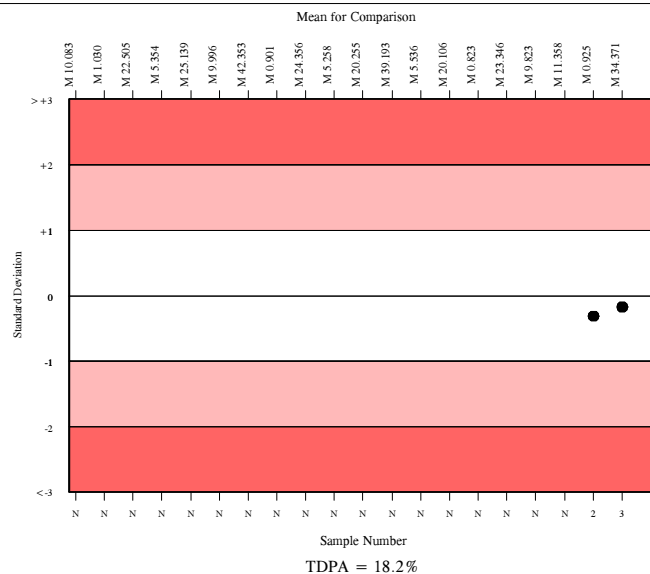


Progesterone, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1391	31.168	14.1	0.15	3.45	115
Roche Cobas 4000/e411 (Prog. II)	180	34.371	10.3	0.33	3.80	11

▲ Your Result	33.700	SDI	-0.18
		RMSDI	Too Few
■ Mean for Comparison	34.371	TS	120
		RMTS	Too Few
		%DEV	-2.0
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Abbott Architect	223	29.821	8.3	0.21
Roche Cobas 6000/8000 (Prog. II)	210	33.038	9.9	0.28
Roche Cobas 4000/e411 (Prog. II)	180	34.371	10.3	0.33
Siemens Centaur XP/XPT/Classic	140	25.565	7.3	0.20
Beckman DXI Prog. Cal 33555	93	31.671	7.3	0.30
bioMerieux, VIDAS	83	44.457	7.8	0.47
Roche Cobas 6000/8000 (Prog. III)	71	30.772	4.1	0.19
Siemens/DPC Immulite 2000/2500	59	24.437	6.1	0.24
Roche Cobas 4000/e411 (Prog. III)	45	30.999	3.2	0.19
Roche Elecsys (Prog. II)	42	33.245	7.4	0.47
Beckman Access Prog. Cal 33555	38	32.430	9.2	0.60
Tosoh	34	33.654	9.2	0.67
Siemens/DPC Immulite 1000	30	28.272	10.8	0.69
Beckman DXI Prog.DE Cal. A80773	20	29.065	6.8	0.55
Ortho Vitros 3600/5600/ECi	19	33.136	4.5	0.42
SNIBE Maglumi analysers	18	29.777	3.3	0.29
Diasorin Liaison	18	25.089	13.3	0.98
Roche Modular E170 (Prog. II)	14	33.133	6.3	0.69
Siemens Centaur CP	14	26.412	6.0	0.53
Roche Modular E170 (Prog. III)	12	30.314	4.3	0.47
Beckman Access Prog.DE Cal. A80773	4	32.144	4.8	0.96



RIQAS

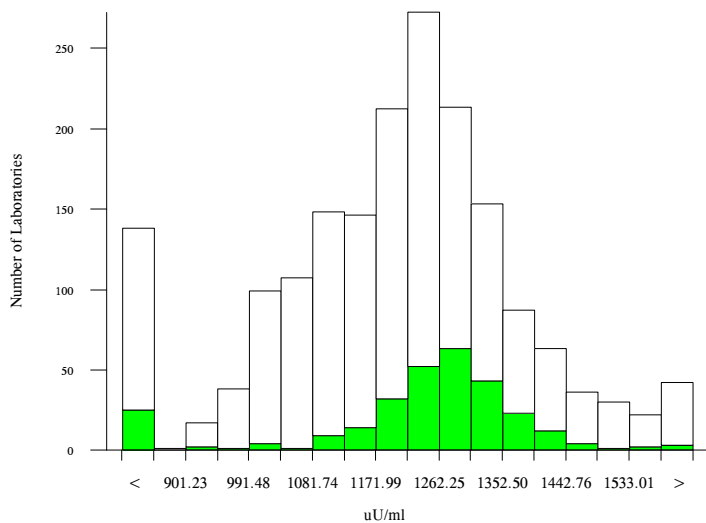
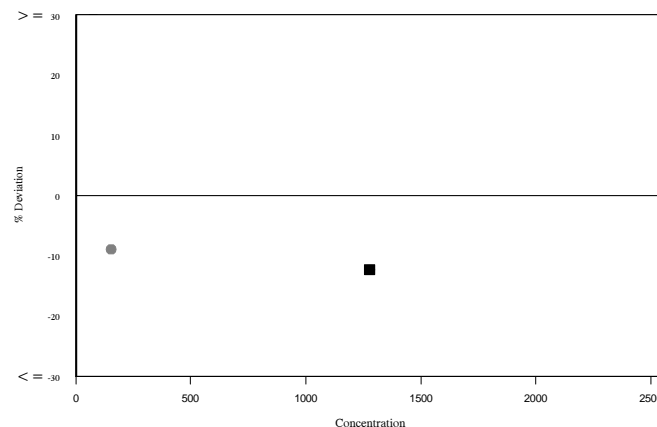
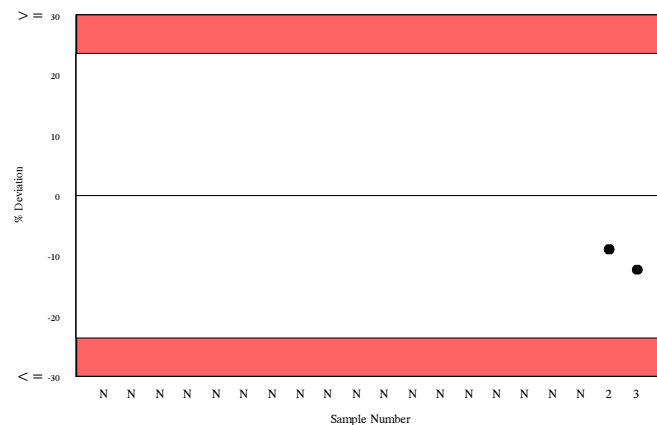
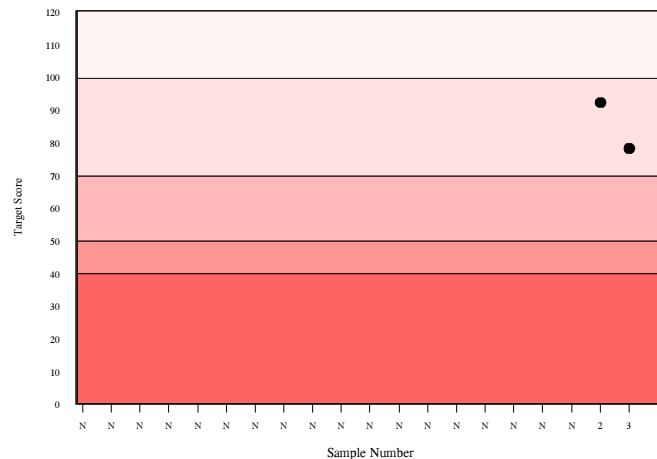
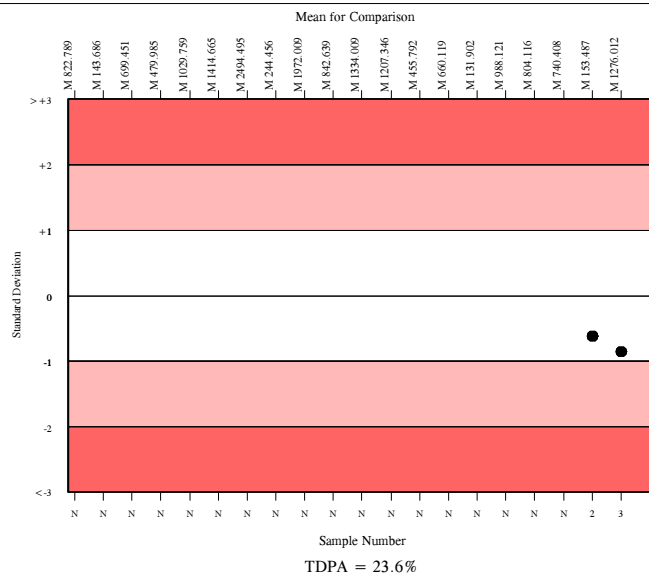
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Prolactin, uU/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1591	1217.124	9.9	3.77	174.63	234
Roche Cobas 4000/e411	247	1276.012	5.7	5.75	183.08	45

▲ Your Result	1119.000	SDI	-0.86
		RMSDI	Too Few
■ Mean for Comparison	1276.012	TS	78
		RMTS	Too Few
		%DEV	-12.3
		RM%DEV	Too Few

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



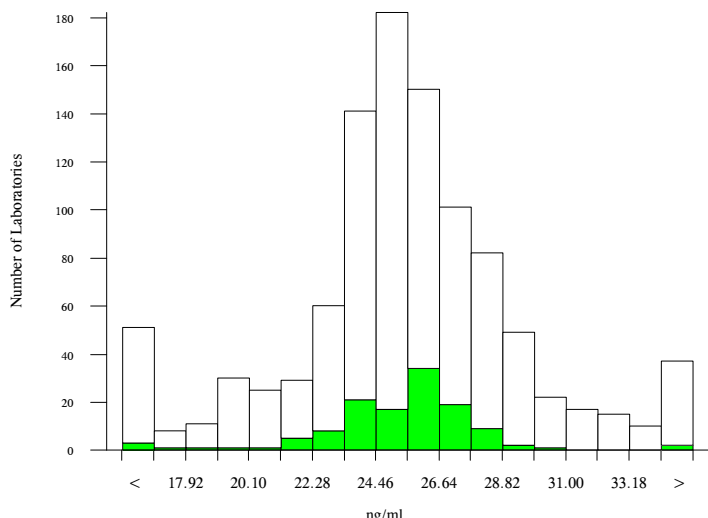
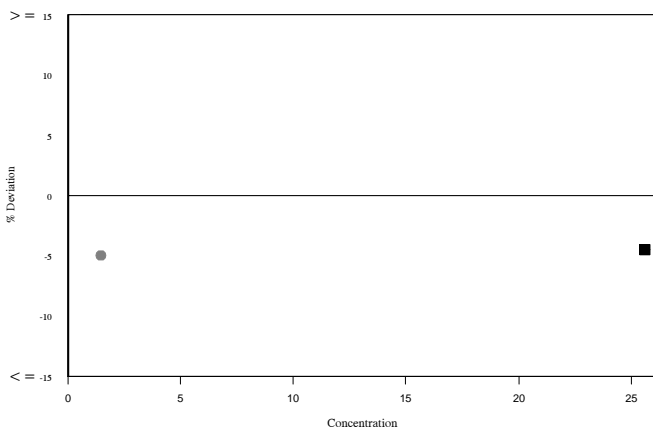
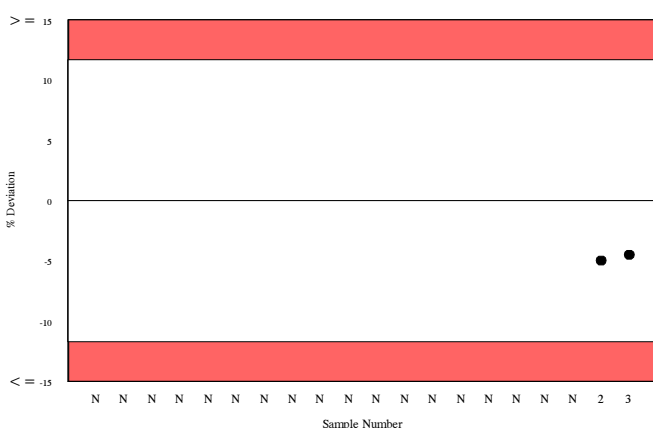
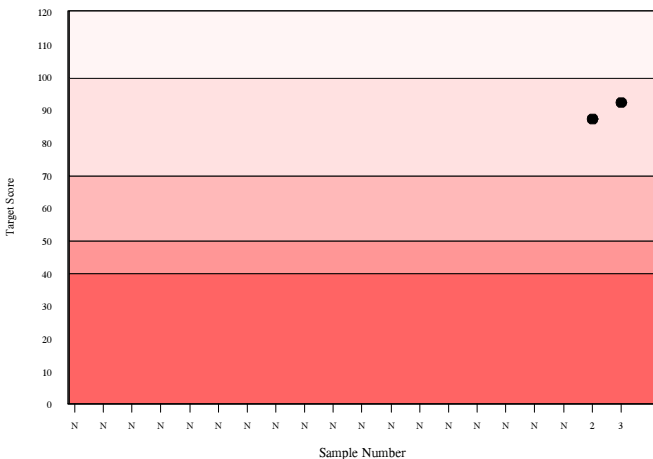
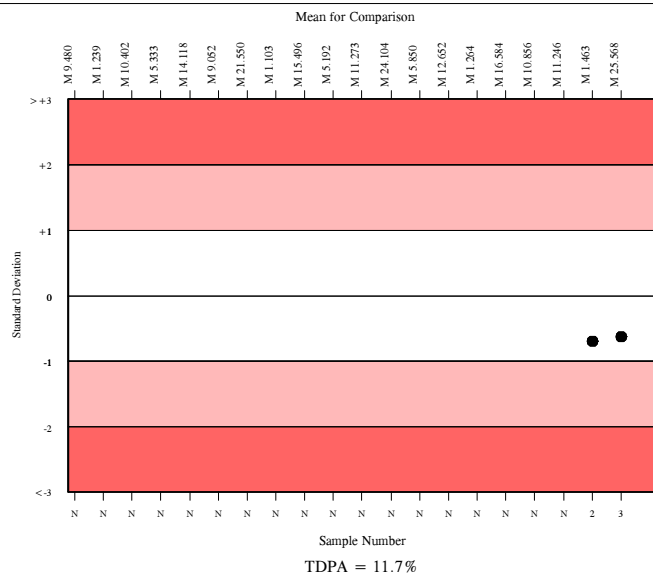
Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	284	1235.307	3.8	3.51
Roche Cobas 4000/e411	247	1276.012	5.7	5.75
Abbott Architect	236	1299.995	6.7	7.14
Siemens Centaur XP/XPT/Classic	167	1075.152	5.6	5.85
Beckman DxI 600 / 800	113	1052.850	5.6	6.94
bioMerieux, VIDAS	71	1444.186	10.0	21.48
Siemens/DPC Immulite 2000/2500	60	1133.041	5.7	10.49
Roche Elecsys	43	1248.972	7.2	17.25
Beckman Access/LXi725	42	1089.144	7.0	14.65
Roche Elecsys/E170/Cobas 6000/8000 PRLII	41	1224.060	4.7	11.19
Abbott Architect (Re-standardised)	44	1277.642	5.5	13.33
Ortho Vitros 3600/5600/ECi	38	1077.256	5.2	11.32
Tosoh	33	1372.038	15.1	45.09
Siemens/DPC Immulite 1000	31	1228.387	7.2	19.98
Diasorin Liaison	28	1308.693	6.7	20.84
Siemens Centaur CP	22	1084.841	7.4	21.41
SNIBE Maglumi analysers	22	1315.997	6.4	22.41
Roche Modular E170	17	1216.935	3.4	12.39
Fujirebio Lumipulse G Series	8	1501.186	3.0	20.03
Immunotech IRMA	9	1386.463	3.6	21.00
Siemens Dimension	3	1407.327	2.1	21.45

