

Dena Laboratory

MONTHLY IMMUNOASSAY

CYCLE 16 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: 01/03/2018

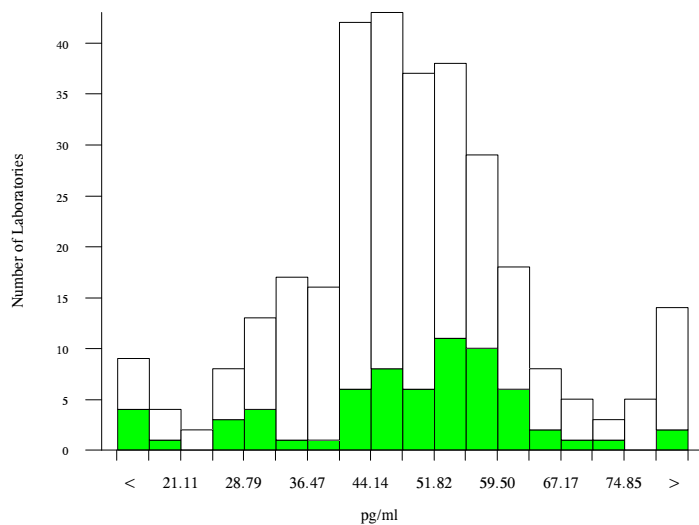
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ACTH, pg/ml

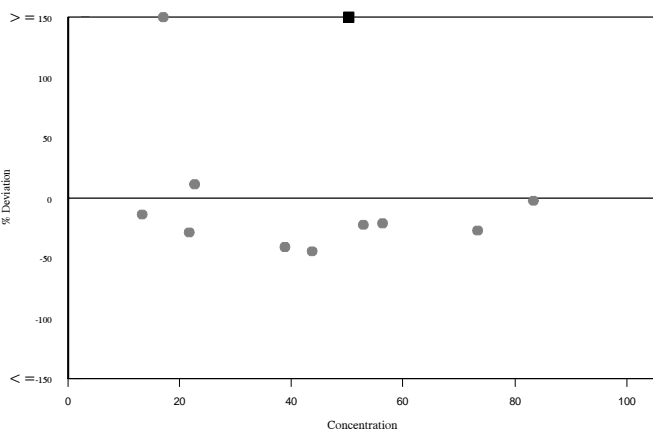
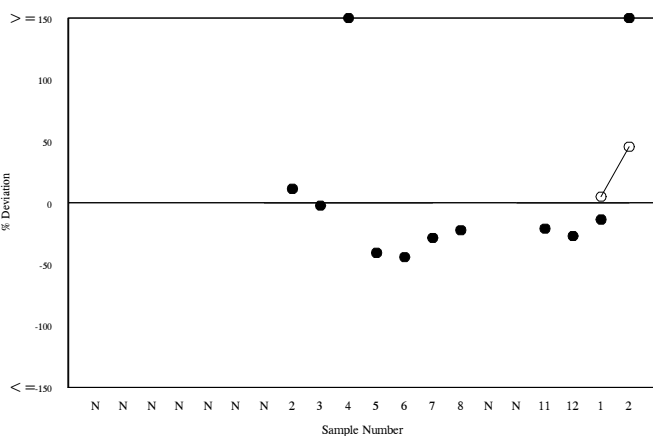
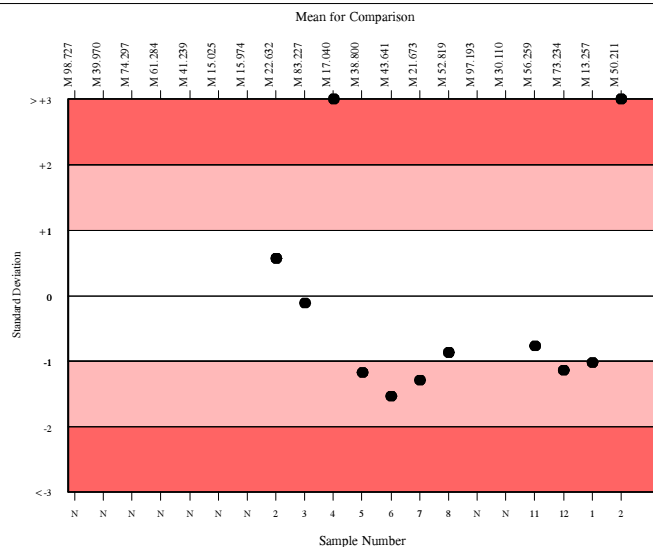
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	280	47.985	21.3	0.76	10.24	31
Roche Cobas 4000/e411	60	50.211	21.7	1.76	10.88	7

▲ Your Result	259.600	SDI RMSDI	19.25 1.88
■ Mean for Comparison	50.211	TS RMTS	N/A N/A
		%DEV RM%DEV	417.0 45.4

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



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	92	43.006	14.2	0.79
Roche Cobas 6000/8000	66	52.258	14.1	1.13
Roche Cobas 4000/e411	60	50.211	21.7	1.76
Siemens/DPC Immulite 1000	19	44.802	15.3	1.96
DiaSorin, Liaison	13	65.705	23.6	5.38
DiaSorin Liaison XL	9	79.032	14.7	4.83
TOSOH	8	56.463	14.9	3.73
Roche Elecsys	5	54.844	24.2	7.42
CIS, IRMA	5	73.336	27.5	11.27

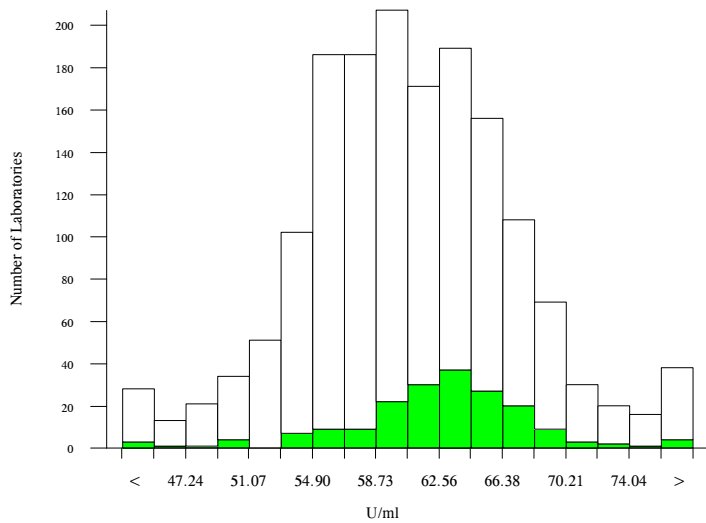


AFP, U/ml

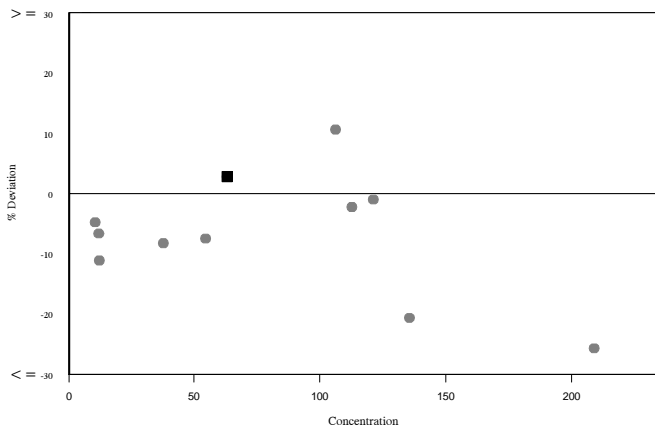
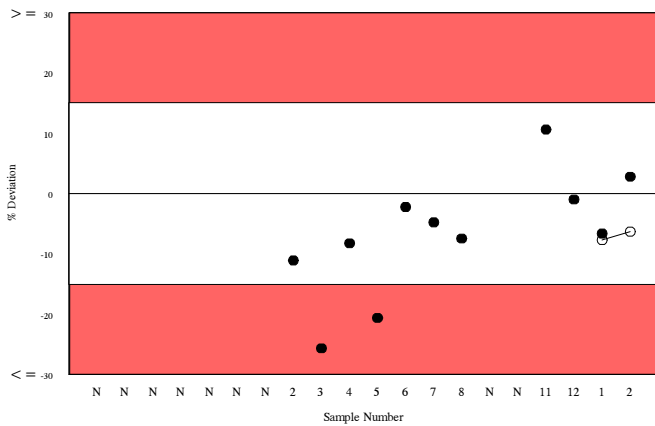
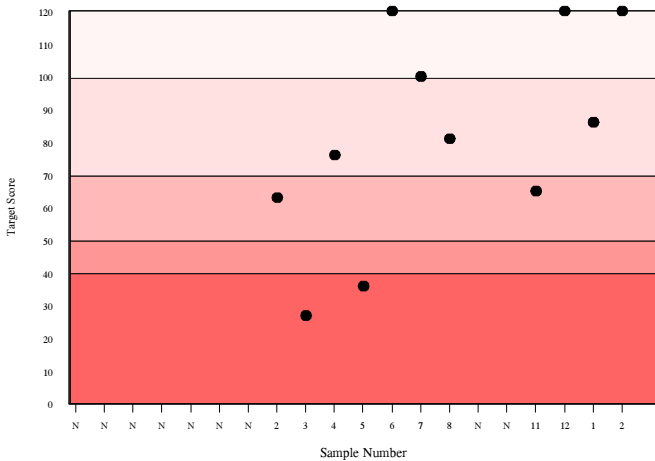
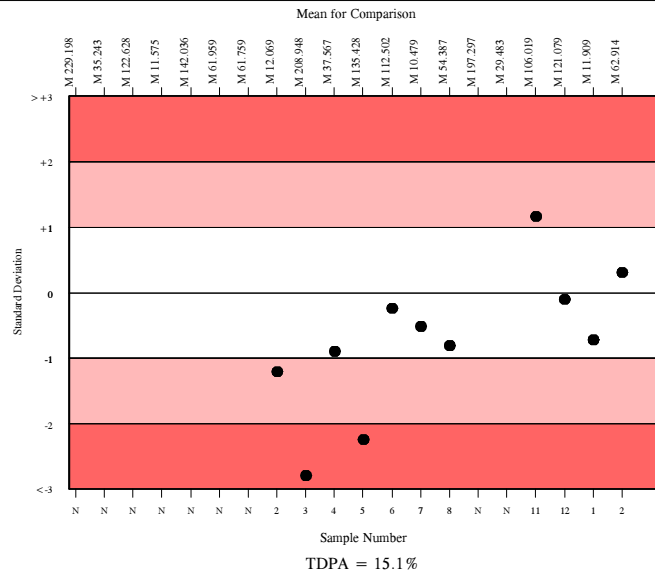
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1510	60.645	8.4	0.16	5.57	119
Roche Cobas 4000/e411	171	62.914	5.9	0.36	5.78	19

▲ Your Result	64.680	SDI	0.31
		RMSDI	-0.69
■ Mean for Comparison	62.914	TS	120
		RMTS	83
		%DEV	2.8
		RM%DEV	-6.3

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	332	63.283	4.8	0.21
Abbott Architect	291	57.518	3.3	0.14
Roche Cobas 4000/e411	171	62.914	5.9	0.36
Beckman DxI 600/800	167	55.136	8.0	0.43
Siemens Centaur XP/XPT/Classic	151	67.336	5.7	0.39
Siemens/DPC Immulite 2000/2500	55	56.497	5.6	0.54
bioMerieux, Vidas/Mini Vidas	51	60.083	8.2	0.86
Roche Elecsys	42	58.809	9.7	1.10
Beckman Access/LXi725	44	57.580	7.4	0.80
Ortho Vitros 3600/5600/ECi	29	59.227	9.6	1.32
Tosoh	24	55.416	5.7	0.81
Siemens Centaur CP	19	67.559	5.7	1.10
DiaSorin Liaison XL	16	64.520	4.0	0.81
Siemens/DPC Immulite 1000	17	54.186	14.7	2.41
CIS, IRMA	15	86.115	8.7	2.42
DiaSorin, Liaison	14	60.720	9.8	1.98
Roche Modular E170	12	63.253	4.5	1.04
Fujirebio Lumipulse G Series	10	60.773	3.5	0.85
SNIBE Maglumi analysers	9	56.410	6.7	1.57
Siemens Dimension	4	62.653	2.6	1.01
Brahms Kryptor	2	55.575	14.3	7.03



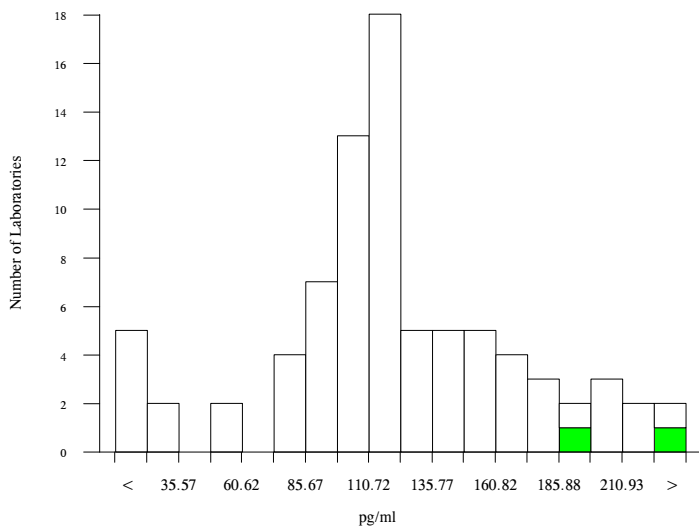
Aldosterone, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	69	123.252	27.1	5.03	28.92	13
DiaMetra ELISA	1	190.400	0.0	0.00	N/A	1

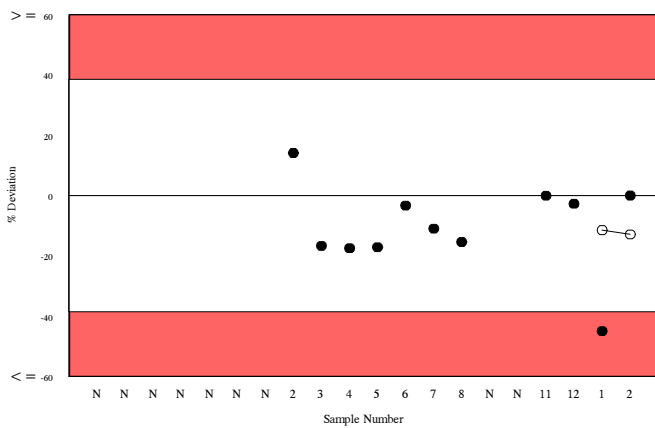
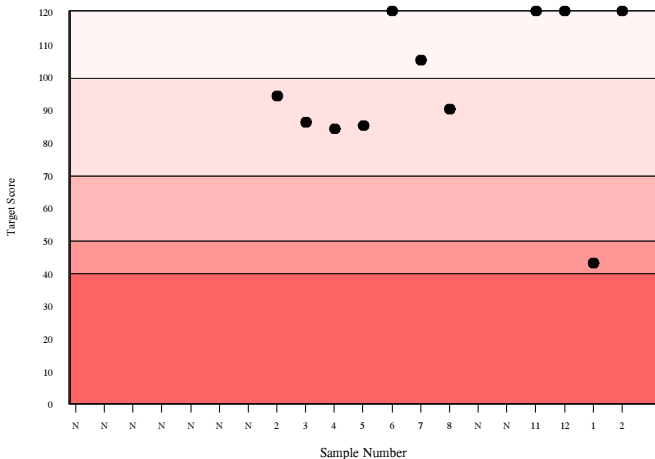
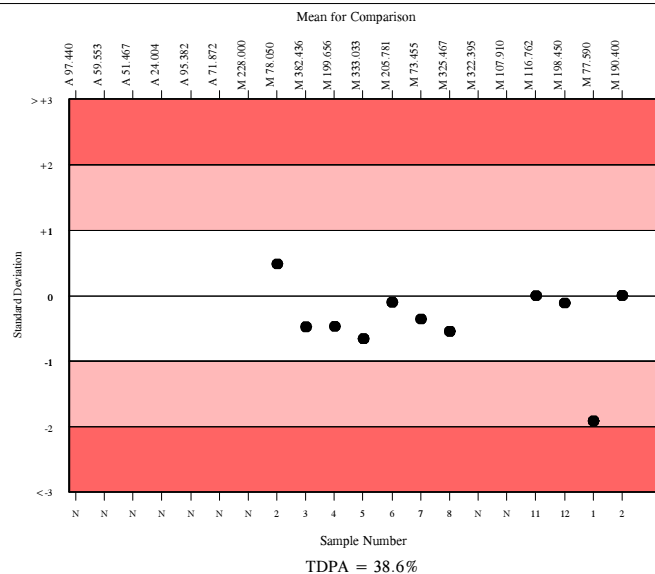
▲ Your Result	190.400	SDI	0.00
		RMSDI	-0.47
■ Mean for Comparison	190.400	TS	120
		RMTS	97
		%DEV	0.0
		RM%DEV	-12.9

The mean for comparison is not statistically significant

Acceptable limits derived from Biological Variation	36.7%
Acceptable limits of performance for RIQAS	38.60%



Method	N	Mean	CV%	U _m
DiaSorin Liaison XL	16	106.773	7.8	2.61
DiaSorin, Liaison ELISA	12	118.224	8.0	3.39
Immunotech RIA	8	174.193	18.4	14.18
DRG ELISA	5	117.165	15.5	10.16
IDS iSYS	8	151.089	11.2	7.48
CIS, RIA	6	90.511	21.1	9.73
SNIBE Maglumi analysers	4	14.387	8.9	0.80
Zentech RIA	3	113.347	18.5	15.13
DBE, ELISA	2	86.450	5.6	4.31
DiaMetra ELISA	2	153.850	6.9	9.44
	1	190.400	0.0	0.00

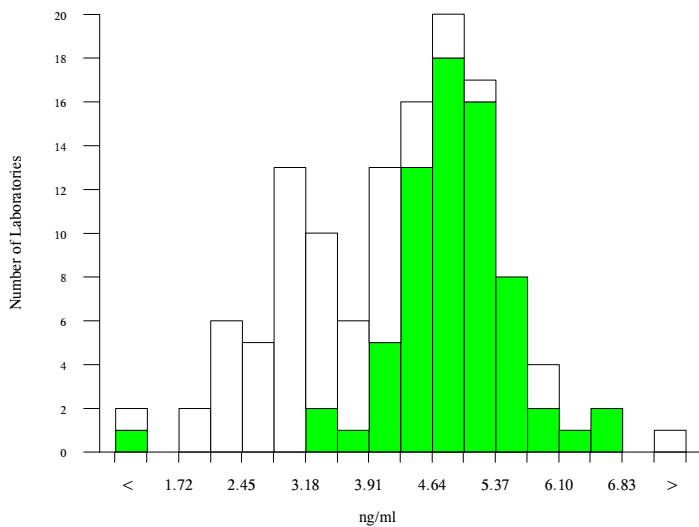


Androstenedione, ng/ml

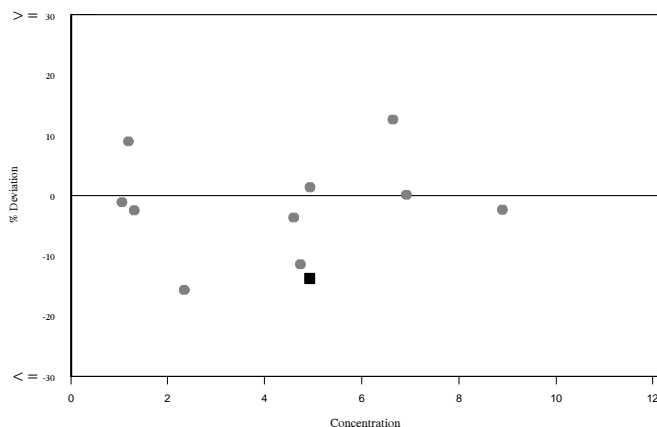
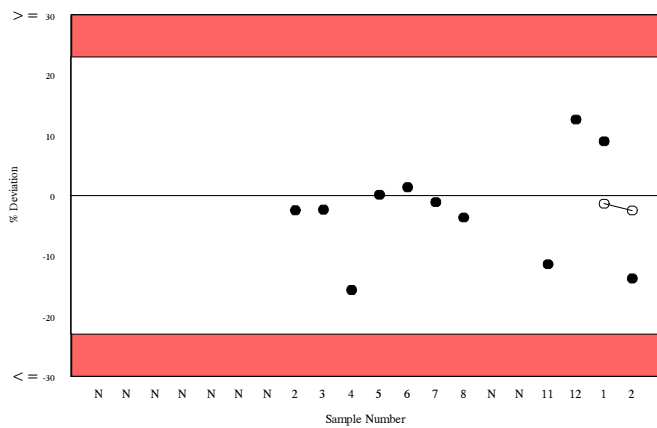
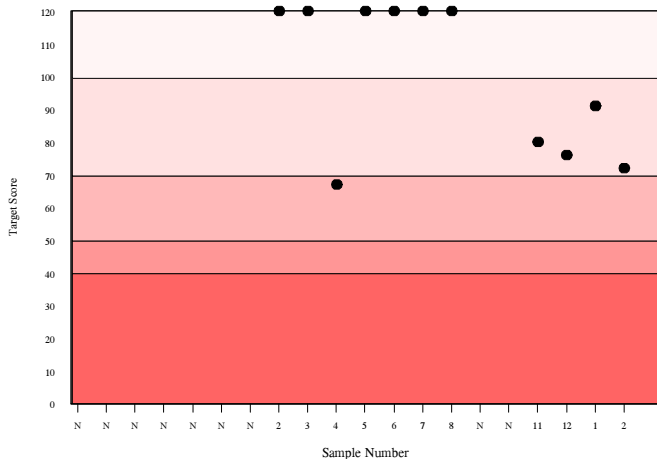
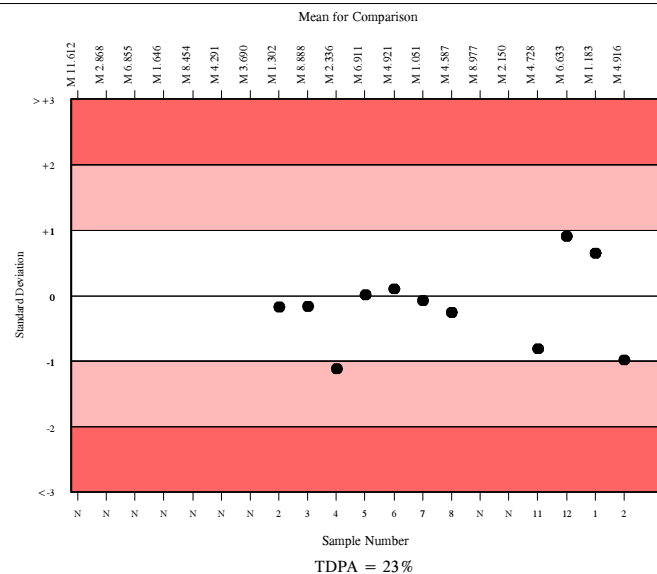
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	118	4.280	22.7	0.11	0.60	8
Siemens/DPC Immulite 2000	62	4.916	8.8	0.07	0.69	7

▲ Your Result	4.240	SDI	-0.98
		RMSDI	-0.18
■ Mean for Comparison	4.916	TS	72
		RMTS	98
		%DEV	-13.8
		RM%DEV	-2.5

Acceptable limits derived from Biological Variation	23.51%
Acceptable limits of performance for RIQAS	23.00%



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000	62	4.916	8.8	0.07
Siemens/DPC Immulite 1000	15	4.159	9.8	0.13
Beckman Coulter Active RIA	9	2.531	15.1	0.16
DiaSorin Liaison XL	5	2.900	3.1	0.05
DIAsource, RIA	4	3.669	6.5	0.15
DRG ELISA	4	3.583	27.7	0.62
DiaMetra ELISA	2	3.300	8.6	0.25
DBC ELISA	2	3.380	3.3	0.10
DIAsource, ELISA	2	2.814	7.3	0.18
IBL International ELISA	2	5.189	22.1	1.01
Labor Diagnostike Nord ELISA	2	2.730	18.7	0.45
Novatec ELISA	2	2.650	18.7	0.44