PSA, Free, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	928	25.554	11.4	0.12	1.82	199
Roche Cobas 4000/e411	112	25.568	6.5	0.20	1.82	13

▲ Your Result	24.420	SDI	-0.63
		RMSDI	Too Few
■ Mean for Comparison	25.568	TS	92
		RMTS	Too Few
		%DEV	-4.5
		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	242	25.116	4.3	0.09
Abbott Architect	202	27.320	6.8	0.16
Roche Cobas 4000/e411	112	25.568	6.5	0.20
Siemens Centaur XP/XPT/Classic	95	25.357	6.5	0.21
Beckman DXI standardised to Hybritech	61	30.780	16.3	0.81
Siemens/DPC Immulite 2000/2500	35	21.687	7.4	0.34
BioMerieux VIDAS	18	34.848	16.4	1.69
Beckman Access standardised to Hybritech	22	29.332	20.3	1.58
Roche Elecsys	23	25.516	4.4	0.29
Diasorin Liaison	23	10.959	6.8	0.20
SNIBE Maglumi analysers	18	24.415	3.9	0.28
Roche Modular E170	20	24.645	4.4	0.30
Siemens/DPC Immulite 1000	16	19.984	13.8	0.86
TOSOH	8	24.656	9.5	1.03
Fujirebio Lumipulse G Series	13	18.792	5.4	0.35
Beckman DXI standard to WHO IRP96/670	4	23.708	27.7	4.11
Ortho Vitros 3600/5600/ECi PSA II	8	22.190	3.4	0.33
Siemens Dimension	6	19.183	2.8	0.27
Ortho Vitros 3600/5600/ECi	5	21.960	6.9	0.84
CIS, RIA coated tube	4	20.638	3.1	0.40
Beckman Access standard to WHO IRP96/670	1	20.400	0.0	0.00

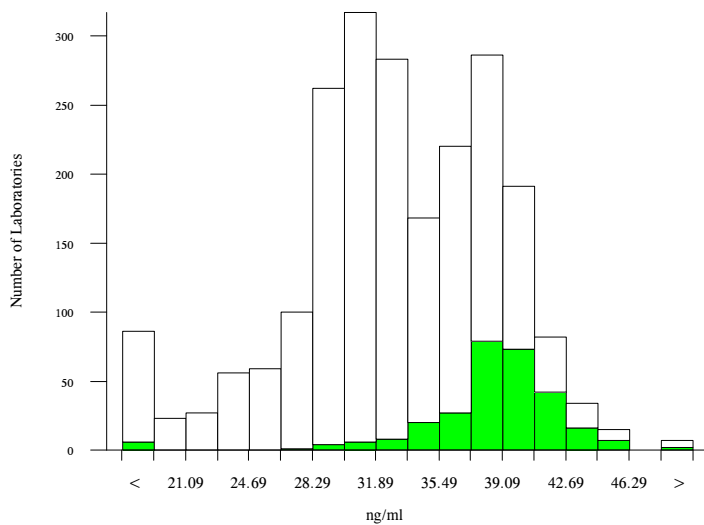


PSA, Total, ng/ml

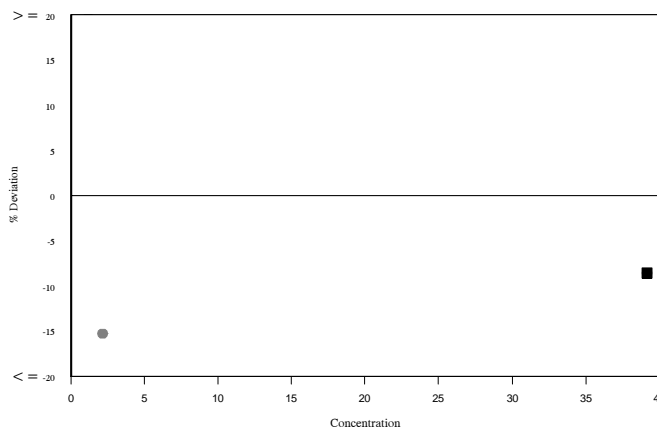
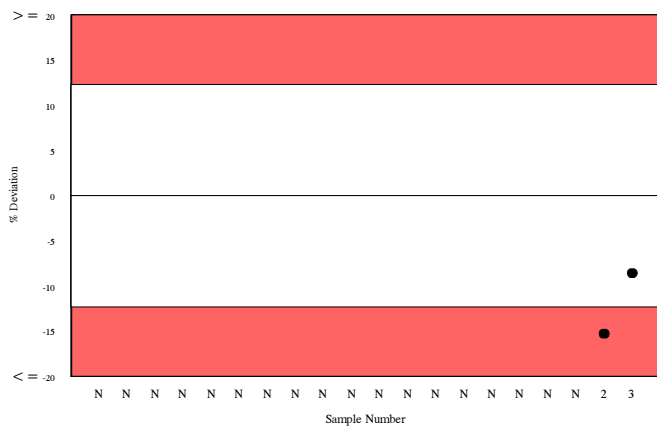
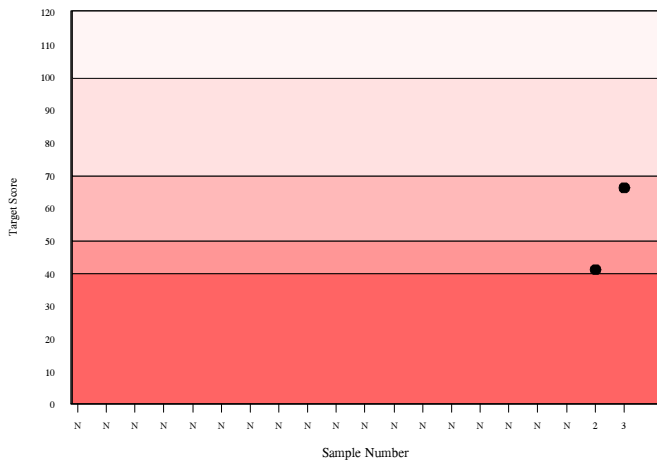
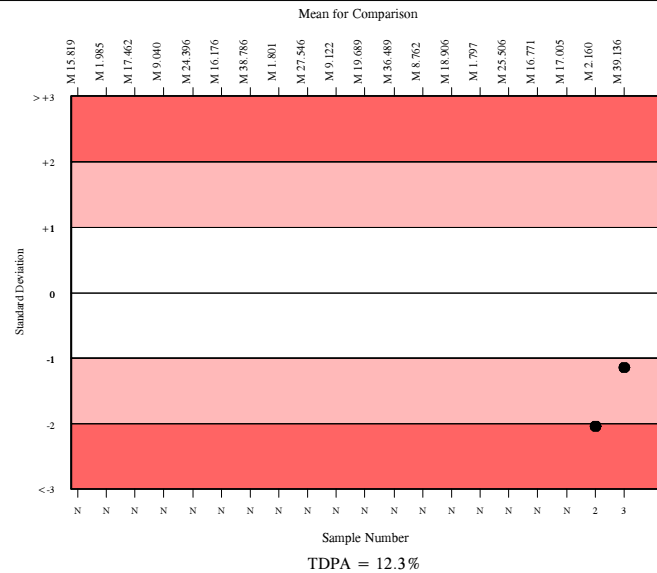
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2084	33.697	14.2	0.13	2.52	134
Roche Cobas 4000/e411	259	39.136	5.9	0.18	2.93	33

▲ Your Result	35.780	SDI	-1.15
		RMSDI	Too Few
■ Mean for Comparison	39.136	TS	66
		RMTS	Too Few
		%DEV	-8.6
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	424	37.866	4.6	0.11
Abbott Architect	395	30.942	6.1	0.12
Roche Cobas 4000/e411	259	39.136	5.9	0.18
Siemens Centaur XP/XPT/Classic	229	30.139	6.7	0.17
Beckman DXI standardised to Hybritech	143	31.956	5.1	0.17
Beckman Access standardised to Hybritech	69	32.284	4.4	0.21
Roche Elecsys	54	38.473	6.6	0.43
Siemens Immulite 2000/2500, Total PSA	52	24.968	5.5	0.24
Diasorin Liaison	44	15.011	7.7	0.22
bioMerieux, Vidas TPSA	42	31.454	6.9	0.42
Tosoh	39	20.124	11.6	0.47
Ortho Vitros 3600/5600/ECi PSA II	38	36.251	3.0	0.22
Siemens Centaur CP	32	30.513	5.1	0.35
Siemens Immulite 1000, Total PSA	31	22.745	8.0	0.41
SNIBE Maglumi analysers	28	38.992	14.2	1.30
Roche Modular E170	28	37.270	5.1	0.45
Beckman Access standard to WHO IRP96/670	19	31.904	4.8	0.44
Beckman DXI standard to WHO IRP96/670	18	23.858	3.2	0.23
CIS, RIA coated tube	14	29.387	2.0	0.19
bioMerieux, Vidas	14	31.390	7.2	0.75
Ortho Vitros 3600/5600/ECi	14	35.457	5.2	0.62



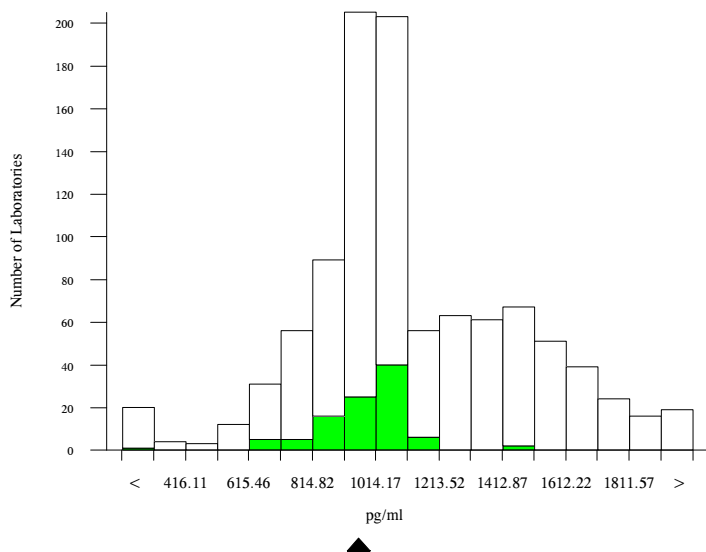
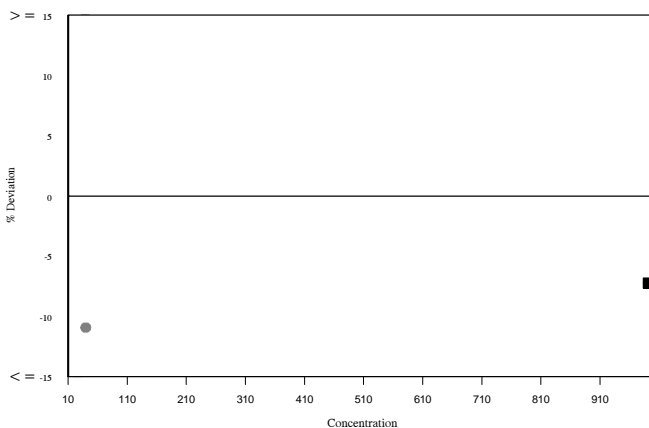
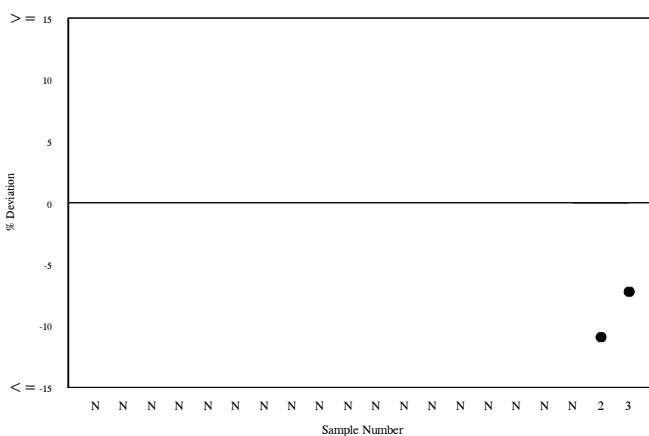
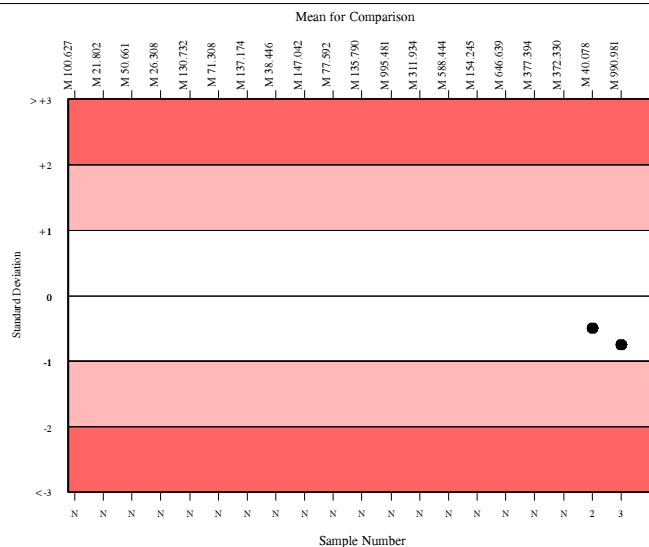
RIQAS

Parathyroid hormone, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	943	1113.847	23.9	10.82	265.80	77
Roche Cobas 4000/e411 PTH/PTH STAT	91	990.981	9.6	12.47	95.18	9