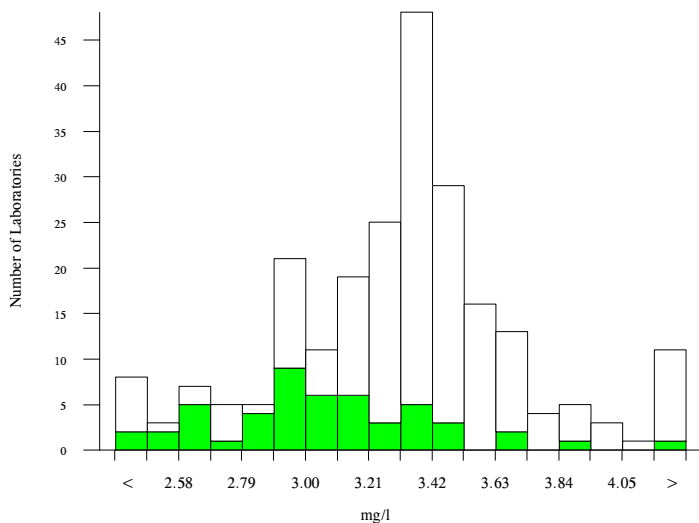


Beta-2-Microglobulin, mg/l

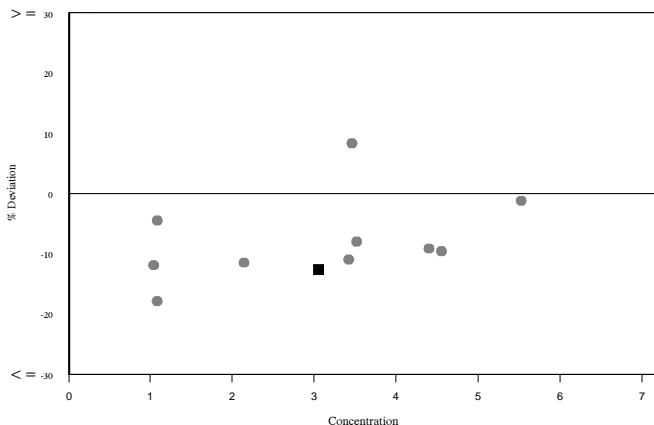
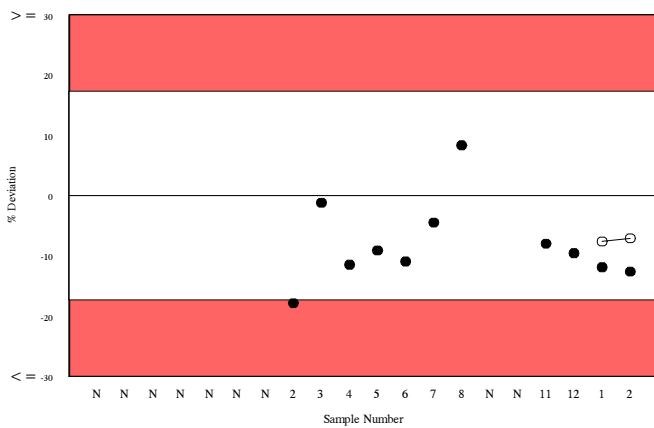
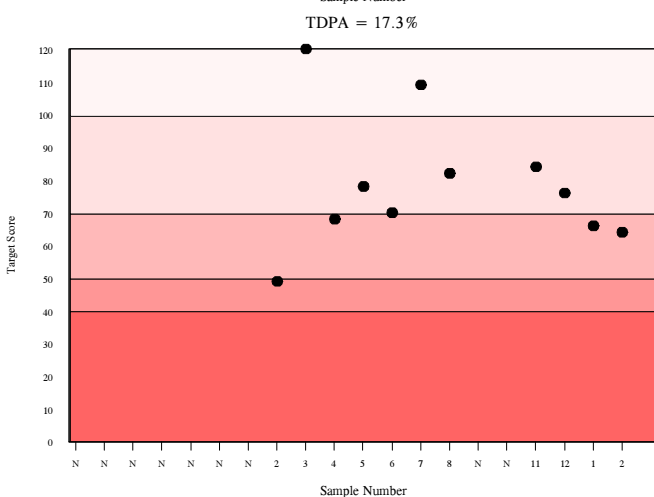
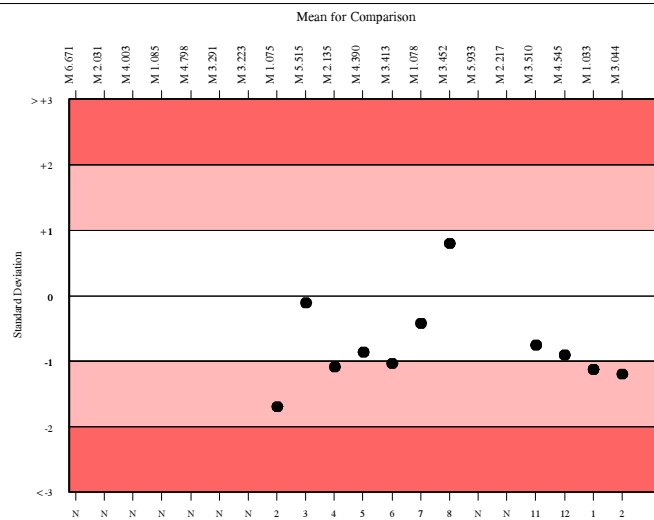
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	207	3.321	8.4	0.02	0.35	27
Siemens/DPC Immulite 2000/2500	45	3.044	9.1	0.05	0.32	5

▲ Your Result	2.660	SDI RMSDI	-1.20 -0.67
■ Mean for Comparison	3.044	TS RMTS	64 81
		%DEV RM%DEV	-12.6 -7.1

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	45	3.044	9.1	0.05
Roche Cobas 6000/8000	37	3.437	4.3	0.03
Abbott Architect	25	3.403	1.8	0.02
bioMerieux, VIDAS	26	3.455	8.7	0.07
Siemens/Behring Nephelometer	10	3.329	4.7	0.06
Beckman AU400/600/640/2700/5400	8	3.565	7.7	0.12
DiaSorin, Liaison	7	3.017	6.4	0.09
Siemens/DPC Immulite 1000	7	3.533	10.8	0.18
Fujirebio Lumipulse G Series	6	2.908	5.4	0.08
TOSOH	6	3.327	7.7	0.13
DiaSorin Liaison XL	5	2.914	9.6	0.16
Siemens Dimension	4	3.465	2.5	0.05
Roche Tinaquant	3	3.531	4.9	0.13
Siemens Advia 1200/1650/1800/2400	3	3.277	2.1	0.05
Roche Cobas 4000/c311	3	3.337	7.5	0.18
Roche Modular P	3	3.133	3.1	0.07
Abbott AxSYM	2	3.640	9.3	0.30
Beckman Immage	2	3.800	7.4	0.25
Biolatex Immunoassay	2	2.650	34.7	0.81
DakoCytomation PET kit	2	4.145	2.6	0.09
ELISA	2	5.450	27.2	1.31

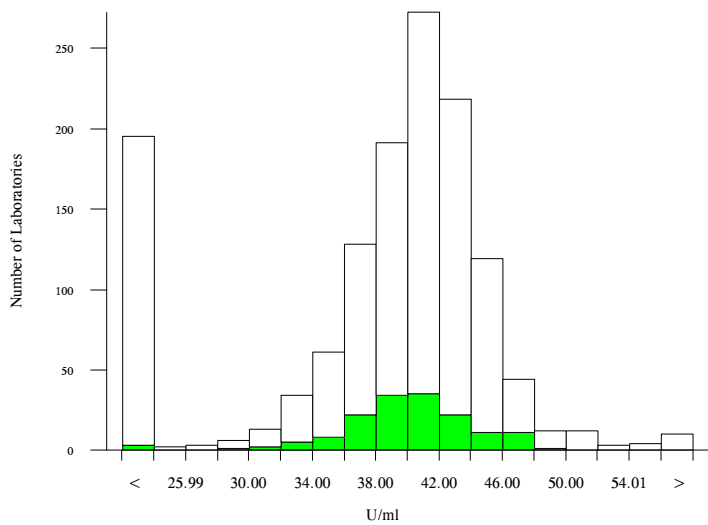


CA 15-3, U/ml

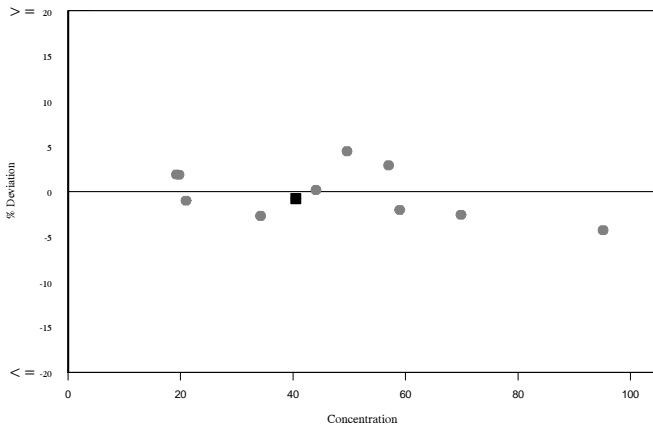
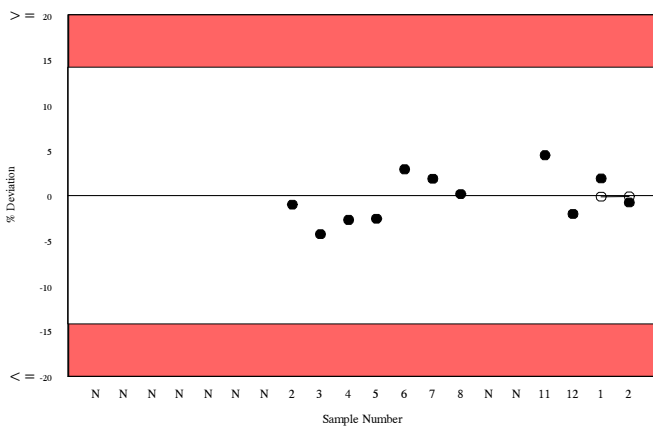
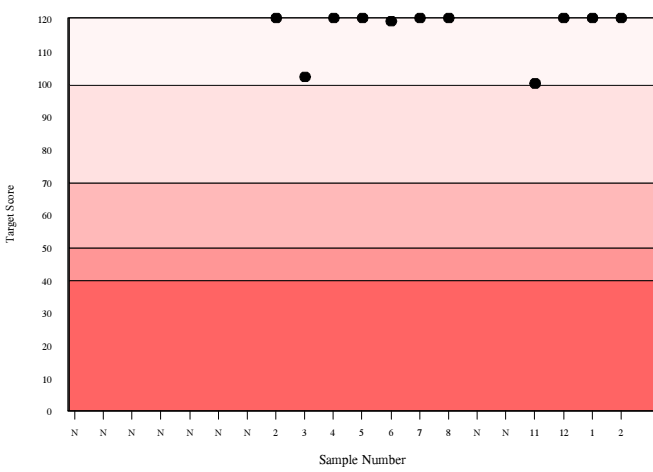
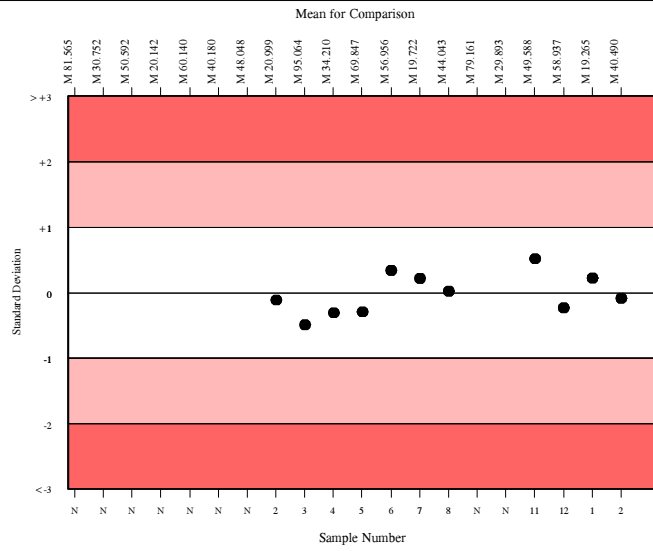
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1164	40.005	13.3	0.20	3.45	164
Roche Cobas 4000/e411	141	40.490	7.5	0.32	3.50	14

▲ Your Result	40.180	SDI RMSDI	-0.09 -0.01
■ Mean for Comparison	40.490	TS RMTS	120 116
		%DEV RM%DEV	-0.8 -0.1

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	280	41.462	5.2	0.16
Abbott Architect	242	41.961	5.9	0.20
Roche Cobas 4000/e411	141	40.490	7.5	0.32
Beckman DxI 600/800	138	19.505	7.4	0.15
Siemens Centaur XP/XPT/Classic	134	40.091	7.6	0.33
BioMerieux VIDAS	55	36.741	4.9	0.30
Roche Elecsys	37	39.756	10.5	0.85
Beckman Access/LXi725	29	19.125	6.9	0.30
Siemens/DPC Immulite 2000/2500	29	42.929	8.8	0.88
Ortho Vitros 3600/5600/ECi	18	34.944	6.2	0.64
TOSOH	16	40.695	15.1	1.92
DiaSorin Liaison XL	13	41.039	6.2	0.89
Siemens Centaur CP	10	40.220	3.9	0.62
Roche Modular E170	11	41.331	3.0	0.47
DiaSorin, Liaison	11	43.357	13.3	2.17
CIS, IRMA	11	39.299	5.1	0.76
Siemens/DPC Immulite 1000	10	47.633	15.1	2.84
Fujirebio Lumipulse G Series	9	44.347	4.1	0.76
SNIBE Maglumi analysers	8	26.105	14.3	1.65
Siemens Dimension	3	37.233	1.1	0.29
Brahms Kryptor	2	43.715	5.5	2.11