▲ Your Result	919.300	SDI	-0.75
		RMSDI	Too Few
■ Mean for Comparison	990.981	TS	N/A
		RMTS	N/A
		%DEV	-7.2
		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	168	997.891	6.9	6.66
Abbott Architect	123	1380.385	7.6	11.87
Siemens Centaur XP/XPT/Classic	99	1554.189	8.9	17.40
Roche Cobas 4000/e411 PTH/PTH STAT	91	990.981	9.6	12.47
Beckman DxI 600 / 800	88	1039.551	9.7	13.41
Roche Cobas 4000/e411 PTH (1-84)	57	951.979	14.6	22.98
Roche Cobas 6000/8000 PTH (1-84)	55	924.778	14.6	22.69
Siemens/DPC Immulite 2000	49	1721.452	13.8	42.35
Roche Elecsys PTH/PTH STAT	30	981.580	9.5	21.28
DiaSorin, Liaison 1-84 PTH	21	722.303	13.5	26.56
Beckman Access/LXi725	19	1025.137	8.4	24.84
Tosoh	20	1018.767	12.3	34.93
SNIBE Maglumi analysers	15	865.936	17.0	47.38
Ortho Vitros 3600/5600/ECi	15	1314.306	10.9	46.28
Siemens/DPC Immulite 1000	8	1443.721	11.0	69.87
Roche Modular E170 PTH/PTH STAT	12	939.945	8.2	27.85
CIS IRMA	9	909.234	9.1	34.55
DiaSorin, Liaison N-TACT PTH II	8	1490.637	24.3	160.01
Siemens Centaur CP	7	1392.771	18.0	118.29
Roche Elecsys PTH (1-84)	6	887.724	18.5	83.83
Roche Modular E170 PTH (1-84)	5	1008.936	6.1	34.19

Sex Hormone Binding Globulin, nmol/l

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	268	48.392	6.9	0.26	3.94	26
Roche Cobas 4000/e411	48	47.475	6.2	0.53	3.87	3

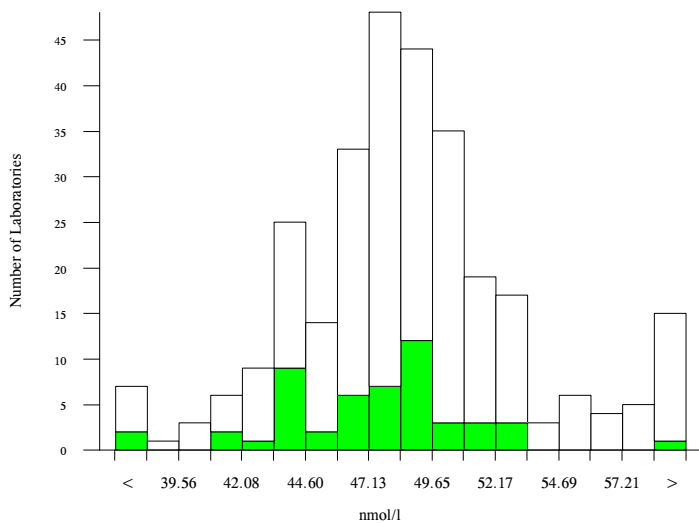
▲ Your Result	37.990	SDI	-2.45
		RMSDI	Too Few
■ Mean for Comparison	47.475	TS	33
		RMTS	Too Few
		%DEV	-20.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation 20.42%

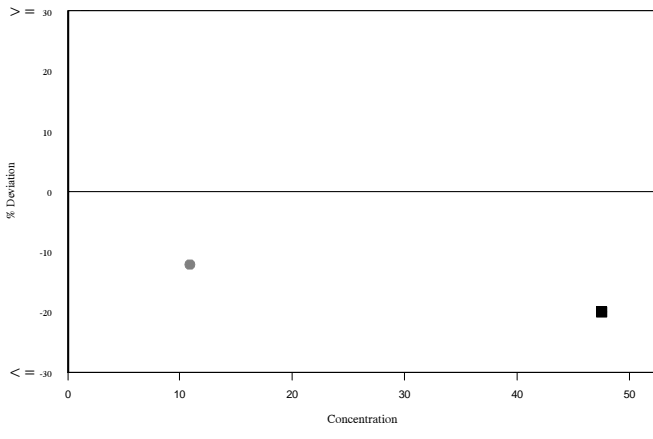
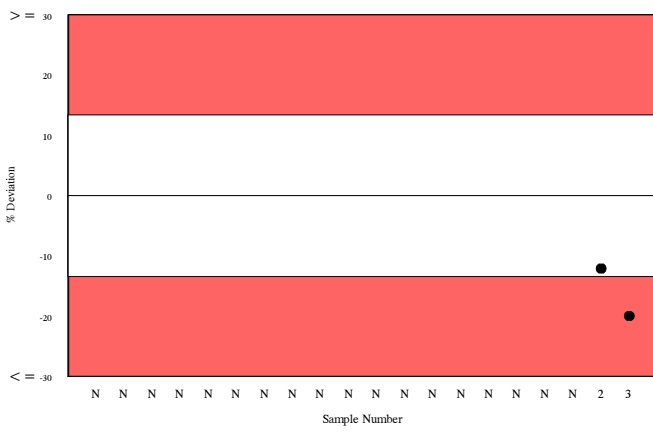
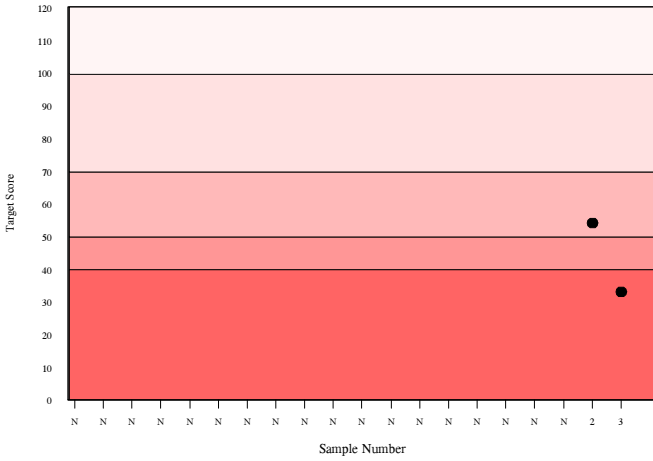
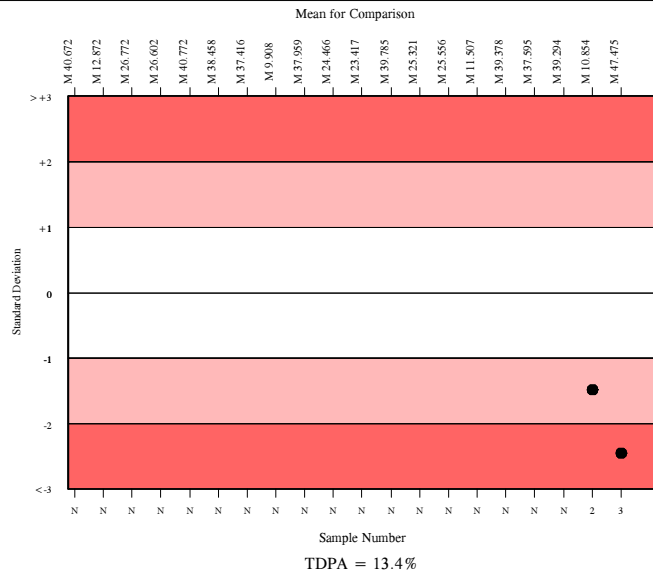
Acceptable limits of performance for RIQAS 13.40%

SDI in bottom 5% of peer group

TS & %DEV outside limits



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	58	48.494	4.0	0.32
Roche Cobas 4000/e411	48	47.475	6.2	0.53
Siemens/DPC Immulite 2000/2500	45	47.804	8.4	0.75
Abbott Architect	46	50.397	6.8	0.64
Beckman DXI 600 / 800	23	47.604	5.6	0.69
Siemens Centaur (Ref 06520781)	20	60.442	16.1	2.71
Roche Modular E170	11	48.555	2.6	0.48
Siemens/DPC Immulite 1000	9	45.300	9.3	1.76
Roche Elecsys	8	47.365	5.0	1.04
ELISA	3	45.420	18.5	6.07
Beckman Access	2	40.300	1.1	0.37



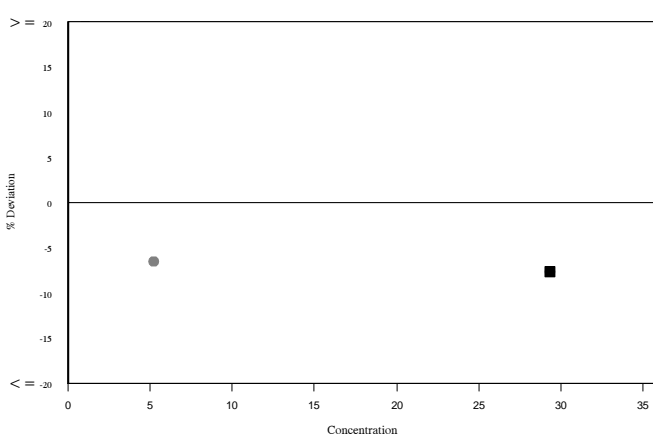
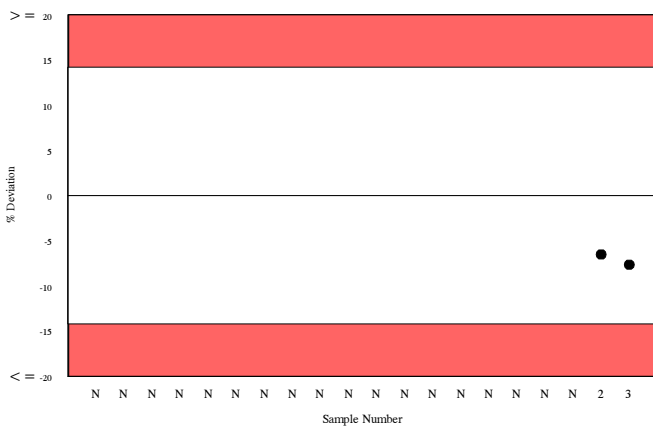
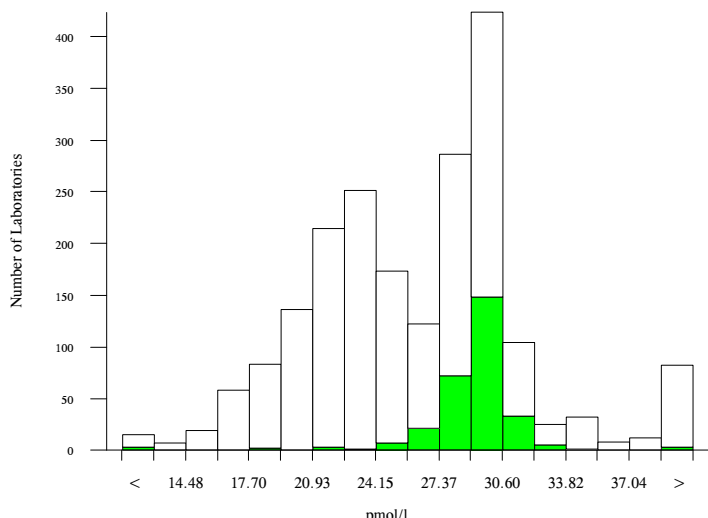
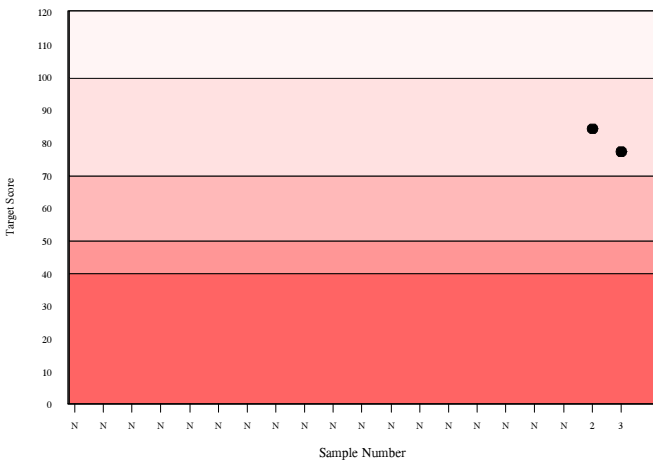
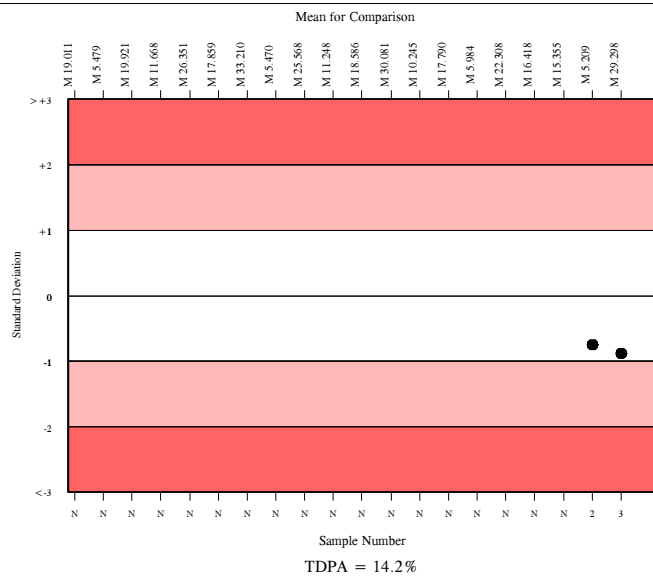
RIQAS

Free T3, pmol/l

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1923	25.766	16.7	0.12	2.22	150
Roche Cobas 4000/e411	275	29.298	4.0	0.09	2.53	24

▲ Your Result	27.060	SDI	-0.88
		RMSDI	Too Few
■ Mean for Comparison	29.298	TS	77
		RMTS	Too Few
		%DEV	-7.6
		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	402	29.315	3.4	0.06
Abbott Architect	352	23.855	9.6	0.15
Roche Cobas 4000/e411	275	29.298	4.0	0.09
Siemens Centaur XP/XPT/Classic	227	23.435	5.5	0.11
Beckman DxI 600 / 800	156	19.495	7.5	0.15
Roche Elecsys	72	29.122	4.0	0.17
Beckman Access/LXi725	63	20.664	6.4	0.21
BioMerieux VIDAS	56	23.366	7.8	0.30
Diasorin Liaison	44	42.668	5.6	0.45
Siemens/DPC Immulite 2000/2500	41	16.800	5.5	0.18
Tosoh	32	37.305	9.1	0.75
Siemens Centaur CP	35	22.971	8.5	0.41
Ortho Vitros 3600/5600/ECi	20	35.022	0.2	0.02
SNIBE Maglumi analysers	24	22.665	5.4	0.31
Roche Modular E170	25	29.155	3.0	0.22
Siemens/DPC Immulite 1000	16	16.339	6.4	0.33
Fujirebio Lumipulse G Series	8	31.279	3.3	0.45
Siemens Dimension Vista LOCI	4	33.774	1.0	0.22
Siemens Dimension	3	33.393	1.0	0.24
Abbott AxSYM	2	18.955	33.5	5.61
Brahms, RIA	2	41.615	39.7	14.61



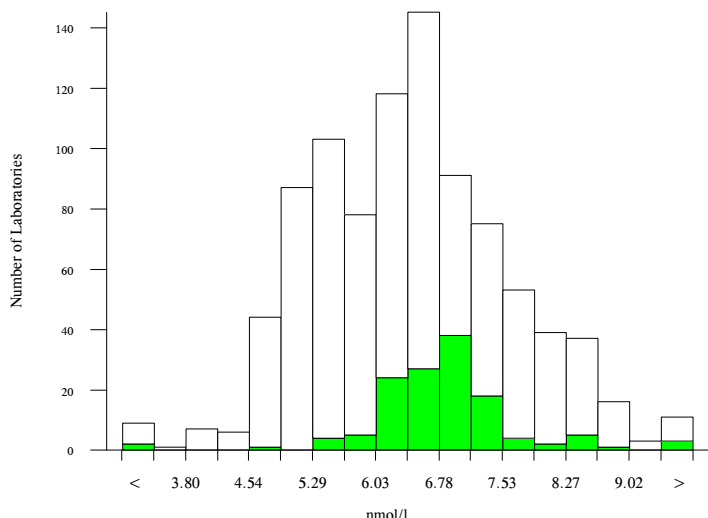
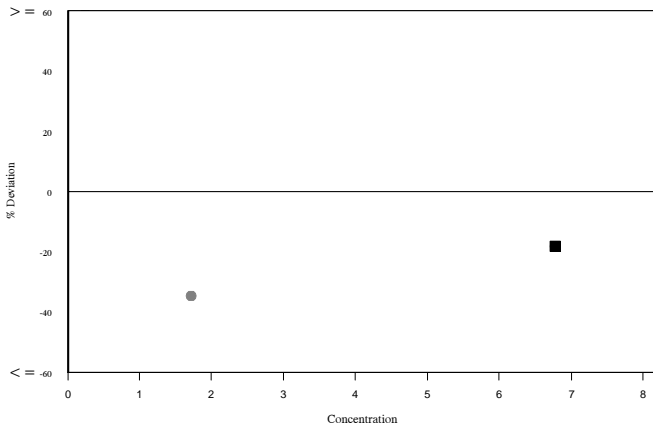
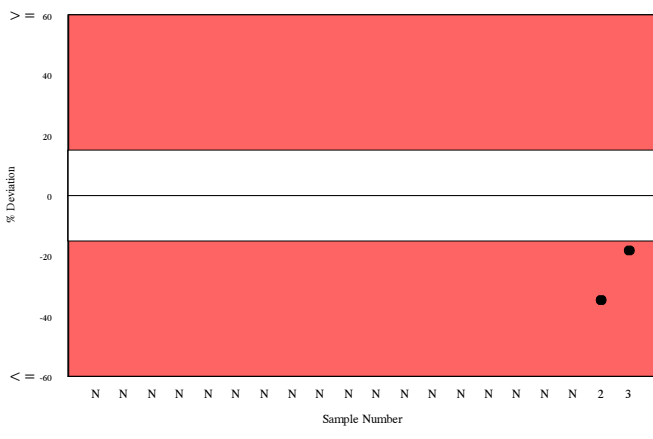
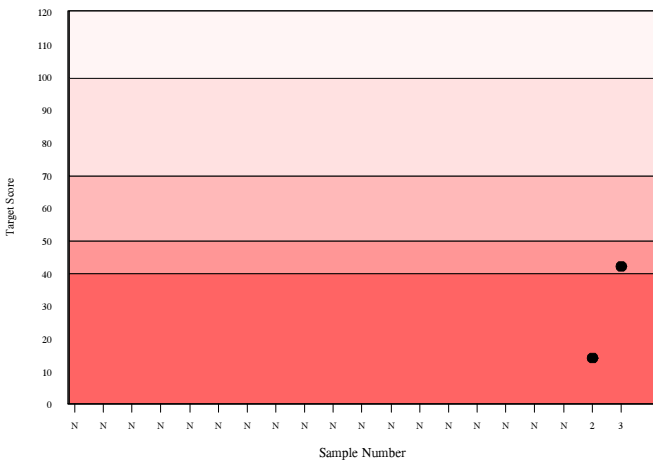
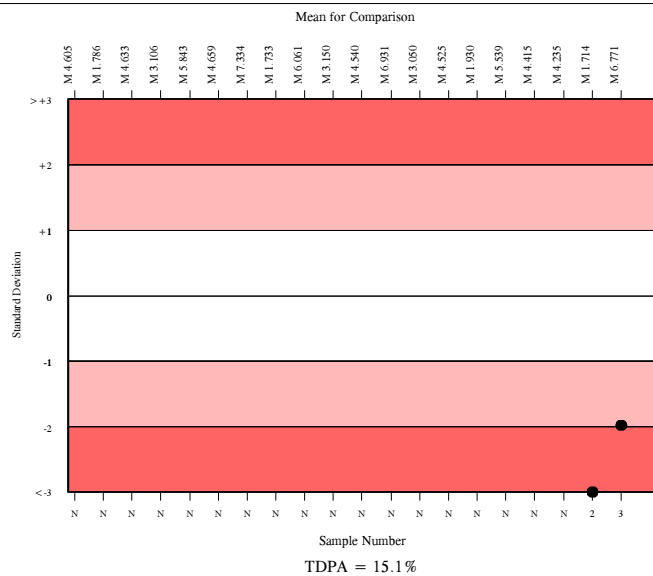
RIQAS

Total T3, nmol/l

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	876	6.413	15.5	0.04	0.59	49
Roche Cobas 4000/e411	117	6.771	6.8	0.05	0.62	17

▲ Your Result	5.540	SDI	-1.98
		RMSDI	Too Few
■ Mean for Comparison	6.771	TS	42
		RMTS	Too Few
		%DEV	-18.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	9.22%
Acceptable limits of performance for RIQAS	15.10%
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Abbott Architect	181	5.228	5.7	0.03
Roche Cobas 6000/8000	158	6.558	4.8	0.03
Roche Cobas 4000/e411	117	6.771	6.8	0.05
Siemens Centaur XP/XPT/Classic	87	7.814	6.1	0.06
Siemens/DPC Immulite 2000/2500	41	6.490	5.4	0.07
Ortho Vitros 3600/5600/ECi	34	7.536	3.9	0.06
Beckman Dxi600 / 800	32	5.662	6.7	0.08
bioMerieux, VIDAS	30	6.131	5.3	0.07
Beckman Access/LXi725	23	5.719	9.9	0.15
SNIBE Maglumi analysers	20	8.524	2.8	0.07
Siemens Centaur CP	21	8.233	4.9	0.11
Siemens/DPC Immulite 1000	15	6.664	8.4	0.18
Roche Elecsys	13	6.518	10.1	0.23
Roche Modular E170	12	6.236	4.0	0.09
Diasorin Liaison	10	6.128	7.8	0.19
CIS, RIA coated tube	10	4.681	7.2	0.13
Immunotech RIA	9	5.010	7.3	0.15
Tosoh	9	6.333	6.6	0.17
Monobind Inc. ELISA	4	5.499	14.2	0.49
ELISA	2	6.575	26.0	1.51
Fujirebio Lumipulse G Series	2	6.186	55.2	3.02

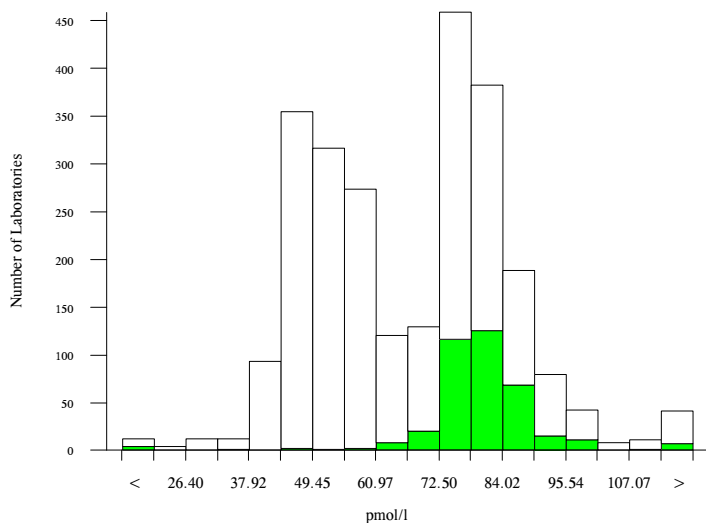


Free T4, pmol/l

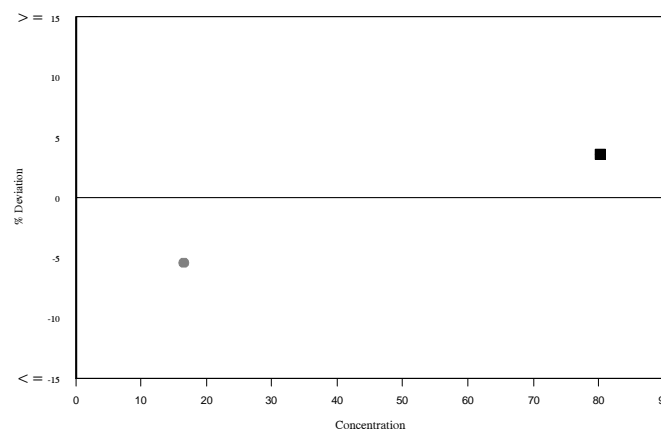
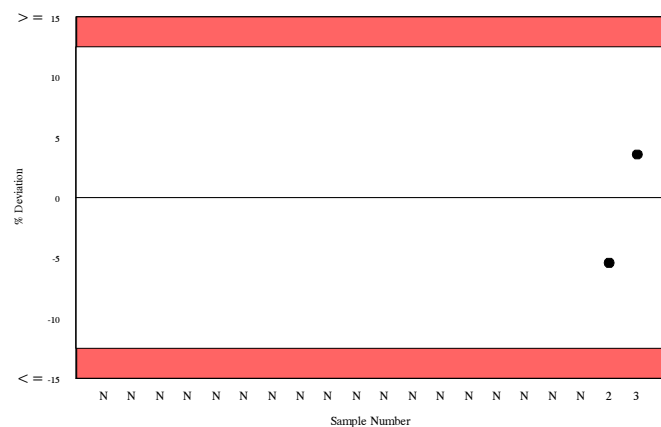
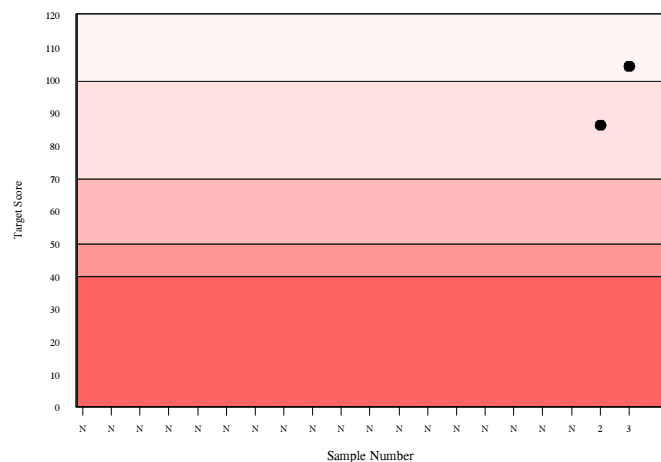
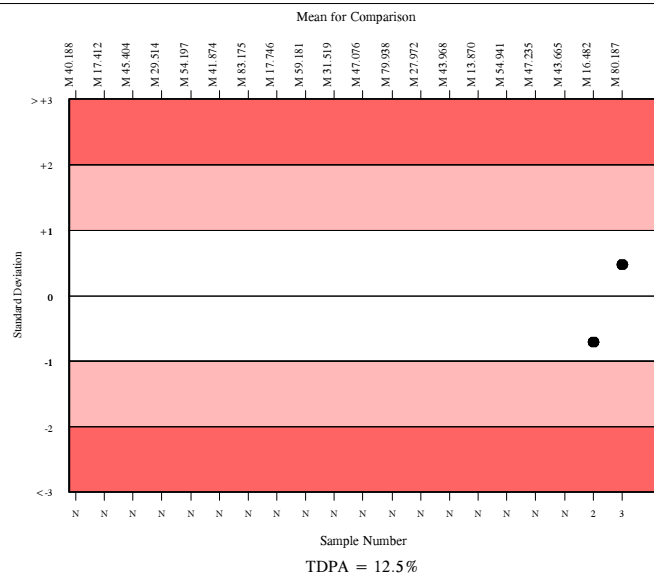
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2440	66.739	23.0	0.39	5.07	137
Roche Cobas 4000/e411	343	80.187	6.5	0.35	6.09	38

▲ Your Result	83.060	SDI	0.47
		RMSDI	Too Few
■ Mean for Comparison	80.187	TS	104
		RMTS	Too Few
		%DEV	3.6
		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	488	78.966	6.0	0.27
Abbott Architect	417	48.110	8.7	0.26
Roche Cobas 4000/e411	343	80.187	6.5	0.35
Siemens Centaur XP/XPT/Classic	259	49.195	6.6	0.25
Beckman DxI 600 / 800	196	59.365	3.7	0.20
Beckman Access/LXi725	96	54.579	5.9	0.41
Roche Elecsys	72	80.124	7.8	0.92
Siemens/DPC Immulite 2000/2500	51	74.512	3.0	0.39
Diasorin Liaison	63	104.267	10.5	1.72
bioMerieux, VIDAS-FT4N Kit	54	80.063	5.8	0.79
Ortho Vitros 3600/5600/ECi	31	89.869	0.2	0.04
Siemens Centaur CP	47	57.804	6.3	0.67
Tosoh	44	75.885	7.4	1.06
Siemens/DPC Immulite 1000	31	76.200	2.8	0.47
SNIBE Maglumi analysers	24	70.661	2.2	0.40
Roche Modular E170	27	78.003	6.7	1.26
CIS, RIA coated tube	9	62.671	5.7	1.48
Fujirebio Lumipulse G Series	8	69.468	4.4	1.35
Immuntotech IRMA	7	54.705	7.7	2.00
Monobind Inc. ELISA / CLIA	5	44.921	1.7	0.42
Siemens Dimension Vista LOCI	5	91.999	2.8	1.43