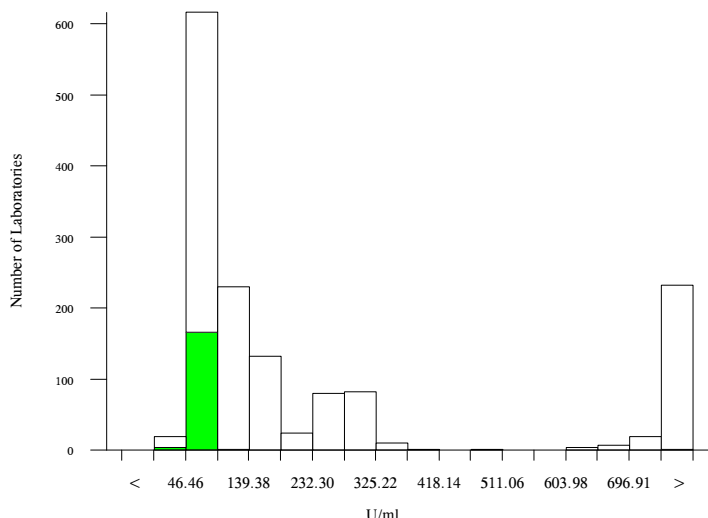


CA 19-9, U/ml

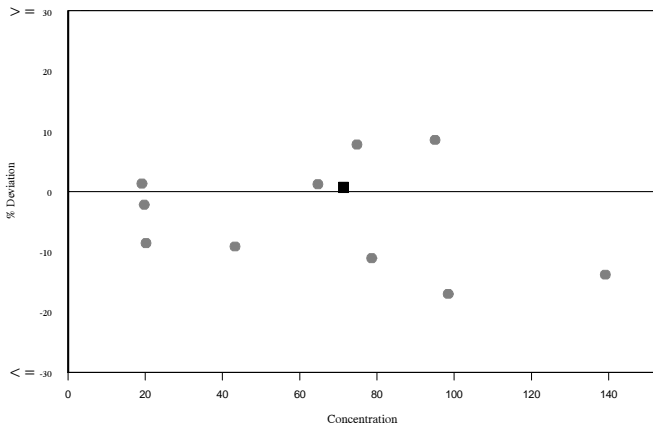
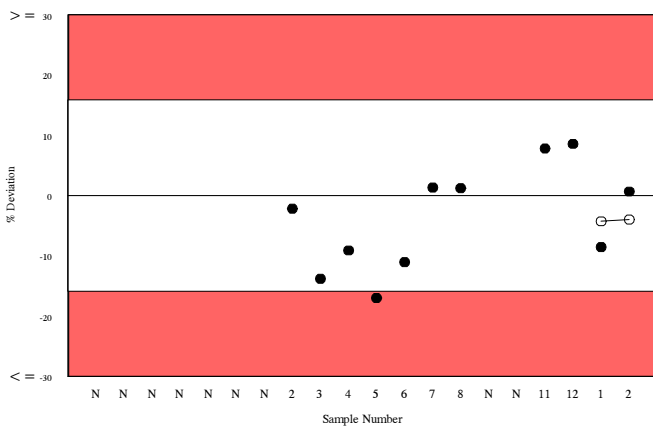
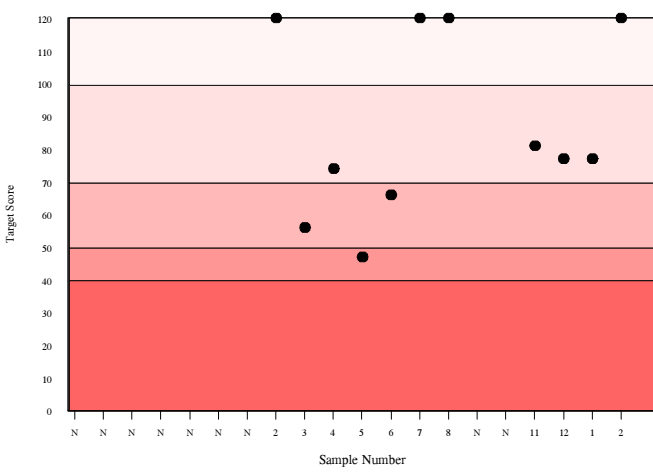
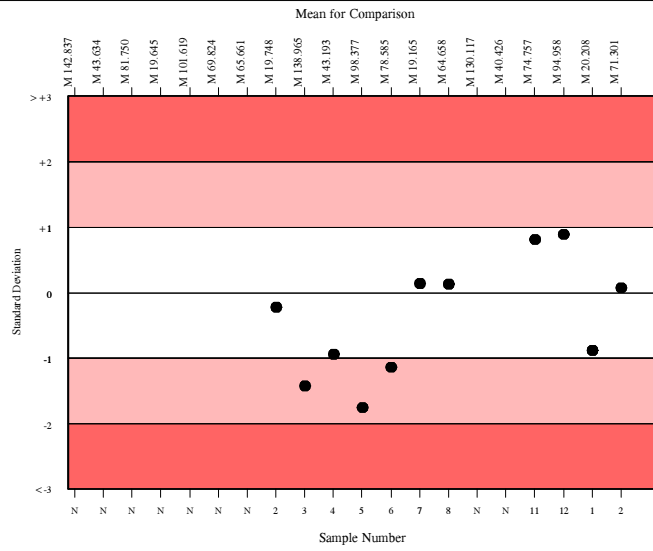
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1297	173.216	109.7	6.60	18.00a	162
Roche Cobas 4000/e411	154	71.301	6.5	0.47	6.89	18

▲ Your Result	71.790	SDI	0.07
		RMSDI	-0.41
■ Mean for Comparison	71.301	TS	120
		RMTS	83
		%DEV	0.7
		RM%DEV	-4.0

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	312	69.366	4.7	0.23
Abbott Architect	169	822.324	7.8	6.15
Roche Cobas 4000/e411	154	71.301	6.5	0.47
Beckman DxI 600/800	154	104.819	6.0	0.64
Siemens Centaur XP/XPT/Classic	150	282.800	8.1	2.35
bioMerieux, VIDAS	77	169.952	5.1	1.24
Abbott Architect XR/ XR2 / XRL	72	838.934	6.5	8.01
Siemens/DPC Immulite 2000/2500	36	107.564	11.2	2.52
Roche Elecsys	35	68.691	4.9	0.72
Beckman Access/LXi725	32	114.833	4.9	1.25
Ortho Vitros 3600/5600/ECi	22	183.636	4.0	1.97
TOSOH	16	52.156	4.3	0.69
Siemens Centaur CP	17	276.782	9.8	8.22
DiaSorin Liaison XL	17	158.906	10.2	4.91
CIS, IRMA	14	51.018	12.6	2.15
Roche Modular E170	13	68.536	5.3	1.27
SNIBE Maglumi analysers	12	71.571	18.0	4.66
DiaSorin, Liaison	9	176.753	14.5	10.69
Fujirebio Lumipulse G Series	10	156.371	4.9	3.04
Siemens/DPC Immulite 1000	5	131.400	16.4	12.02
Siemens Dimension	3	147.633	2.0	2.17

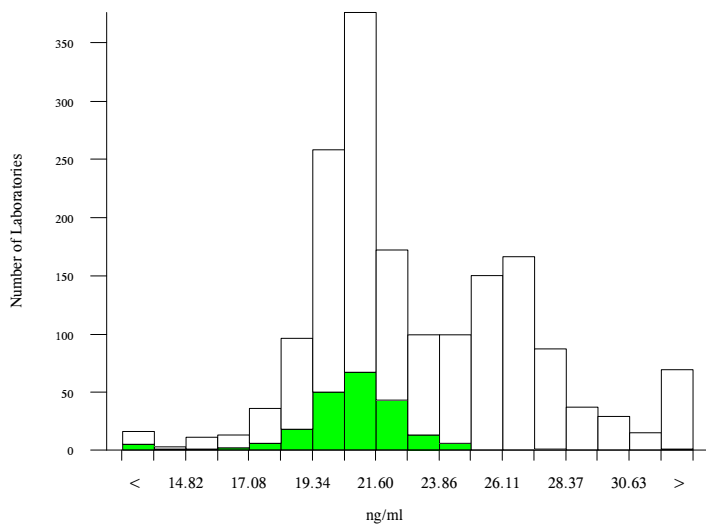


CEA, ng/ml

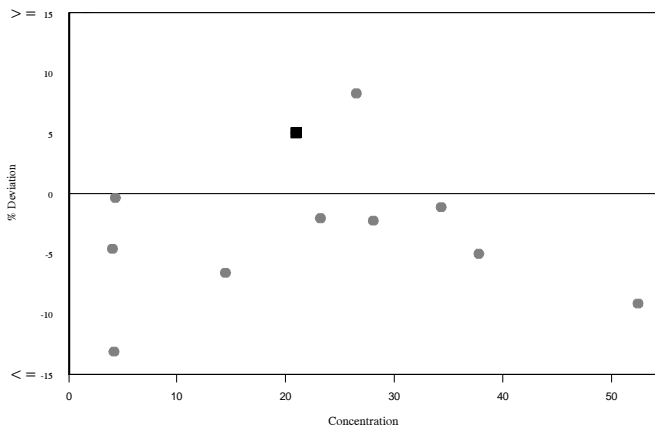
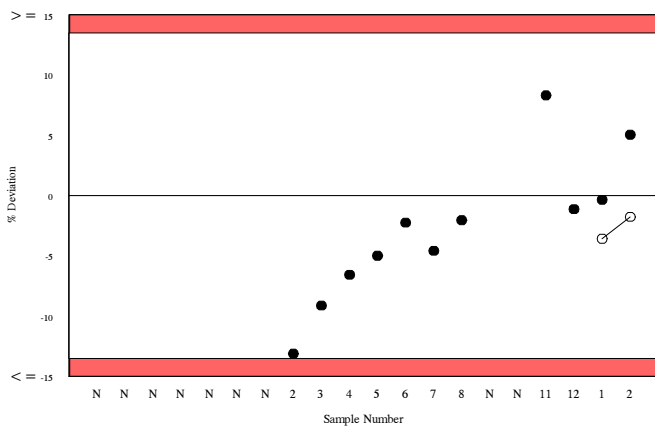
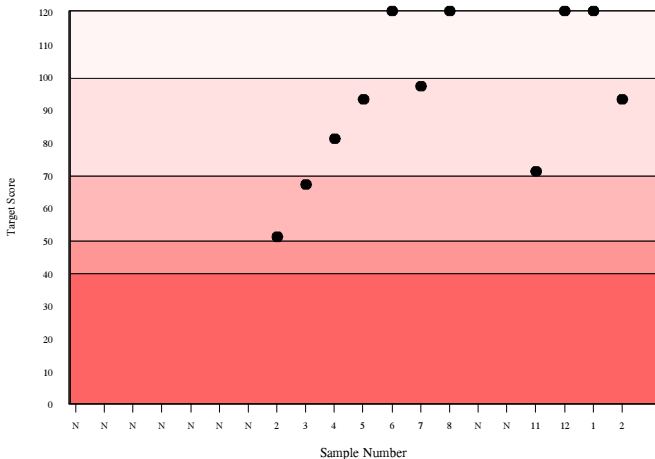
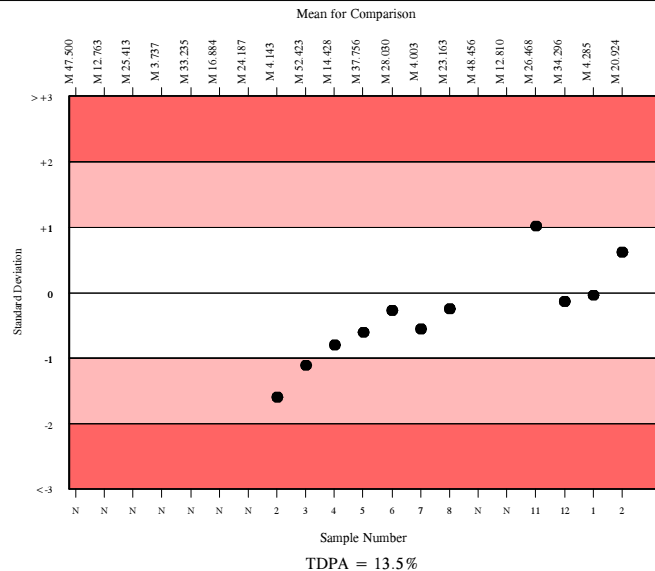
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1605	22.731	13.3	0.09	1.87	129
Roche Cobas 4000/e411	192	20.924	6.0	0.11	1.72	23

▲ Your Result	21.980	SDI	0.61
		RMSDI	-0.22
■ Mean for Comparison	20.924	TS	93
		RMTS	98
		%DEV	5.0
		RM%DEV	-1.8

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	344	20.793	3.5	0.05
Abbott Architect	320	26.678	4.1	0.08
Roche Cobas 4000/e411	192	20.924	6.0	0.11
Beckman DxI 600/800	171	20.402	6.2	0.12
Siemens Centaur XP/XPT/Classic	157	24.988	5.5	0.14
bioMerieux, VIDAS	62	21.341	5.3	0.18
Siemens/DPC Immulite 2000/2500	46	30.738	6.0	0.34
Beckman Access/LXi725	45	21.617	4.8	0.19
Roche Elecsys	46	20.562	9.0	0.34
Ortho Vitros 3600/5600/ECi	30	25.061	4.5	0.26
Siemens Centaur CP	24	24.863	6.4	0.41
Tosoh	23	37.371	6.2	0.60
Siemens/DPC Immulite 1000	18	32.328	10.1	0.96
CIS, RIA Coated tube	16	15.594	3.3	0.16
DiaSorin Liaison XL	18	20.320	10.7	0.64
DiaSorin, Liaison	16	19.536	7.6	0.47
Roche Modular E170	13	20.512	3.2	0.23
Fujirebio Lumipulse G Series	13	32.109	3.9	0.43
SNIBE Maglumi analysers	11	20.453	11.5	0.89
Siemens Dimension	4	20.600	3.3	0.42
Abbott AxSYM	2	24.385	17.9	3.86

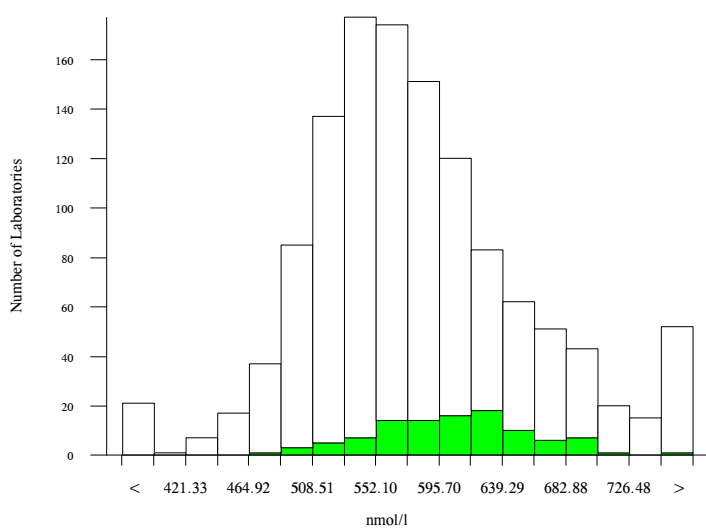


Cortisol, nmol/l

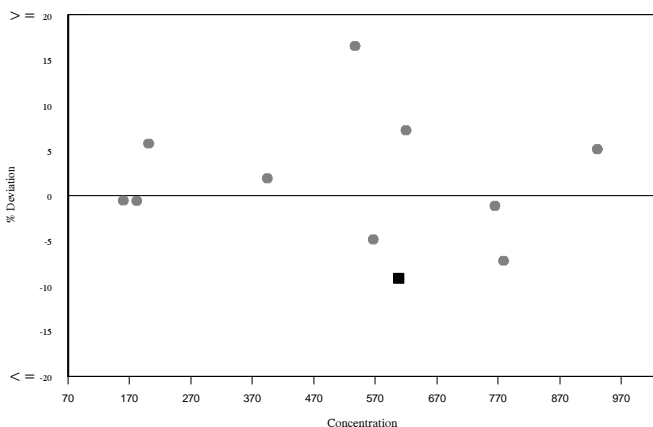
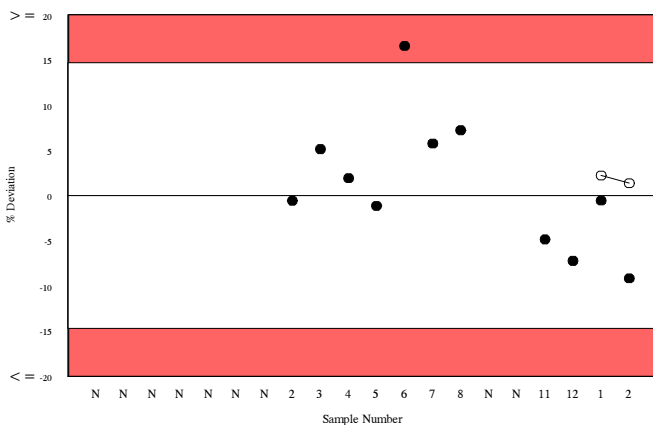
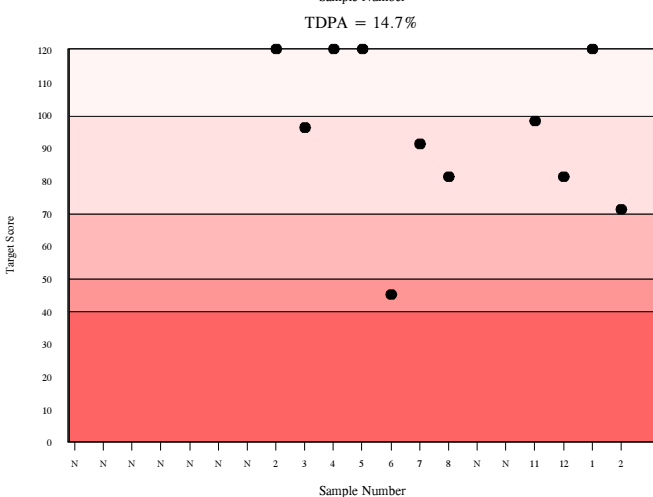
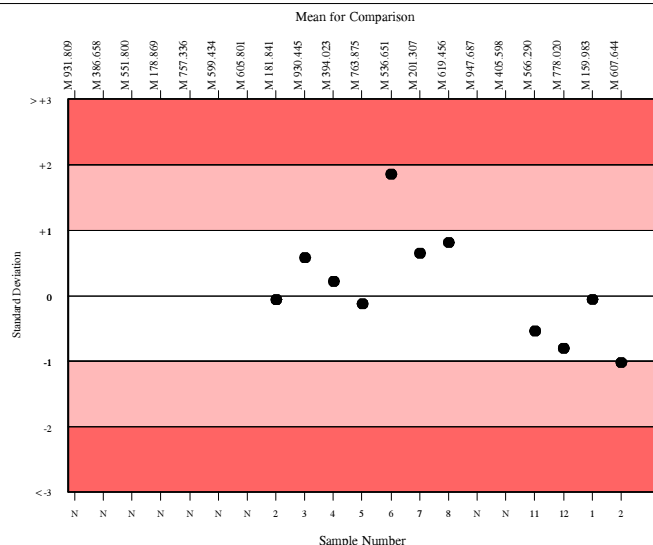
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1153	573.906	10.1	2.14	51.29	100
Roche Cobas 4000/e411	99	607.644	7.9	6.06	54.31	4

▲ Your Result	552.000	SDI	-1.02
		RMSDI	0.15
■ Mean for Comparison	607.644	TS	71
		RMTS	92
		%DEV	-9.2
		RM%DEV	1.4

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



Method	N	Mean	CV%	U _m
Abbott Architect	222	517.056	4.4	1.89
Roche Cobas 6000/8000 Gen II	151	564.122	4.1	2.33
Beckman DxI 600/800	133	560.291	6.1	3.71
Siemens Centaur XP/XPT/Classic	122	690.392	8.6	6.71
Roche Cobas 6000/8000	115	580.260	6.6	4.47
Roche Cobas 4000/e411	99	607.644	7.9	6.06
Siemens/DPC Immulite 2000/2500	62	584.868	7.7	7.19
Roche Cobas 4000/e411 Gen II	41	619.057	7.9	9.51
Roche Elecsys	30	598.742	9.0	12.30
Beckman Access/LXi725	29	609.846	8.9	12.60
Siemens/DPC Immulite 1000	22	613.997	6.9	11.23
Tosoh	18	631.369	5.8	10.77
Ortho Vitros 3600/5600/ECi	20	553.309	6.0	9.31
bioMerieux, VIDAS	19	541.437	12.3	19.10
CIS, RIA	12	472.425	5.3	9.03
DiaSorin, Liaison	10	576.754	10.3	23.47
SNIBE Maglumi analysers	8	649.801	7.5	21.60
Siemens Centaur CP	8	727.029	5.9	18.91
Roche Modular E170 Gen II	6	570.552	6.7	19.43
Roche Modular E170	5	550.301	3.5	10.79
Abbott AxSYM	2	512.354	17.9	80.97

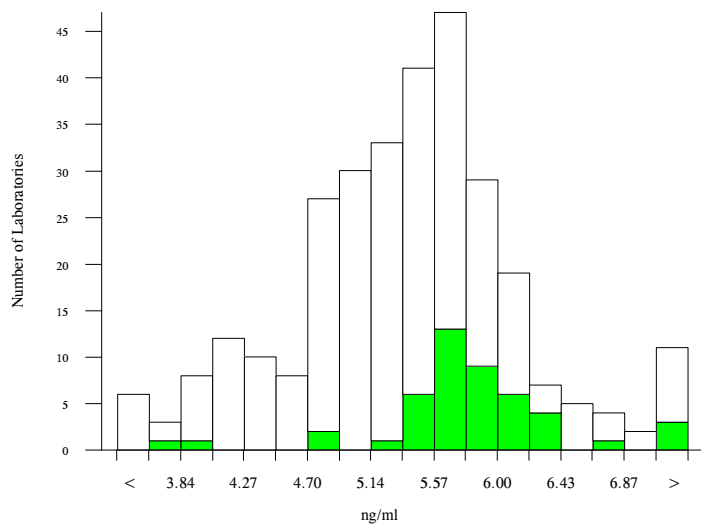


C-Peptide, ng/ml

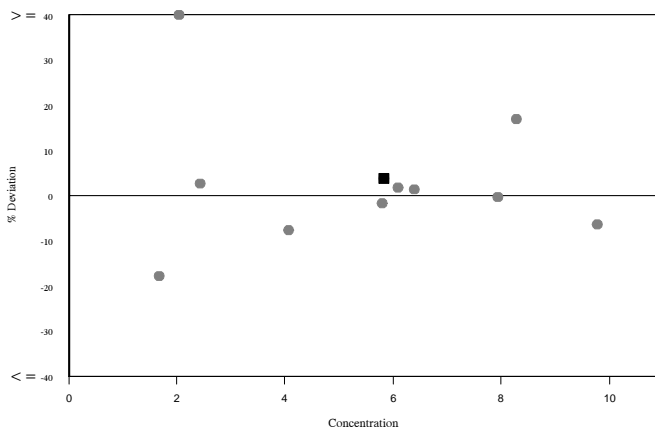
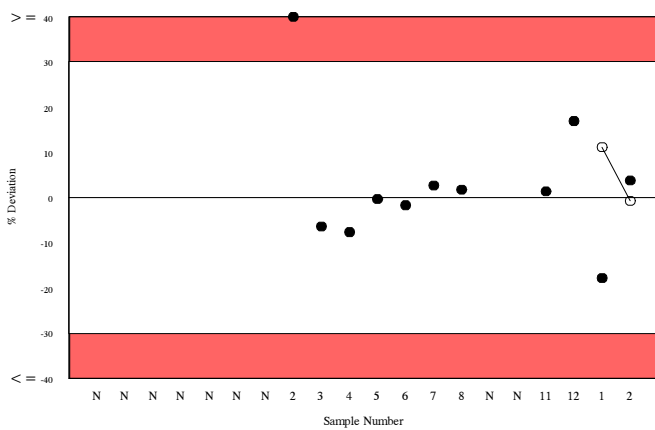
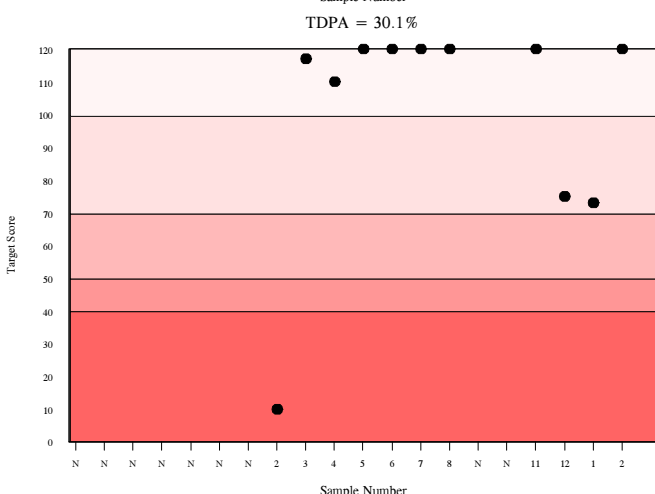
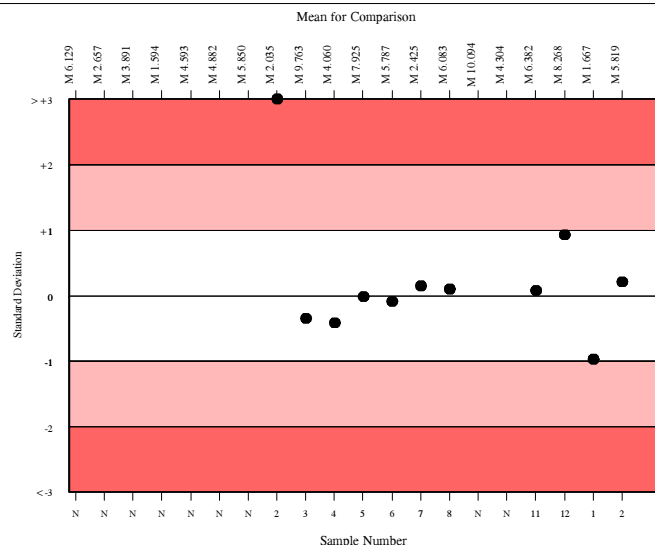
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	274	5.357	10.8	0.04	0.98	28
Roche Cobas 4000/e411	39	5.819	4.9	0.06	1.06	8

▲ Your Result	6.040	SDI	0.21
		RMSDI	-0.04
■ Mean for Comparison	5.819	TS	120
		RMTS	109
		%DEV	3.8
		RM%DEV	-0.7

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	59	5.671	4.4	0.04
Abbott Architect	45	5.154	5.7	0.05
Roche Cobas 4000/e411	39	5.819	4.9	0.06
Siemens/DPC Immulite 2000/2500	38	5.295	7.7	0.08
Siemens Centaur XP/XPT/Classic	31	4.389	7.3	0.07
TOSOH	9	5.000	4.0	0.08
DiaSorin Liaison XL	7	6.631	3.3	0.10
Siemens/DPC Immulite 1000	6	4.982	5.4	0.14
Roche Elecsys	5	5.688	1.9	0.06
DiaSorin, Liaison	6	5.723	6.7	0.20
ELISA	4	4.584	19.0	0.54
SNIBE Maglumi analysers	5	5.147	26.6	0.76
Roche Modular E170	3	5.713	2.6	0.11
Siemens Centaur CP	2	3.555	28.0	0.88
DIAsource, RIA	2	3.740	6.0	0.20
DRG ELISA	2	5.205	5.3	0.24
Fujirebio Lumipulse G Series	2	5.110	6.4	0.29
Monobind Inc. ELISA / CLIA	2	4.760	19.6	0.82