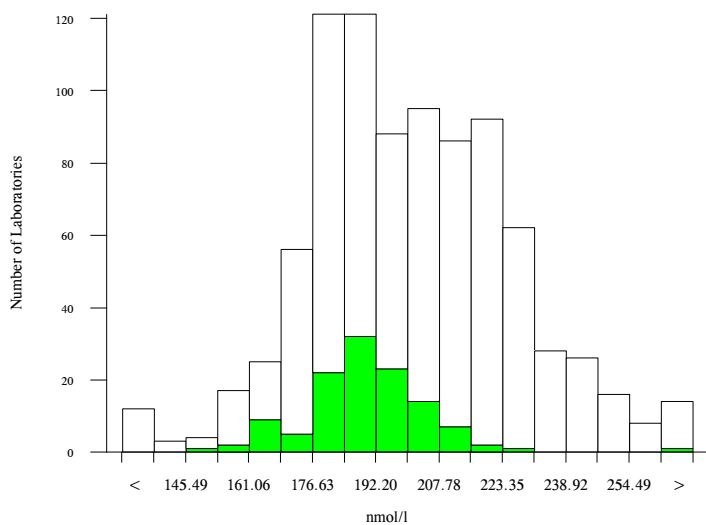


Total T4, nmol/l

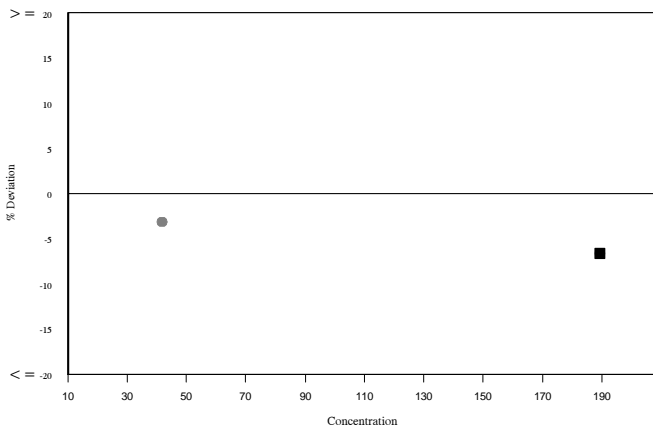
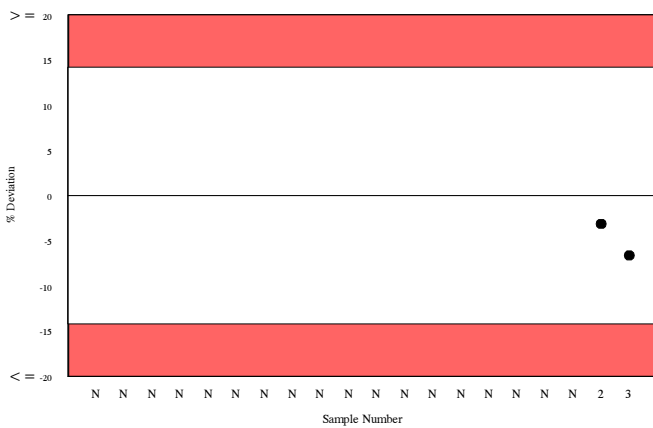
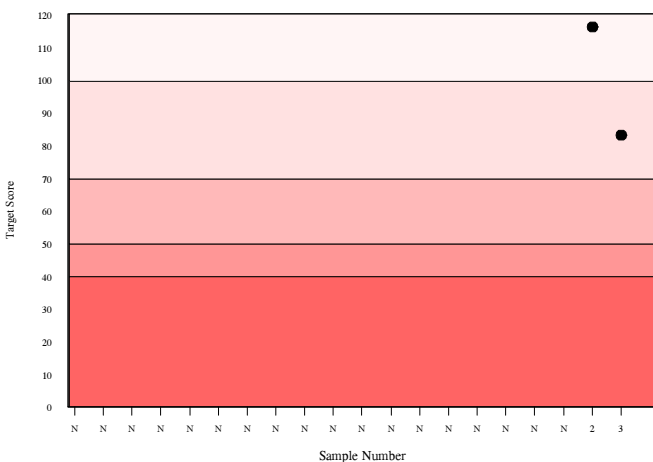
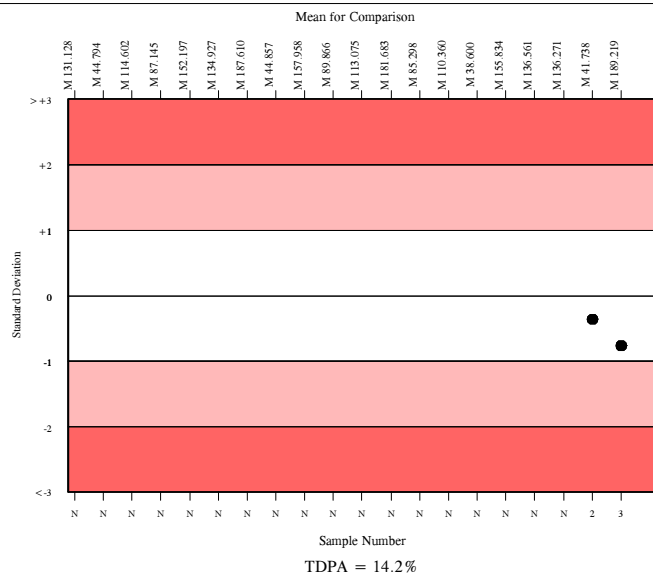
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	819	199.995	10.4	0.91	17.27	56
Roche Cobas 4000/e411	112	189.219	6.2	1.38	16.34	7

▲ Your Result	176.700	SDI	-0.77
		RMSDI	Too Few
■ Mean for Comparison	189.219	TS	83
		RMTS	Too Few
		%DEV	-6.6
		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	185	206.117	10.2	1.94
Roche Cobas 6000/8000	146	180.914	4.8	0.89
Roche Cobas 4000/e411	112	189.219	6.2	1.38
Siemens Centaur XP/XPT/Classic	71	212.481	5.1	1.61
Siemens/DPC Immulite 2000/2500	53	204.684	6.5	2.29
bioMerieux, VIDAS	36	234.250	7.2	3.52
Ortho Vitros 3600/5600/ECi	34	219.141	5.5	2.56
Beckman DxI 600 / 800	25	211.768	4.9	2.60
SNIBE Maglumi analysers	19	225.206	3.6	2.29
Siemens Centaur CP	18	219.374	3.3	2.15
Siemens/DPC Immulite 1000	20	215.730	8.8	5.28
Beckman Access/LXi725	19	211.075	9.1	5.49
Roche Elecsys	12	174.804	9.3	5.89
Roche Modular E170	12	183.388	6.2	4.11
Diasorin Liaison	8	181.579	6.7	5.38
Tosoh	8	186.787	3.5	2.88
CIS, RIA coated tube	8	197.893	9.5	8.30
Immunotech RIA	7	159.730	5.4	4.10
ELISA	3	241.379	4.6	8.02
Monobind Inc. ELISA / CLIA	3	172.044	16.8	20.83
Fujirebio Lumipulse G Series	2	240.177	26.2	55.53

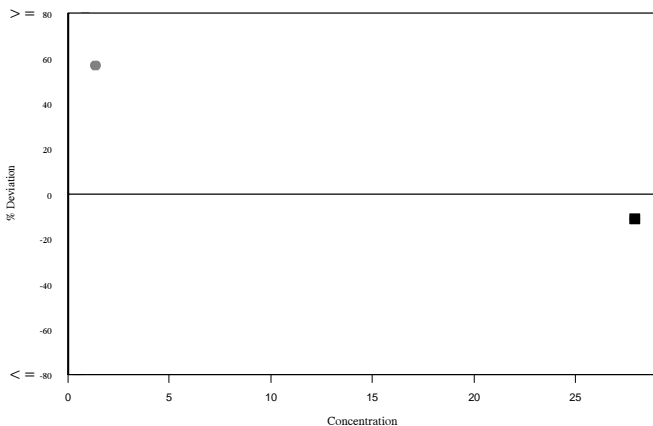
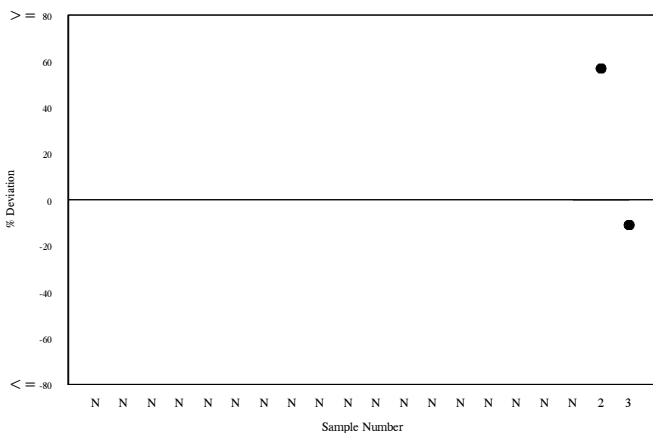
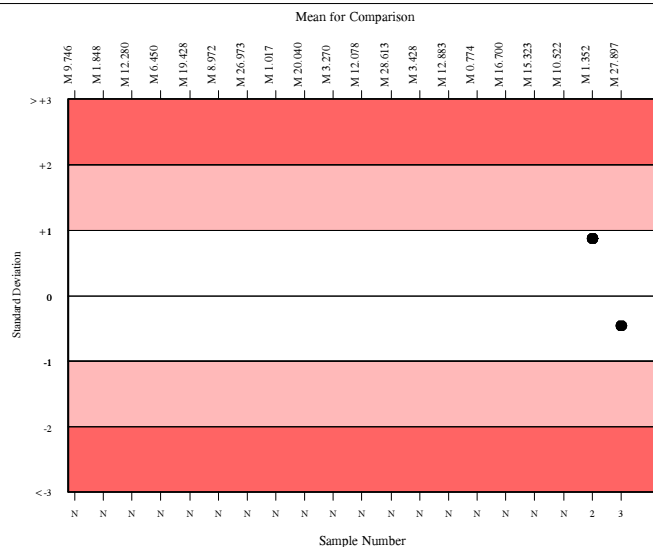
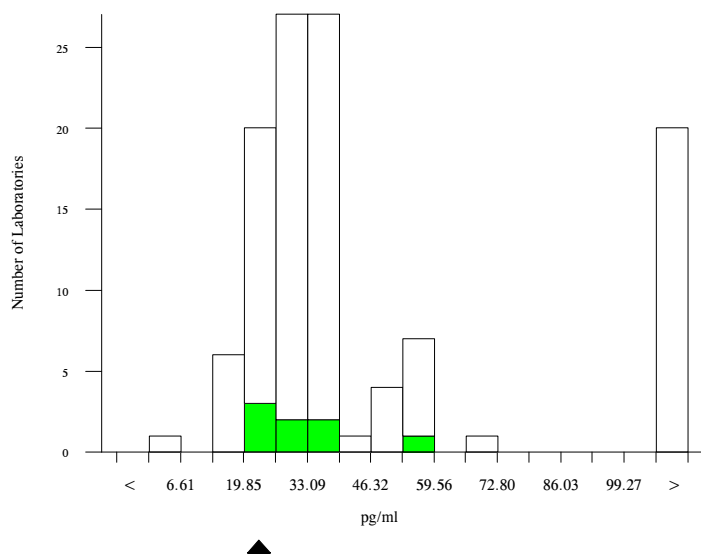


Free Testosterone (Pilot), pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	95	36.567	63.2	2.96	23.11	19
IBL ELISA	7	27.897	21.5	2.83	6.63a	1

▲ Your Result	24.830	SDI RMSDI	-0.46 Too Few
■ Mean for Comparison	27.897	TS RMTS	N/A N/A
		%DEV RM%DEV	-11.0 Too Few

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



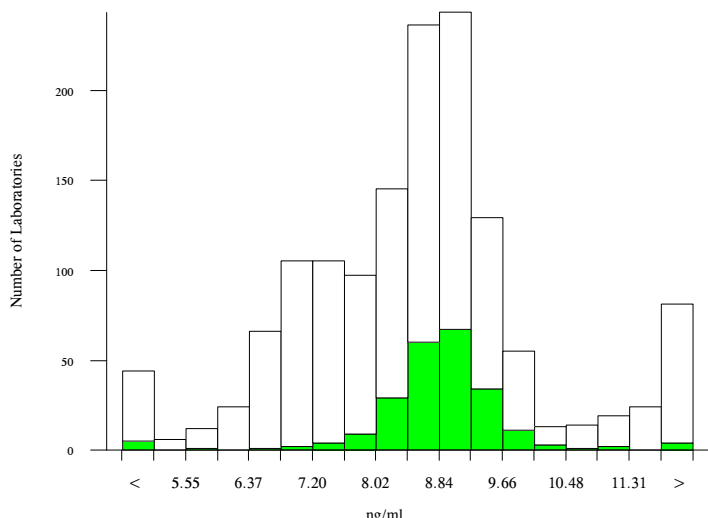
Method	N	Mean	CV%	U _m
DRG, ELISA	17	35.149	36.1	3.84
SNIBE Maglumi analysers	13	35.795	2.2	0.27
Monobind Inc. ELISA / CLIA	12	27.997	15.4	1.56
Calculated	11	176.821	20.3	13.50
IBL ELISA	7	27.897	21.5	2.83
DIAsource, RIA	7	23.960	30.5	3.45
Novatec ELISA	6	32.749	3.1	0.52
Diametra ELISA	5	42.339	25.1	5.95
DSL/Beckman Coulter, RIA	6	27.402	28.4	3.98
Roche Cobas 4000/e411	5	184.381	9.7	9.95
ELISA	4	37.610	35.7	8.39
Roche Cobas 6000/8000	2	197.262	5.5	9.55
Diasorin, RIA	2	22.750	4.7	0.94
DBC, ELISA	2	22.775	4.8	0.97
DIAsource ELISA	2	39.830	34.1	12.01
Radim RIA	2	42.445	51.5	19.32