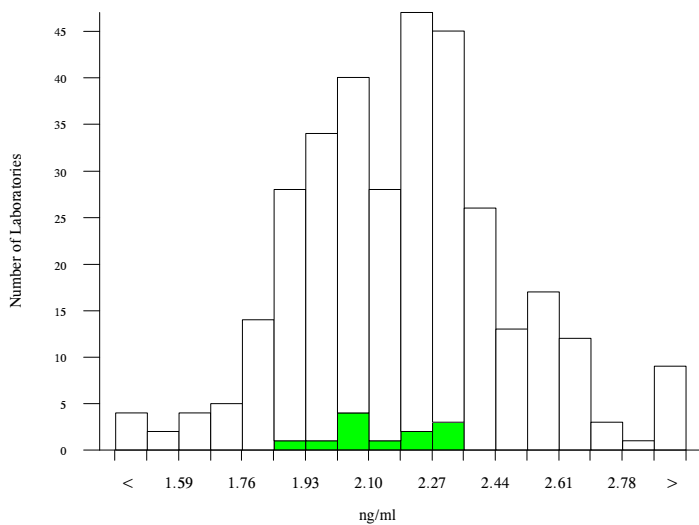


Digoxin, ng/ml

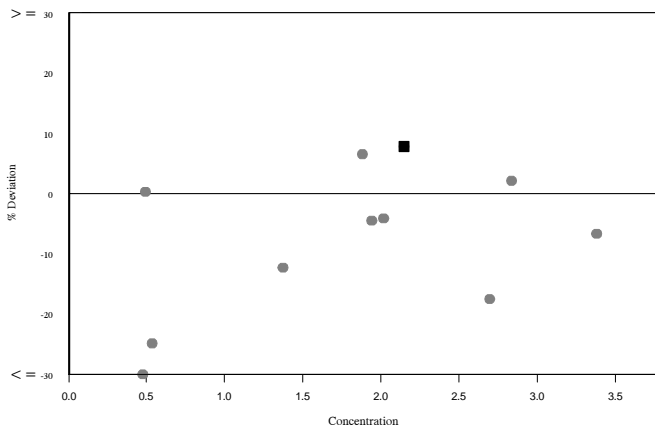
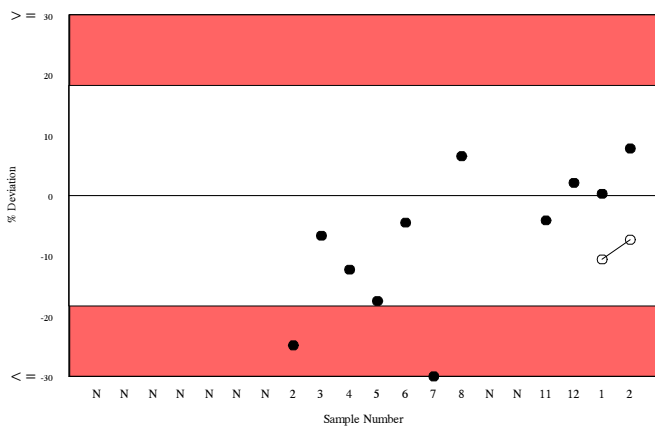
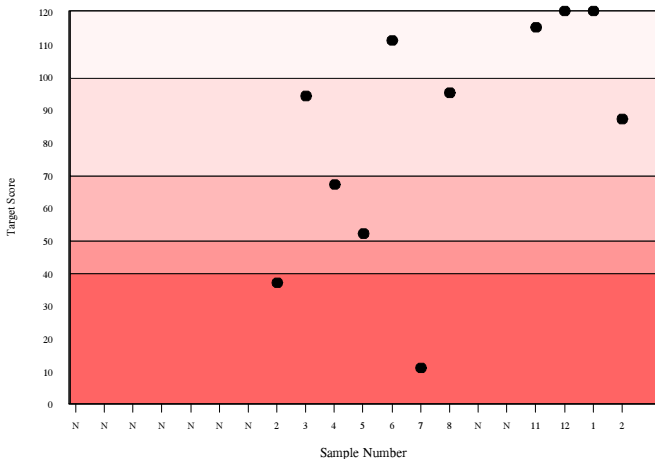
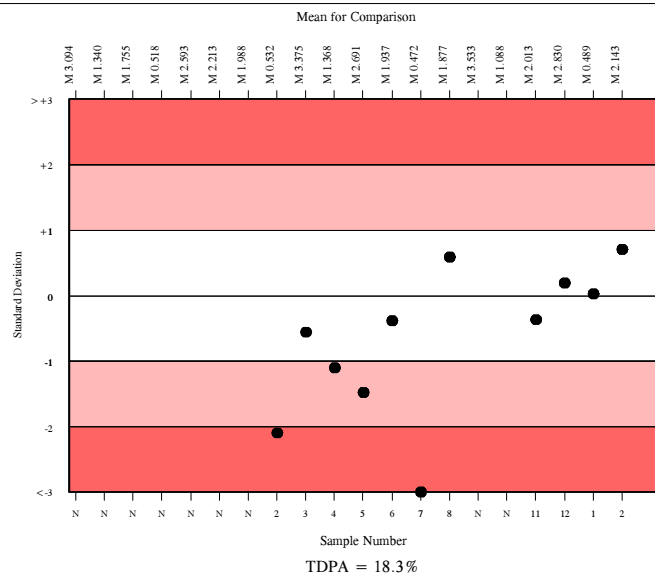
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	309	2.190	10.4	0.02	0.24	23
bioMerieux, VIDAS	12	2.143	6.6	0.05	0.24	0

▲ Your Result	2.310	SDI	0.70
		RMSDI	-0.62
■ Mean for Comparison	2.143	TS	87
		RMTS	87
		%DEV	7.8
		RM%DEV	-7.3

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)	74	1.935	5.4	0.02
Roche Cobas E601/602/801	35	2.231	3.7	0.02
Siemens Centaur XP/XPT/Classic	27	2.629	4.6	0.03
Roche Cobas C501/502/701	23	2.244	4.7	0.03
Beckman DxI 600/800	19	2.308	7.8	0.05
Abbott Architect (PETINIA)	17	2.060	8.6	0.05
Siemens Dimension	13	2.274	4.7	0.04
Beckman AU400/600/640/2700/5400	11	2.387	5.0	0.05
Roche Cobas 4000/e411	13	2.223	6.9	0.05
bioMerieux, VIDAS	12	2.143	6.6	0.05
Roche Integra	9	2.332	10.2	0.10
Siemens ADVIA 1200/1650/1800/2400	6	2.182	1.6	0.02
Siemens/DPC Immulite 2000/2500	5	2.460	8.8	0.12
Beckman DxC	6	1.977	5.2	0.05
Roche Elecsys	5	2.251	2.8	0.03
Vitros	6	2.215	3.3	0.04
Siemens/DPC Immulite 1000	5	2.440	13.2	0.18
Roche Cobas 4000/c311	4	2.353	2.3	0.03
Beckman Access/LXi725	4	2.358	3.2	0.05
Abbott AxSYM	2	2.090	10.8	0.20
Roche Modular E170	2	2.345	3.3	0.07



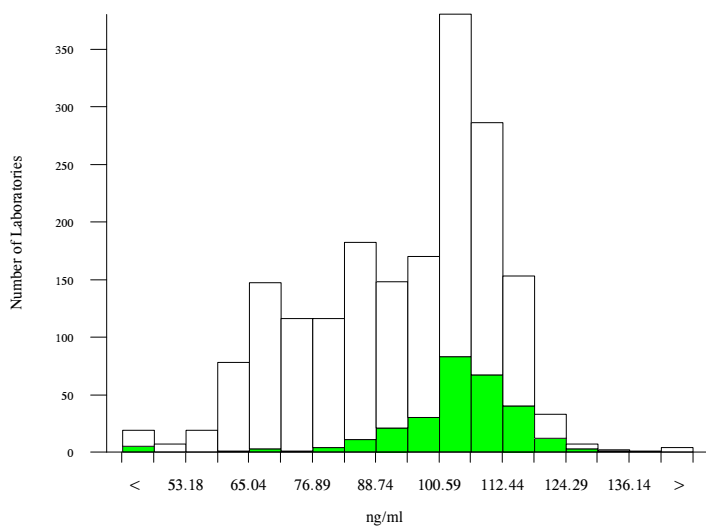
RIQAS

Ferritin, ng/ml

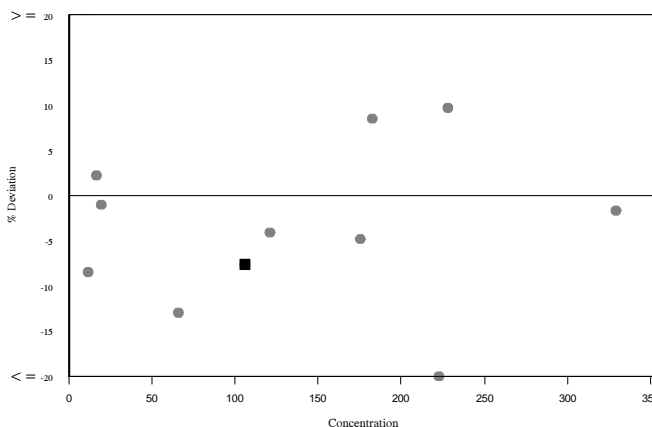
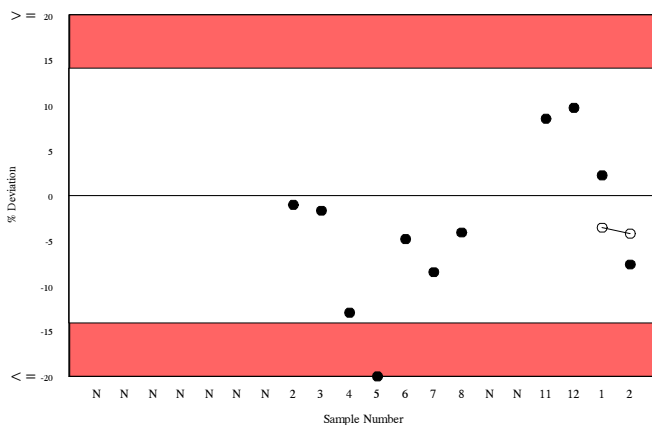
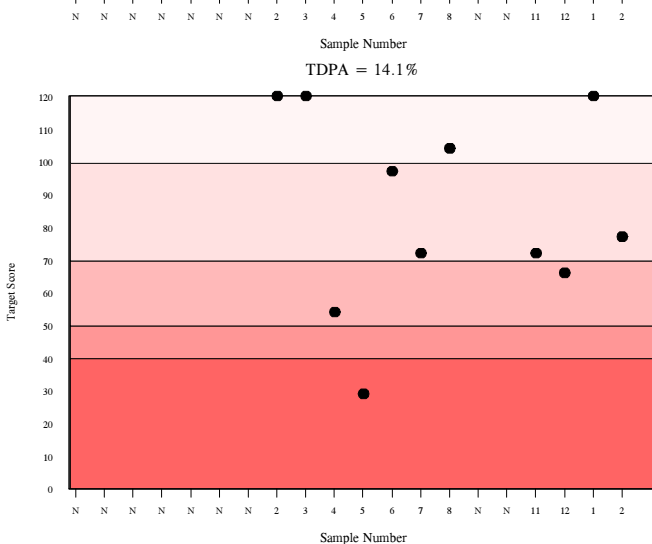
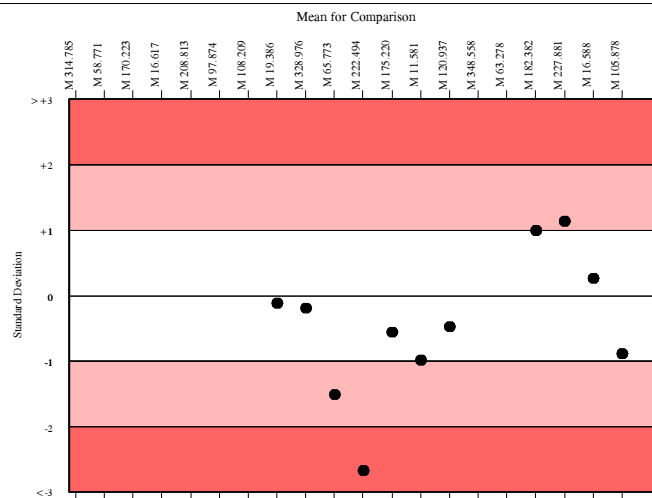
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1805	94.669	16.7	0.46	8.12	64
Roche Elecsys / Cobas e411	256	105.878	7.2	0.59	9.08	27

▲ Your Result	97.810	SDI RMSDI	-0.89 -0.49
■ Mean for Comparison	105.878	TS RMTS	77 81
		%DEV RM%DEV	-7.6 -4.2

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



Method	N	Mean	CV%	U _m
Roche Modular E170 /Cobas e601/602/801	367	103.694	4.3	0.29
Abbott Architect Chemiluminescence	299	109.909	4.3	0.34
Roche Elecsys / Cobas e411	256	105.878	7.2	0.59
Beckman DxI 600/800	194	69.522	6.1	0.38
Siemens Centaur XP/XPT/Classic	192	86.646	5.3	0.41
Beckman Access/LXi725	54	69.079	5.6	0.66
bioMerieux, VIDAS	40	80.732	8.6	1.37
Siemens/DPC Immulite 2000/2500	41	91.598	7.9	1.41
Ortho Vitros 3600/5600/ECi	41	64.048	4.4	0.55
Roche Cobas C501/502/701	38	90.233	10.9	2.00
Siemens Centaur CP	25	83.868	3.5	0.73
Tosoh	24	67.150	10.3	1.76
Roche Cobas 4000/c311	20	101.563	9.8	2.77
Beckman AU400/600/640/2700/5400	17	86.724	4.6	1.22
Siemens Dimension	18	89.317	9.8	2.59
Siemens/DPC Immulite 1000	14	85.046	17.6	5.00
DiaSorin, Liaison	12	90.353	4.5	1.46
Roche Integra	9	95.297	4.1	1.64
DiaSorin Liaison XL	10	106.931	7.0	2.95
SNIBE Maglumi analysers	8	85.818	4.4	1.68
Fujirebio Lumipulse G Series	6	56.717	1.4	0.39