Testosterone, ng/ml

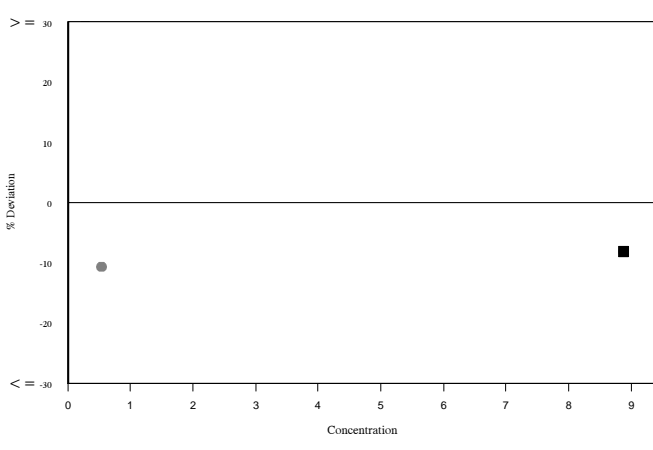
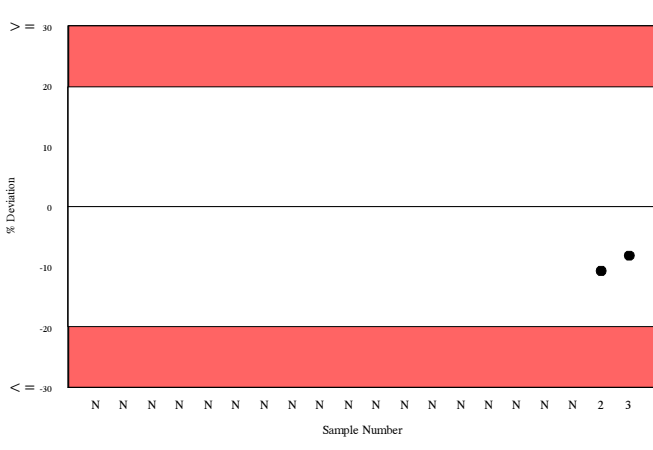
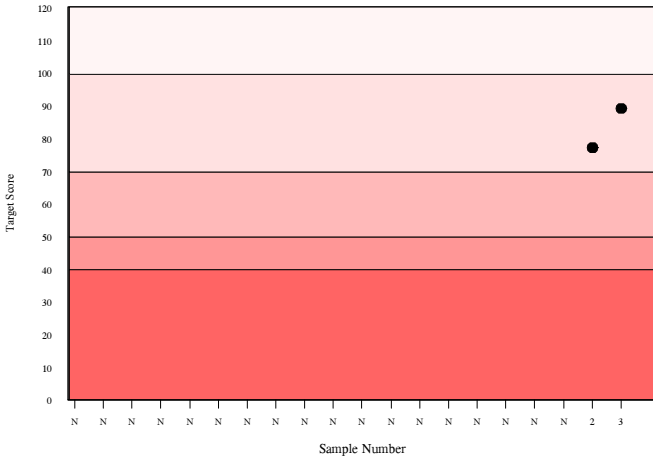
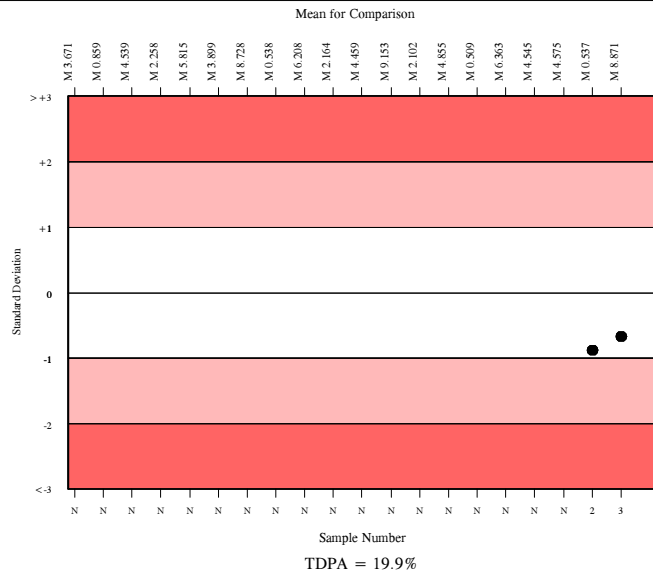
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1275	8.434	13.0	0.04	1.02	147
Roche Cobas 4000/e411 Test II	212	8.871	5.6	0.04	1.07	21

▲ Your Result	8.150	SDI	-0.67
		RMSDI	Too Few
■ Mean for Comparison	8.871	TS	89
		RMTS	Too Few
		%DEV	-8.1
		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	266	8.880	4.9	0.03
Roche Cobas 4000/e411 Test II	212	8.871	5.6	0.04
Abbott Architect	156	8.859	7.0	0.06
Siemens Centaur XP/XPT/Classic TSTO	126	6.882	8.9	0.07
Beckman DxI 600 / 800	110	7.155	5.6	0.05
Abbott Architect 2nd gen	64	8.839	5.0	0.07
Siemens/DPC Immulite 2000/2500	54	11.060	9.1	0.17
Roche Elecsys Test II	52	6.685	7.3	0.11
bioMerieux VIDAS Testosterone II	50	7.340	6.4	0.08
Beckman Access/LXi725	31	7.802	6.5	0.11
Ortho Vitros 3600/5600/ECi	24	12.294	6.3	0.20
bioMerieux, VIDAS	23	7.290	6.2	0.12
TOSOH	25	12.605	10.1	0.32
Roche Modular E170 Test II	22	9.040	3.8	0.09
SNIBE Maglumi analysers	16	8.105	3.2	0.08
Diasorin Liaison	14	4.469	14.5	0.22
Siemens/DPC Immulite 1000	8	15.263	5.0	0.34
Siemens Centaur CP	9	6.911	9.4	0.27
CIS, RIA Coated tube	5	8.794	2.8	0.14
Fujirebio Lumipulse G Series	3	9.377	5.5	0.37
ELISA	2	8.761	7.4	0.58



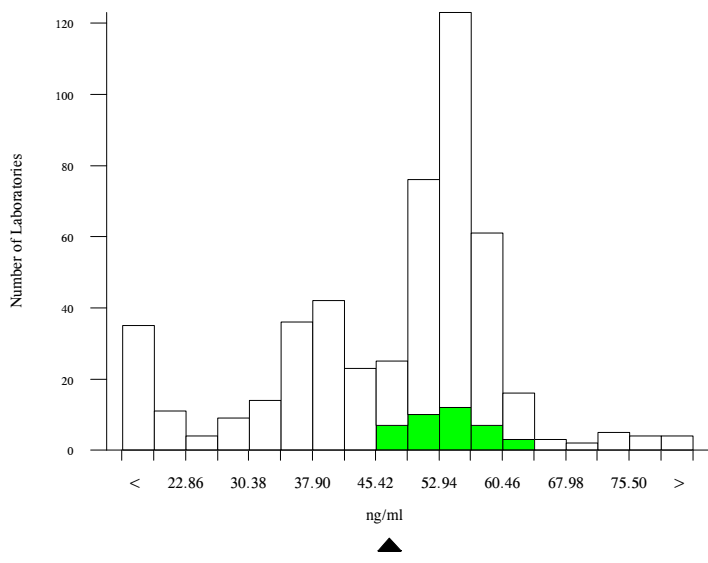
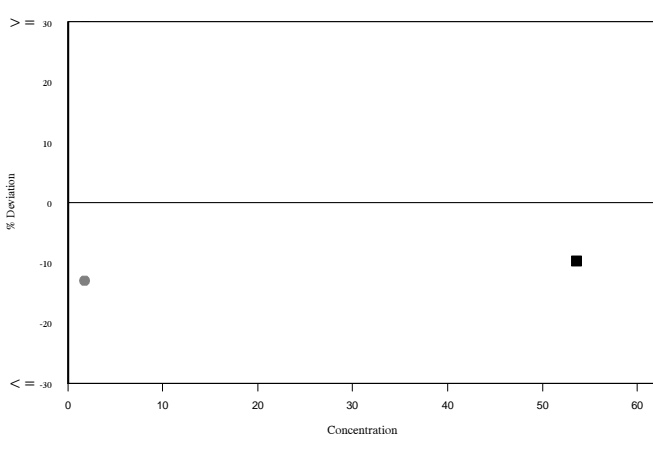
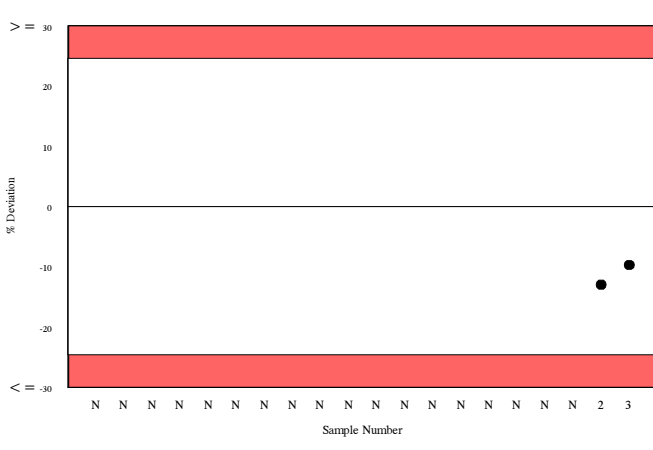
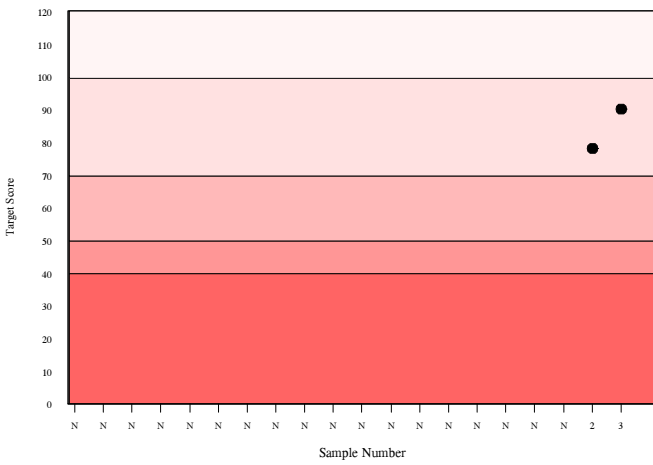
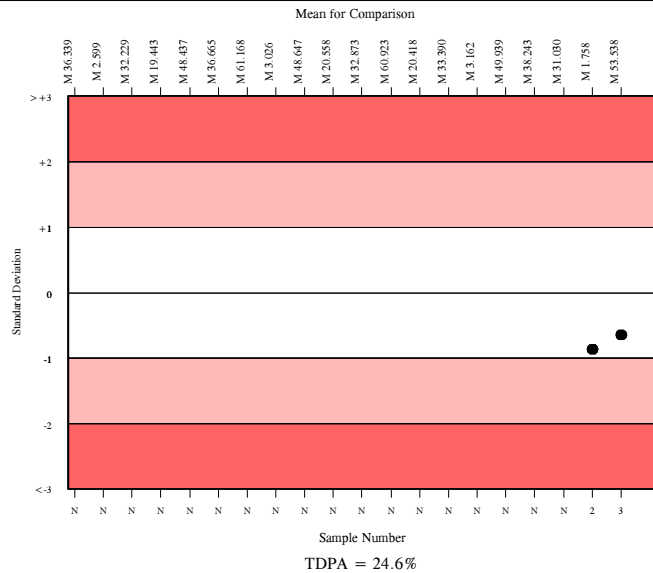
RIQAS
PROFICIENCY TESTING

Thyroglobulin, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	448	49.185	20.4	0.59	7.36	45
Roche Cobas 4000/e411 TgII	38	53.538	7.1	0.78	8.01	1

▲ Your Result	48.350	SDI	-0.65
		RMSDI	Too Few
■ Mean for Comparison	53.538	TS	90
		RMTS	Too Few
		%DEV	-9.7
		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	98	38.003	9.8	0.47
Roche Cobas 6000/8000 Tg II	62	53.882	3.7	0.32
Roche Cobas 6000/8000	47	54.364	3.5	0.35
Beckman Dxi 600 / 800	38	56.616	4.4	0.51
Roche Cobas 4000/e411	36	53.025	7.5	0.83
Roche Cobas 4000/e411 TgII	38	53.538	7.1	0.78
Diasorin Liaison	20	13.046	10.3	0.37
DPC Immulite 1000	19	42.816	17.3	2.13
Tosoh	16	56.884	7.2	1.28
Beckman Access	14	58.829	4.5	0.89
CIS, RIA coated tube	11	75.180	4.2	1.18
SNIBE Maglumi analysers	10	19.548	2.9	0.22
Roche Elecsys	10	53.608	7.7	1.64
Roche Modular E170 Tg II	7	53.310	3.4	0.86
Roche Elecsys Tg II	5	53.708	2.5	0.76
Roche Modular E170	5	53.211	7.3	2.17
Diesse, Chorus	4	24.575	37.3	5.74
Abbott Architect 2000i	1	42.680	0.0	0.00
Brahms IRMA	2	26.095	3.4	0.78