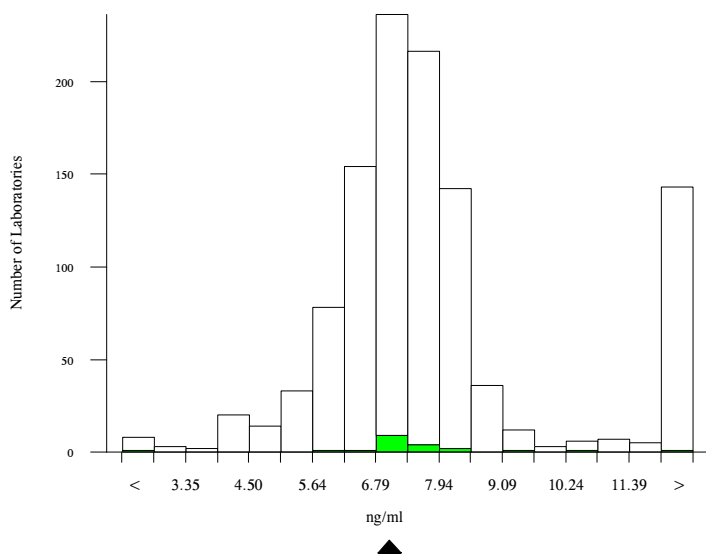


Folate, ng/ml

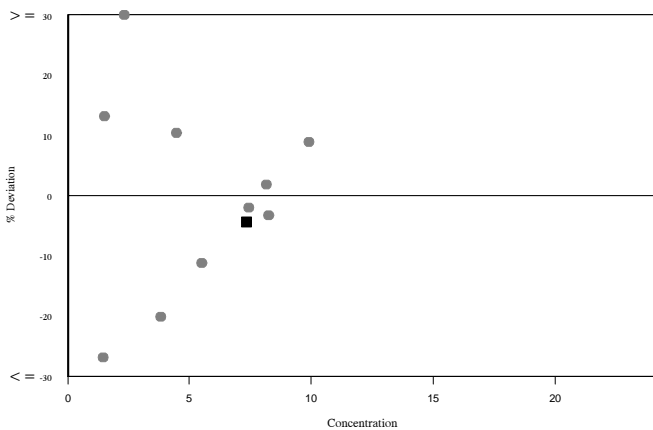
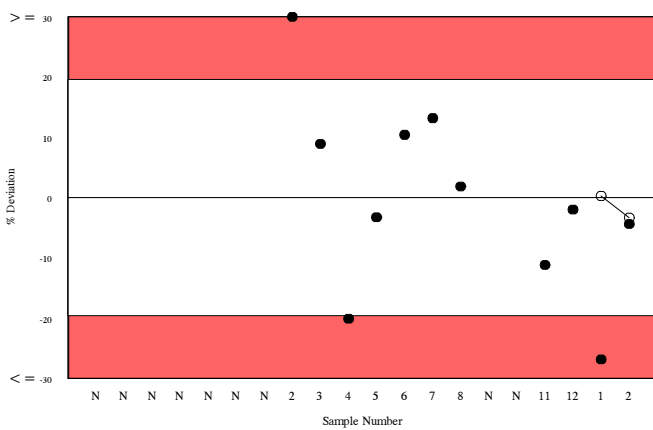
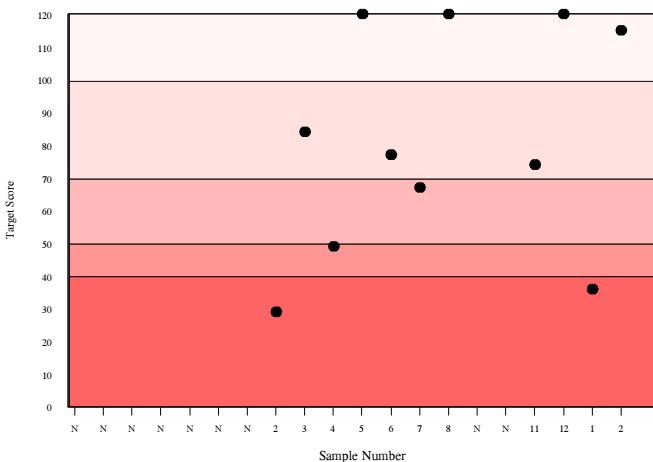
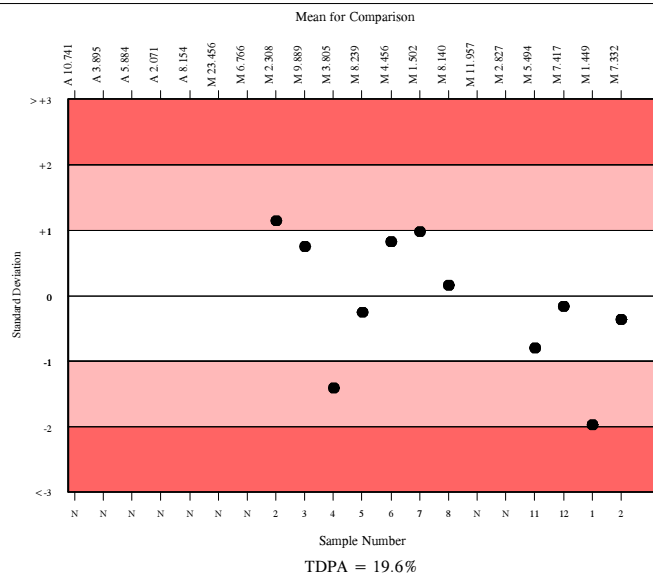
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1001	7.371	20.8	0.06	0.88	117
Roche Folate III - 04476433	17	7.332	7.9	0.17	0.87	4

▲ Your Result	7.010	SDI	-0.37
		RMSDI	-0.23
■ Mean for Comparison	7.332	TS	115
		RMTS	86
		%DEV	-4.4
		RM%DEV	-3.3

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



Method	N	Mean	CV%	U _m
Abbott Architect	225	6.646	7.6	0.04
Siemens Centaur XP/XPT/Classic(enhanced)	121	15.009	9.8	0.17
Roche Cobas 6000/8000 Folate III	95	7.406	6.8	0.06
Roche Cobas 6000/8000	93	7.337	6.5	0.06
Beckman DxI 600/800 - A98032	90	7.913	5.2	0.05
Roche Cobas 4000/e411	67	7.227	14.0	0.15
Roche Folate III - 07559992	70	7.325	6.9	0.08
Beckman DxI 600/800 - A14208	64	7.904	4.1	0.05
Roche cobas 4000/e411 Folate III	38	6.893	9.6	0.13
Siemens/DPC Immulite 2000	34	5.680	9.7	0.12
Beckman Access/LXi725	29	7.970	4.1	0.08
Roche Folate III - 04476433	17	7.332	7.9	0.17
Ortho Vitros 3600/5600/ECi	18	4.803	10.4	0.15
Roche Elecsys	13	7.158	20.8	0.52
TOSOH	12	12.842	17.8	0.82
Siemens Dimension	7	4.599	3.8	0.08
SNIBE Maglumi Analyser	6	9.698	26.3	1.30
Siemens Centaur CP (enhanced kit)	4	15.017	9.9	0.93
MP Biomedicals RIA	4	6.489	18.5	0.75
Roche Modular E170 Folate III	4	7.523	6.7	0.32
Roche Modular E170	4	7.625	5.2	0.25

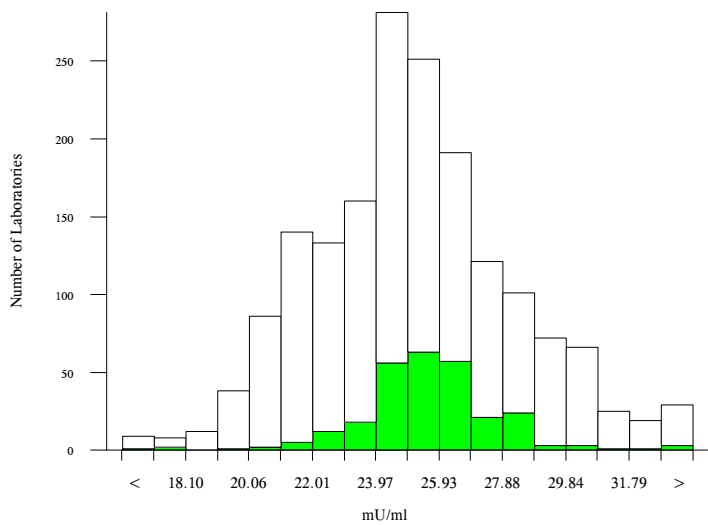


FSH, mU/ml

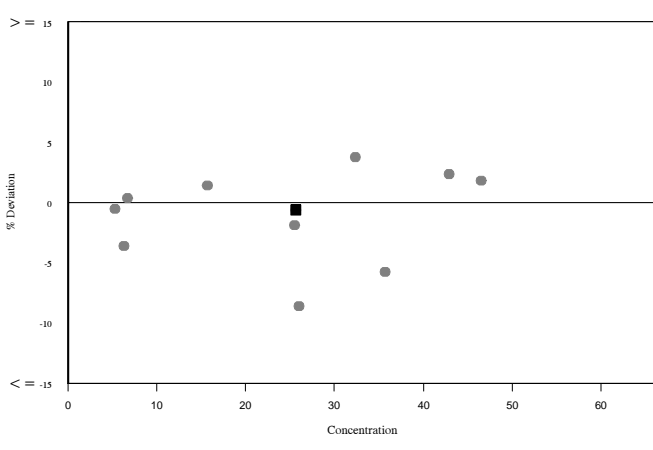
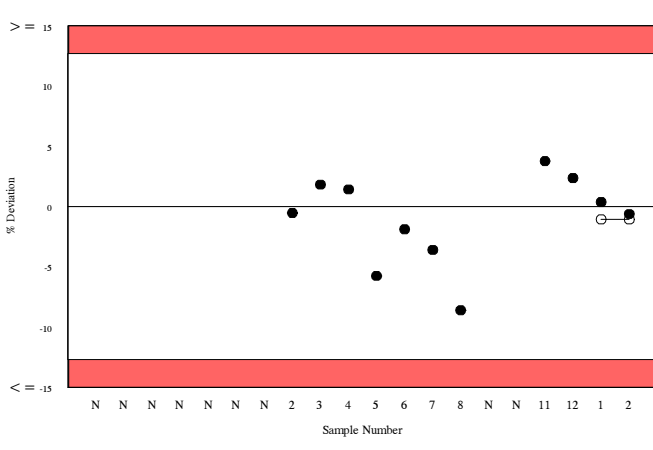
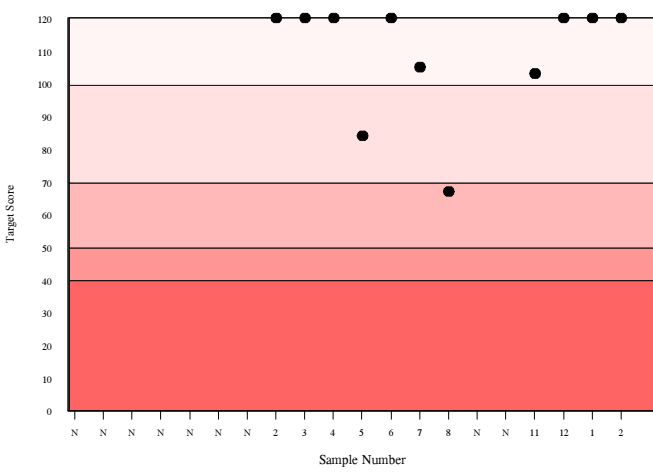
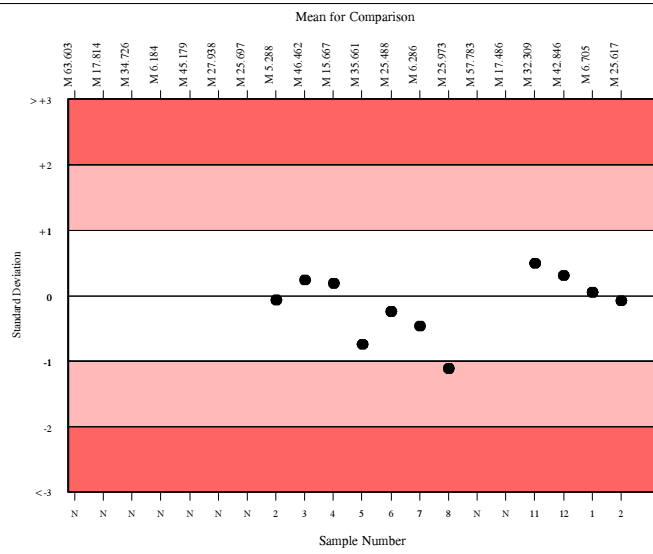
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1639	24.953	10.5	0.08	1.93	104
Roche Cobas 4000/e411	250	25.617	5.8	0.12	1.98	23

▲ Your Result	25.460	SDI RMSDI	-0.08 -0.14
■ Mean for Comparison	25.617	TS RMTS	120 107
		%DEV RM%DEV	-0.6 -1.1

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	342	24.578	4.0	0.07
Abbott Architect	282	21.763	4.5	0.07
Roche Cobas 4000/e411	250	25.617	5.8	0.12
Siemens Centaur XP/XPT/Classic	170	28.990	5.4	0.15
Beckman DxI 600/800	160	26.468	5.7	0.15
bioMerieux, VIDAS	73	27.457	9.2	0.37
Siemens/DPC Immulite 2000/2500	57	24.651	4.6	0.19
Beckman Access/LXi725	53	26.075	6.0	0.27
Roche Elecsys	42	24.572	7.6	0.36
Ortho Vitros 3600/5600/ECi	36	20.319	3.5	0.15
Tosoh	24	26.746	5.0	0.34
Siemens Centaur CP	20	25.099	7.0	0.49
Siemens/DPC Immulite 1000	18	25.116	5.4	0.40
DiaSorin, Liaison	18	32.712	9.1	0.88
SNIBE Maglumi analysers	15	27.027	8.8	0.77
Roche Modular E170	10	24.069	3.2	0.31
Fujirebio Lumipulse G Series	8	19.990	3.6	0.32
DiaSorin Liaison XL	7	36.733	17.4	3.02
DIAsource, IRMA	3	22.977	7.9	1.31
ELISA	2	23.200	35.4	7.25
Immunotech IRMA	3	19.797	4.0	0.57