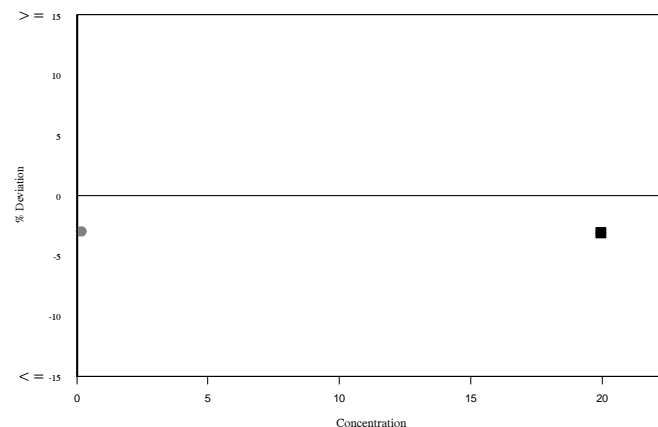
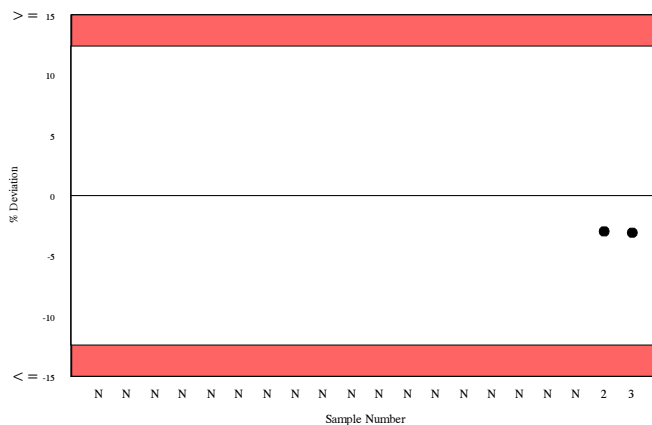
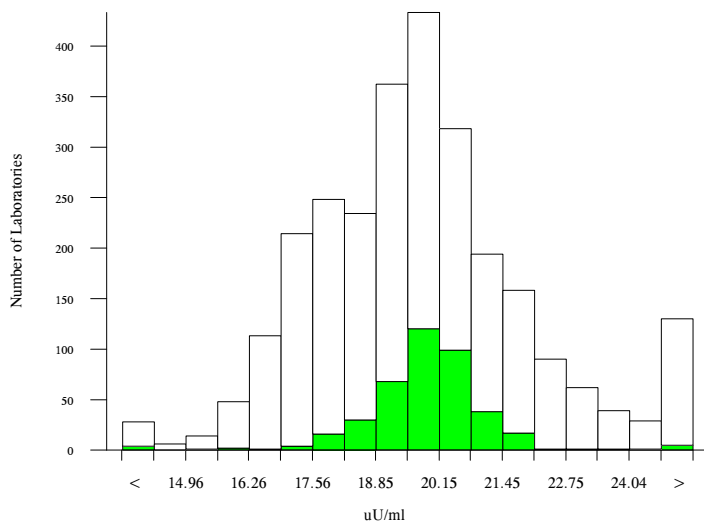
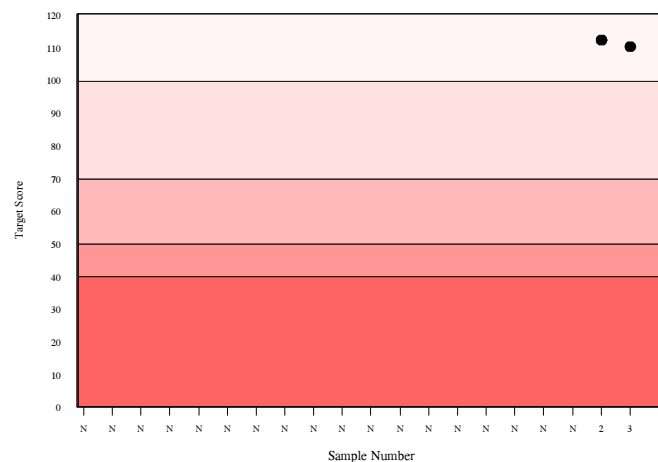
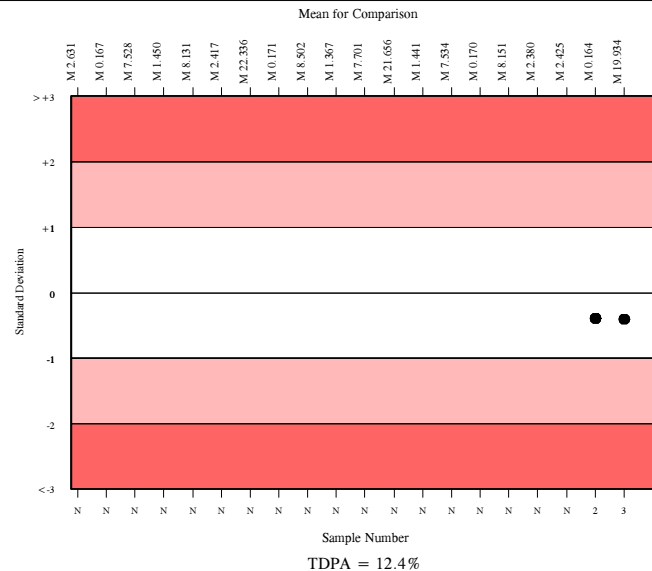
RIQAS

TSH, uU/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2516	19.508	8.9	0.04	1.47	204
Roche Cobas 4000/e411	376	19.934	4.0	0.05	1.50	33

▲ Your Result	19.320	SDI RMSDI	-0.41 Too Few
■ Mean for Comparison	19.934	TS RMTS	110 Too Few
		%DEV RM%DEV	-3.1 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	499	19.698	2.8	0.03
Abbott Architect	441	17.382	4.0	0.04
Roche Cobas 4000/e411	376	19.934	4.0	0.05
Siemens Centaur XP/Classic TSH3-Ultra	140	21.566	3.8	0.09
Siemens Centaur XP/XPT/Classic	112	21.787	4.1	0.10
Beckman Dxl600/800 Hyper TSH	102	18.587	5.2	0.12
Roche Elecsys	80	19.763	4.2	0.12
Access/LXi725 hyper TSH 3rd gen	81	18.683	6.7	0.17
Siemens/DPC Immulite 2000/2500	75	19.856	6.4	0.18
Ortho Vitros 3600/5600/ECi	63	27.809	3.9	0.17
Diasorin Liaison	62	24.299	7.1	0.27
bioMerieux, VIDAS, TSH	58	21.138	6.0	0.21
Beckman Dxl600/800 Access(3rd IS)	56	17.775	4.4	0.13
Tosoh	49	21.626	10.5	0.41
Siemens/DPC Immulite 1000	43	20.281	6.2	0.24
Siemens Centaur CP	31	21.643	6.2	0.30
Beckman Dxl600/800 Fast TSH	31	18.234	4.0	0.17
Roche Modular E170	28	19.638	2.6	0.12
SNIBE Maglumi analysers	25	23.676	3.4	0.20
Siemens Centaur CP TSH3-Ultra	21	21.584	4.8	0.28
Beckman Dxl600/800 1st gen.	19	18.223	5.9	0.31



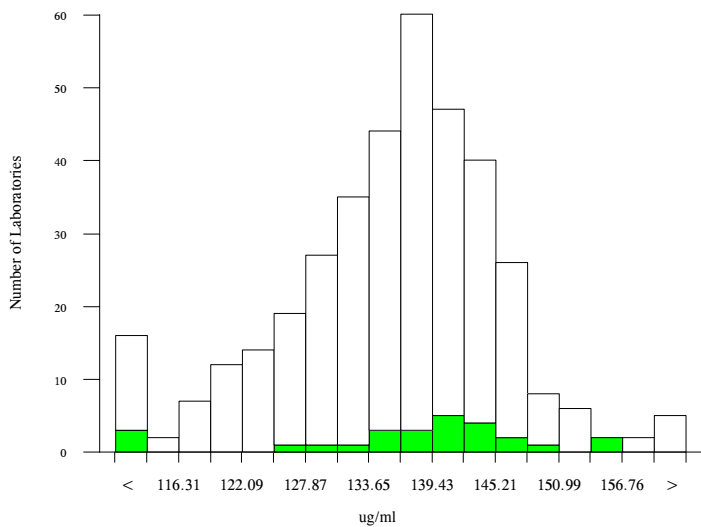
RIQAS

Valproic acid, ug/ml

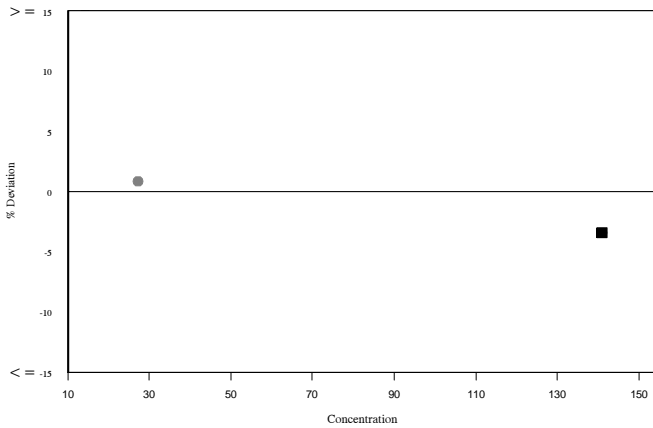
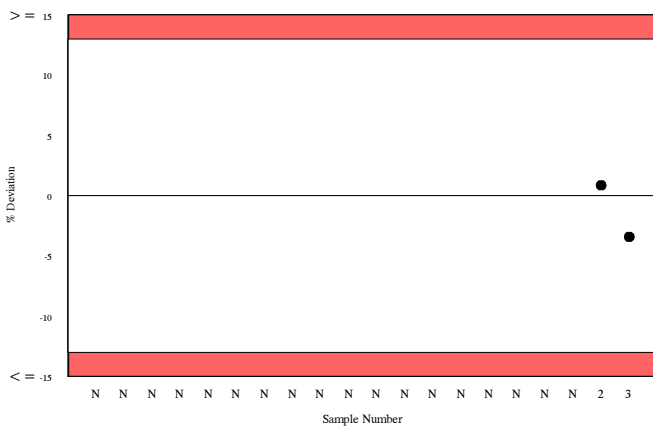
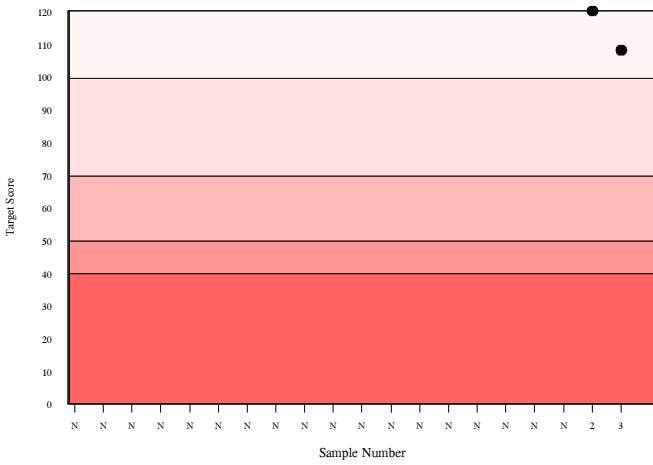
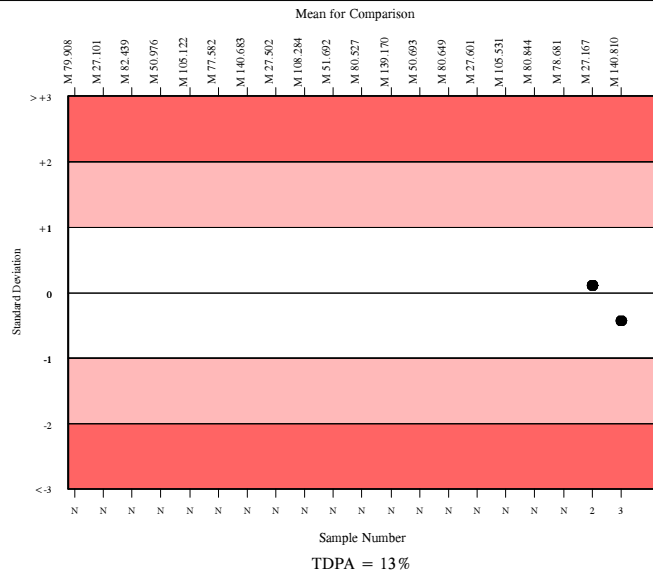
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	344	136.541	5.6	0.52	10.79	34
Siemens/DPC Immulite 2000/2500	21	140.810	4.1	1.58	11.13	5

▲ Your Result	136.000	SDI	-0.43
		RMSDI	Too Few
■ Mean for Comparison	140.810	TS	108
		RMTS	Too Few
		%DEV	-3.4
		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	115	136.438	5.2	0.82
Roche Cobas 6000/8000	58	137.838	5.0	1.13
Siemens Centaur XP/XPT/Classic	28	133.305	4.7	1.47
Siemens/DPC Immulite 2000/2500	21	140.810	4.1	1.58
Roche Integra	18	135.657	2.2	0.90
Beckman AU400/600/640/2700/5400	22	143.468	3.2	1.24
Siemens Dimension	17	129.808	4.6	1.79
Siemens/DPC Immulite 1000	15	142.457	3.1	1.41
Beckman DxC	10	127.247	6.0	3.01
Ortho Vitros 4600/5600/5.1	8	130.487	8.1	4.66
Roche Cobas 4000/c311	6	139.283	4.3	3.03
Siemens Advia 1200/1650/1800/2400	5	143.422	10.5	8.42
Siemens Syva/Emit	3	158.000	10.0	11.46
Siemens Centaur CP	2	132.880	7.8	9.12
Randox RX Series	3	127.170	4.2	3.85
Roche Modular P/D	2	137.500	5.2	6.37

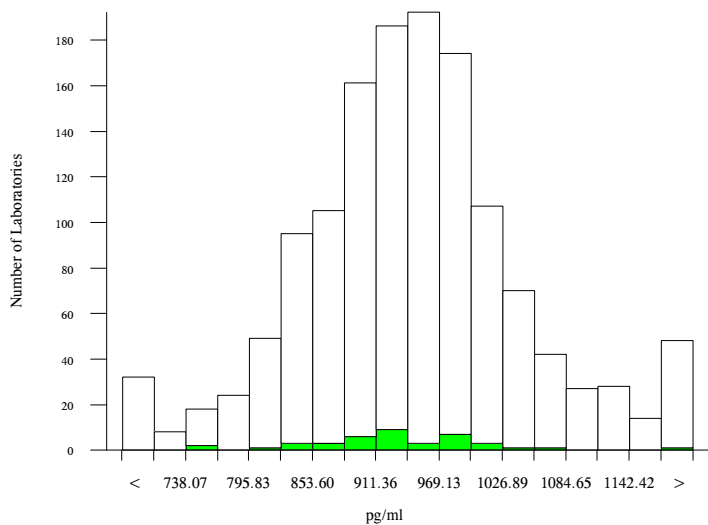


Vitamin B12, pg/ml

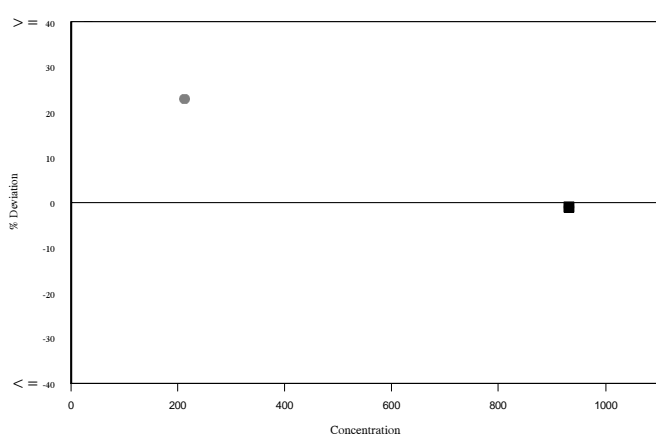
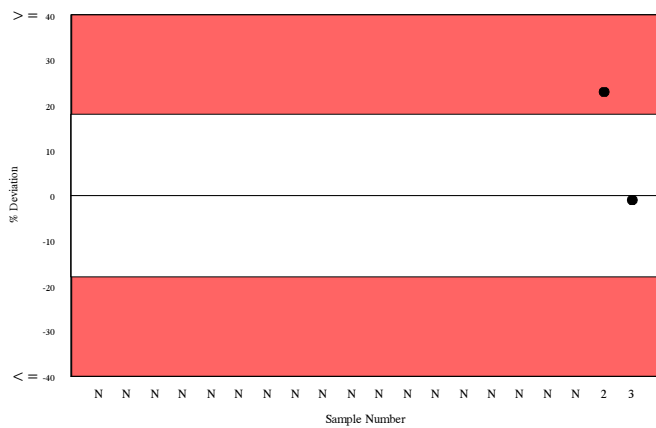
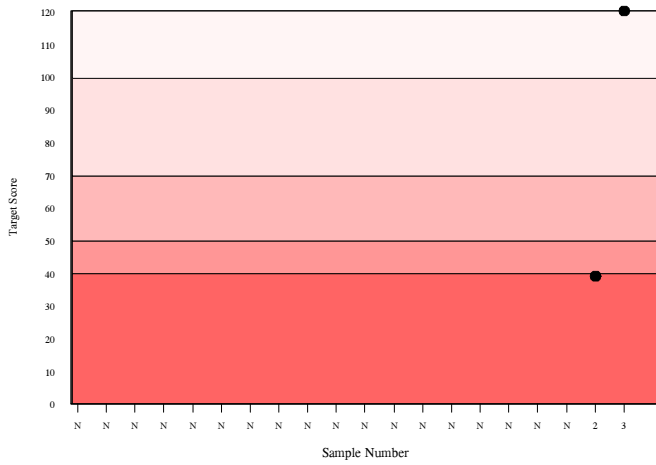
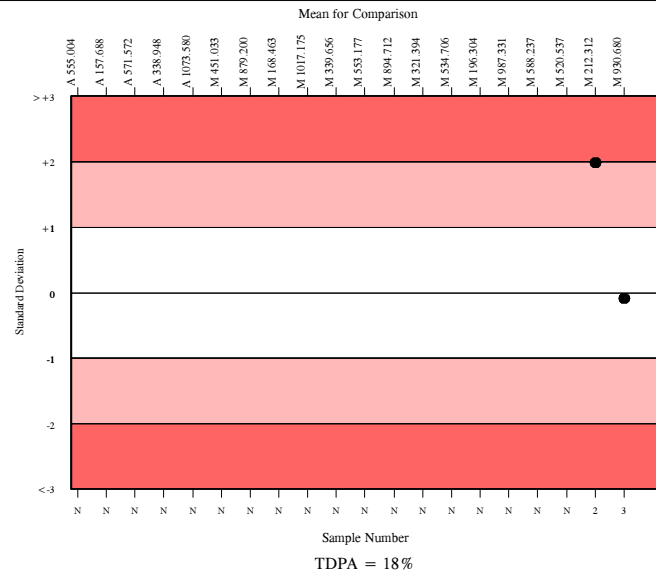
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1267	940.248	8.2	2.70	102.89	119
Roche Cobas 4000/e411 Gen II	36	930.680	6.1	11.80	101.85	4

▲ Your Result	921.500	SDI	-0.09
		RMSDI	Too Few
■ Mean for Comparison	930.680	TS	120
		RMTS	Too Few
		%DEV	-1.0
		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	261	911.160	6.6	4.67
Roche Cobas 6000/8000	226	973.796	4.1	3.34
Roche Cobas 4000/e411	156	920.903	6.5	5.97
Siemens Centaur XP/XPT/Classic	153	1055.241	7.5	7.95
Beckman DxI 600 / 800	142	878.518	6.4	5.92
Roche Cobas 6000/8000 Gen II	61	966.273	3.6	5.51
Beckman Access/LXi725	47	889.809	8.4	13.55
Siemens/DPC Immulite 2000	34	846.601	8.9	16.13
Roche Cobas 4000/e411 Gen II	36	930.680	6.1	11.80
Roche Elecsys	31	966.967	7.8	16.88
Ortho Vitros 3600/5600/ECi	25	901.221	4.7	10.55
Roche Modular E170	20	961.256	2.8	7.50
Siemens Centaur CP	16	1056.870	8.4	27.85
TOSOH	15	1285.594	7.1	29.35
SNIBE Maglumi analysers	12	944.831	1.4	4.71
MP Biomedicals RIA	6	933.567	8.3	39.31
Siemens Dimension	4	913.425	1.2	6.94
Siemens/DPC Immulite 1000	5	831.853	27.4	127.42
Roche Modular E170 Gen II	3	986.767	6.7	47.38

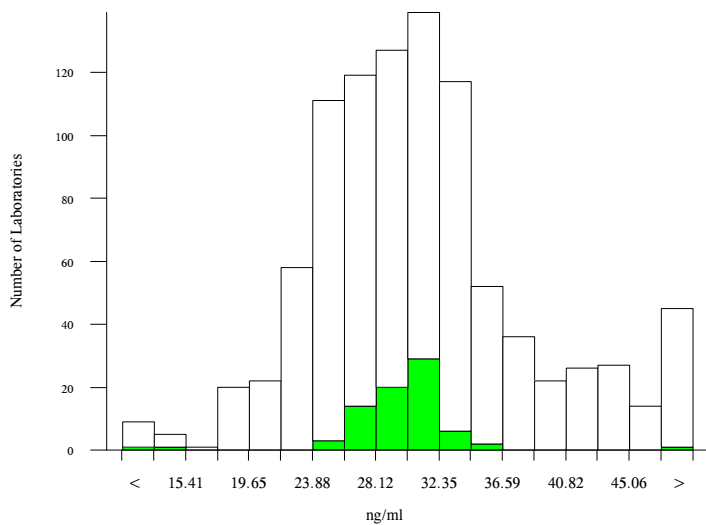


25-OH-Vitamin D, ng/ml

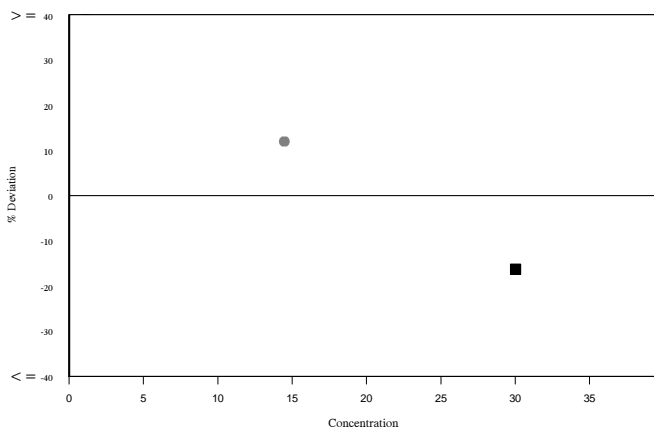
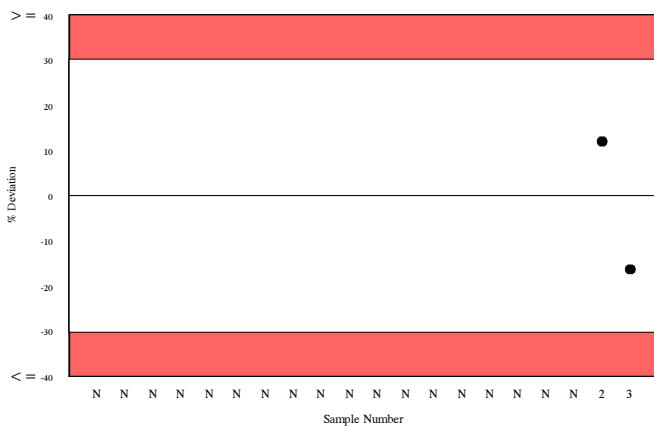
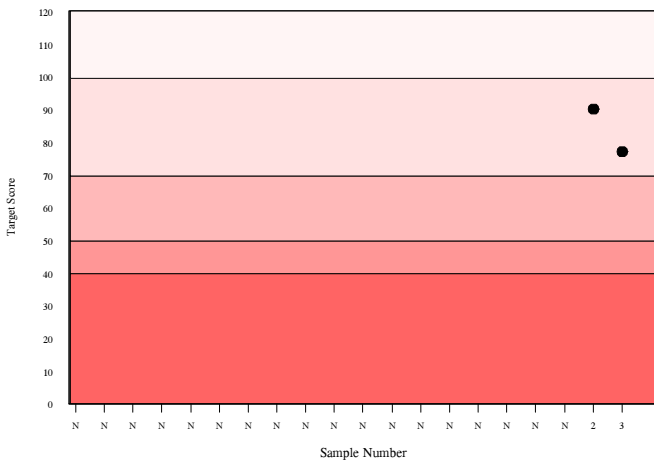
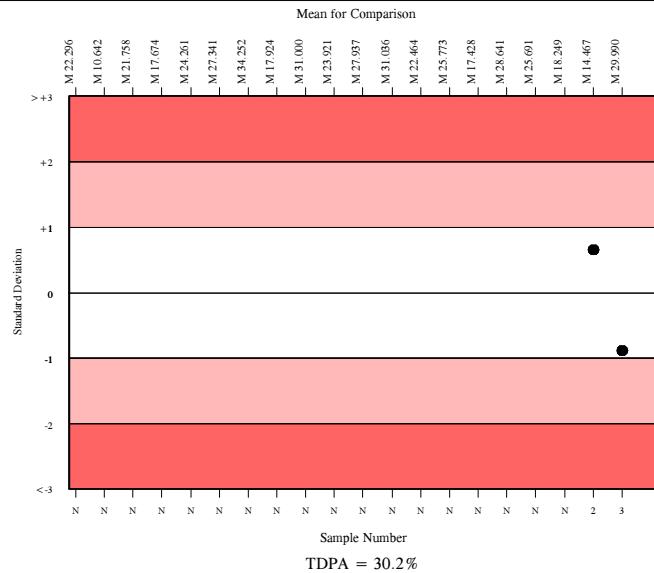
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	878	30.241	18.7	0.24	5.55	72
bioMerieux Vidas/mini Vidas/Vidas 3	69	29.990	5.9	0.27	5.51	8

▲ Your Result	25.100	SDI	-0.89
		RMSDI	Too Few
■ Mean for Comparison	29.990	TS	77
		RMTS	Too Few
		%DEV	-16.3
		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	315	26.022	10.9	0.20
Abbott Architect	183	32.261	5.8	0.17
Siemens Centaur XP/XPT/Classic	74	45.868	7.6	0.51
bioMerieux Vidas/mini Vidas/Vidas 3	69	29.990	5.9	0.27
Diasorin Liaison	68	36.950	8.5	0.48
Beckman DxI 600 /800	64	28.542	10.0	0.45
Ortho Vitros 3600/5600/ECi	24	38.890	10.3	1.03
Beckman Access 25 OH Vitamin D Total	16	29.999	8.5	0.80
SNIBE Maglumi Analyser	10	18.873	1.4	0.10
TOSOH	8	31.892	7.6	1.07
Fujirebio Lumipulse G Series	7	33.614	7.9	1.25
IDS iSYS	6	28.138	8.2	1.17
HPLC/UPLC	5	33.854	18.5	3.51
ELISA	3	28.443	38.8	7.96
LC/MS	3	53.520	41.1	15.88
DIAsource, RIA	2	38.550	3.1	1.06
Orgentec Alegria Elisa	2	20.700	4.8	0.87



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	83.227	81.260	-0.12	Too Few	-2.4	Too Few	N/A	N/A	
AFP	208.948	155.300	<u>-2.80</u>	Too Few	<u>-25.7</u>	Too Few	<u>27</u>	Too Few	▲
Aldosterone	382.436	318.600	-0.34	Too Few	-16.7	Too Few	N/A	N/A	
Androstenedione (Pilot)	8.888	8.680	-0.35	Too Few	-2.3	Too Few	N/A	N/A	
Beta-2-Microglobulin	5.515	5.450	-0.11	Too Few	-1.2	Too Few	120	Too Few	
CA 125	228.015	236.300	0.46	Too Few	3.6	Too Few	105	Too Few	
CA 15-3	95.064	91.010	-0.49	Too Few	-4.3	Too Few	102	Too Few	
CA 19-9	138.965	119.800	-1.43	Too Few	-13.8	Too Few	56	Too Few	
CEA	52.423	47.640	-1.11	Too Few	-9.1	Too Few	67	Too Few	
Cortisol	930.445	978.300	0.58	Too Few	5.1	Too Few	96	Too Few	
C-Peptide	9.763	9.140	-0.35	Too Few	-6.4	Too Few	117	Too Few	
DHEA-S	905.723	849.500	-0.55	Too Few	-6.2	Too Few	97	Too Few	
Digoxin	3.375	3.150	-0.56	Too Few	-6.7	Too Few	94	Too Few	
Ferritin	328.976	323.500	-0.19	Too Few	-1.7	Too Few	120	Too Few	
Folate	9.889	10.770	0.75	Too Few	8.9	Too Few	84	Too Few	
FSH	46.462	47.310	0.24	Too Few	1.8	Too Few	120	Too Few	
GH	13.014	13.430	0.26	Too Few	3.2	Too Few	120	Too Few	
hCG	354.308	322.200	-1.07	Too Few	-9.1	Too Few	69	Too Few	
IgE	505.620	501.500	-0.10	Too Few	-0.8	Too Few	120	Too Few	
Insulin	32.892	34.710	0.47	Too Few	5.5	Too Few	105	Too Few	
LH	47.233	52.190	1.44	Too Few	10.5	Too Few	56	Too Few	
Oestradiol	494.749	452.000	-0.84	Too Few	-8.6	Too Few	79	Too Few	
17-OH-Progesterone	12.193	12.500	0.10	Too Few	2.5	Too Few	N/A	N/A	
Progesterone	34.371	33.700	-0.18	Too Few	-2.0	Too Few	120	Too Few	
Prolactin	1276.012	1119.000	-0.86	Too Few	-12.3	Too Few	78	Too Few	
PSA, Free	25.568	24.420	-0.63	Too Few	-4.5	Too Few	92	Too Few	
PSA, Total	39.136	35.780	-1.15	Too Few	-8.6	Too Few	66	Too Few	
Parathyroid hormone	990.981	919.300	-0.75	Too Few	-7.2	Too Few	N/A	N/A	
Sex Hormone Binding Globulin	47.475	37.990	<u>-2.45</u>	Too Few	<u>-20.0</u>	Too Few	<u>33</u>	Too Few	▲
Free T3	29.298	27.060	-0.88	Too Few	-7.6	Too Few	77	Too Few	
Total T3	6.771	5.540	-1.98	Too Few	<u>-18.2</u>	Too Few	<u>42</u>	Too Few	
Free T4	80.187	83.060	0.47	Too Few	3.6	Too Few	104	Too Few	
Total T4	189.219	176.700	-0.77	Too Few	-6.6	Too Few	83	Too Few	
Free Testosterone (Pilot)	27.897	24.830	-0.46	Too Few	-11.0	Too Few	N/A	N/A	
Testosterone	8.871	8.150	-0.67	Too Few	-8.1	Too Few	89	Too Few	
Thyroglobulin	53.538	48.350	-0.65	Too Few	-9.7	Too Few	90	Too Few	
TSH	19.934	19.320	-0.41	Too Few	-3.1	Too Few	110	Too Few	
Valproic acid	140.810	136.000	-0.43	Too Few	-3.4	Too Few	108	Too Few	
Vitamin B12	930.680	921.500	-0.09	Too Few	-1.0	Too Few	120	Too Few	
25-OH-Vitamin D	29.990	25.100	-0.89	Too Few	-16.3	Too Few	77	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

END OF REPORT