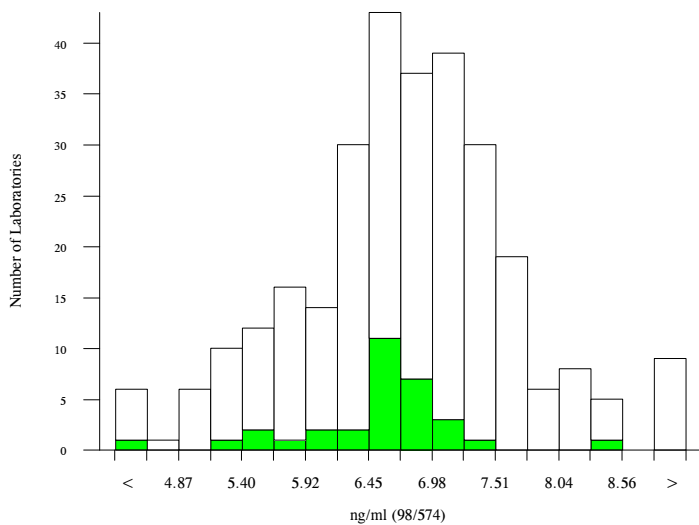


GH, ng/ml (98/574)

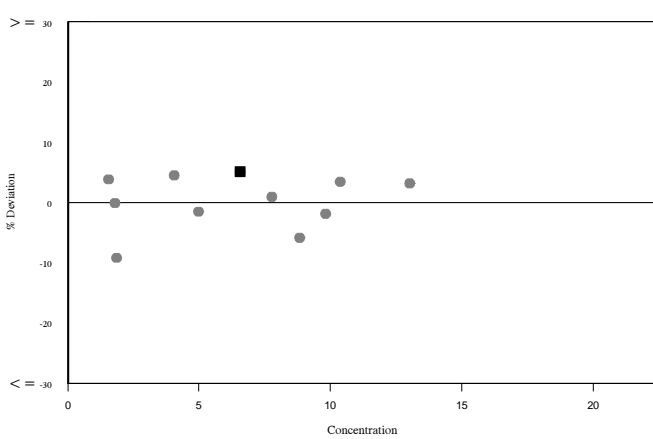
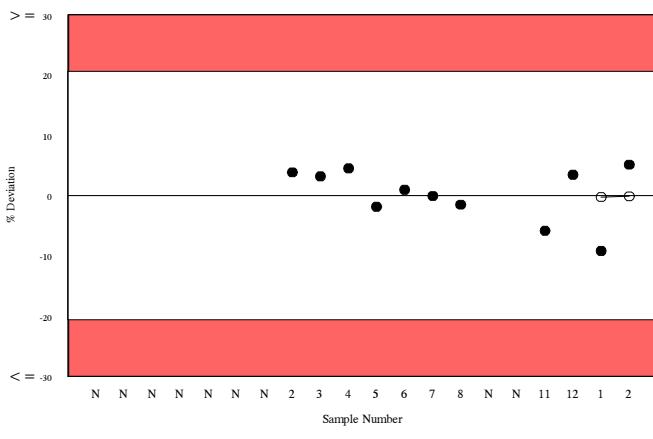
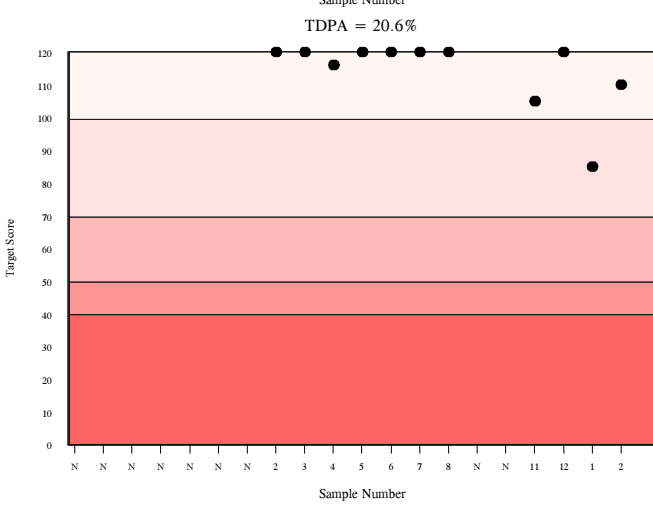
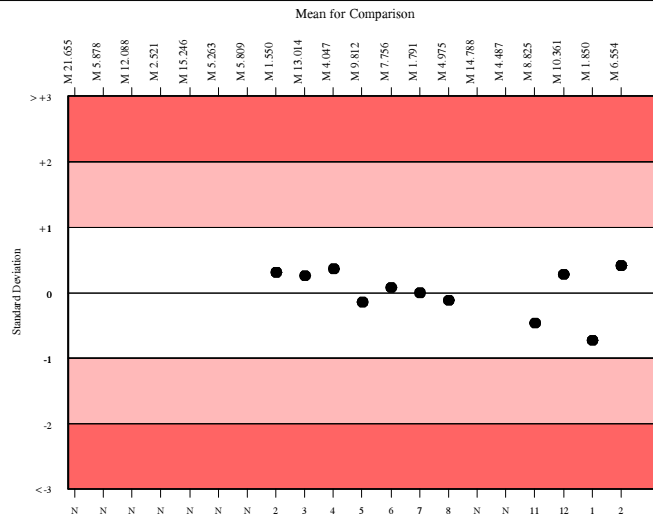
	N	Mean	CV%	U _m	SDPA	Exc.
□ All Methods	267	6.721	10.5	0.05	0.84	24
■ Roche Cobas 4000/e411	29	6.554	6.8	0.10	0.82	3

▲ Your Result	6.890	SDI	0.41
		RMSDI	-0.01
■ Mean for Comparison	6.554	TS	110
		RMTS	113
		%DEV	5.1
		RM%DEV	-0.1

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	96	7.319	5.7	0.05
Roche Cobas 6000/8000	31	6.766	5.0	0.08
Roche Cobas 4000/e411	29	6.554	6.8	0.10
Beckman Dxi 600/800	22	5.648	7.2	0.11
Siemens/DPC Immulite 1000	21	6.612	6.1	0.11
Beckman Access/LXi725	13	5.758	7.5	0.15
DiaSorin, Liaison	12	6.184	9.4	0.21
DiaSorin Liaison XL	9	6.231	9.4	0.24
IDS iSYS	8	6.422	5.4	0.15
Tosoh	6	6.812	12.4	0.43
Roche Elecsys	4	6.763	2.4	0.10
CIS, IRMA	3	6.003	15.5	0.67
DIAsource, IRMA	3	5.294	15.3	0.58
SNIBE Maglumi analysers	3	9.540	2.2	0.15



RIQAS

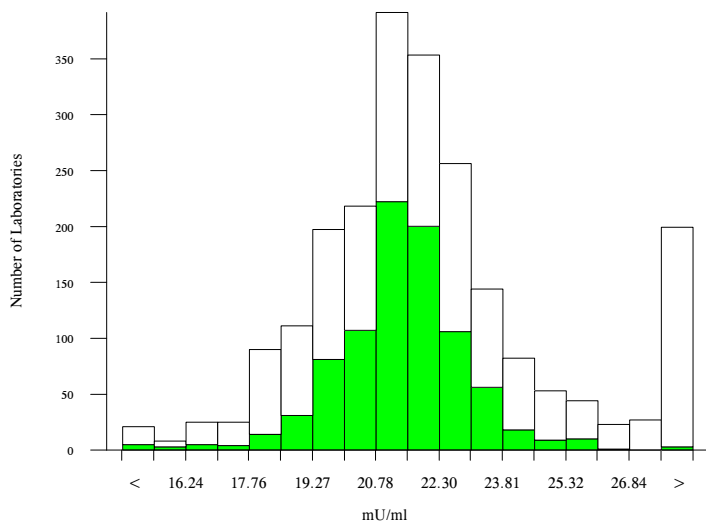


hCG, mU/ml

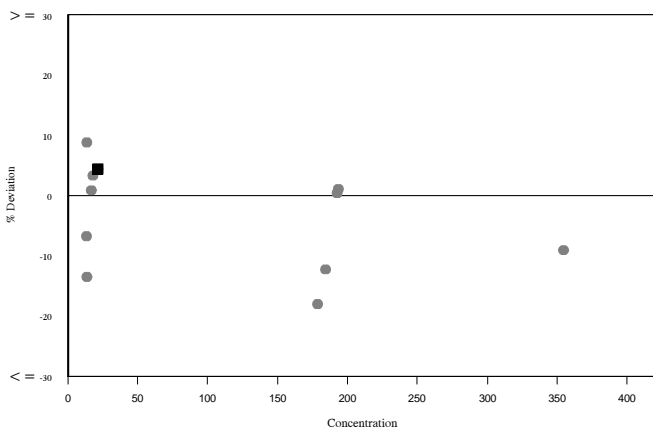
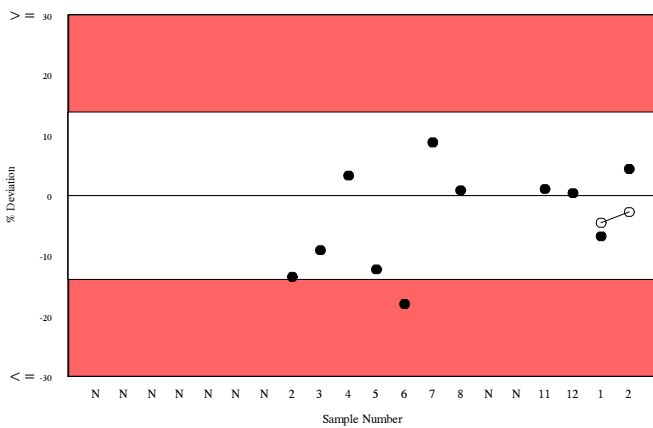
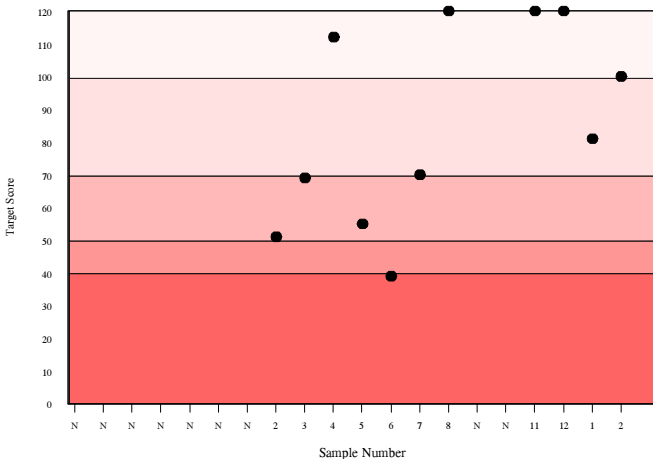
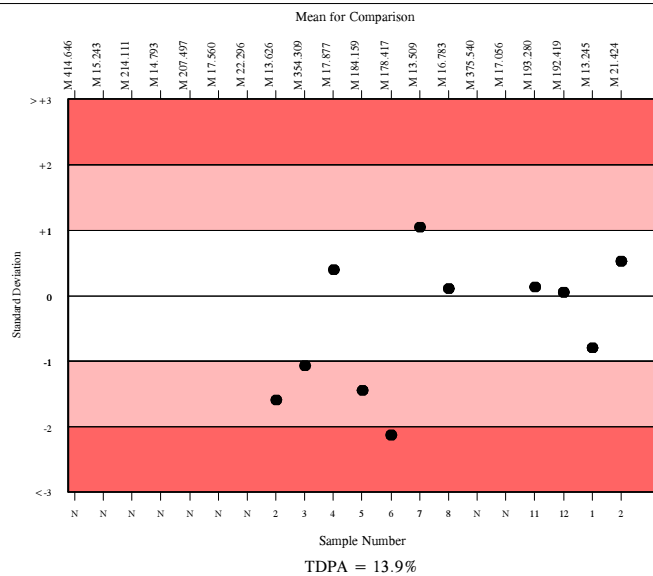
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2046	21.545	9.4	0.06	1.82	222
Roche hCG + Beta	812	21.424	5.3	0.05	1.81	63

▲ Your Result	22.370	SDI RMSDI	0.52 -0.32
■ Mean for Comparison	21.424	TS RMTS	100 88
		%DEV RM%DEV	4.4 -2.7

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	812	21.424	5.3	0.05
Abbott Architect	384	19.698	6.9	0.09
Siemens Centaur XP/XPT/Classic	184	22.407	5.8	0.12
Beckman DxI 600/800	132	22.359	4.6	0.11
bioMerieux, VIDAS	98	26.626	8.2	0.27
Roche hCG STAT(Intact)	67	21.487	5.8	0.19
Siemens/DPC Immulite 2000	66	34.236	9.6	0.51
Beckman Access Total hCG (5th IS)	56	21.948	5.4	0.20
Ortho Vitros 3600/5600/ECi	45	29.615	5.0	0.27
Beckman Access/LXi725	41	21.946	4.4	0.19
Beckman DXI Total hCG (5th IS)	44	22.805	5.4	0.23
Siemens Centaur CP	40	22.900	6.7	0.30
Siemens/DPC Immulite 1000	21	34.138	9.7	0.90
Tosoh	14	28.014	4.0	0.37
DiaSorin, Liaison	15	21.976	15.3	1.08
Siemens Dimension	13	27.286	2.8	0.26
DiaSorin Liaison XL	12	19.831	8.8	0.63
SNIBE Maglumi analysers	10	18.526	15.5	1.13
Fujirebio Lumipulse G Series	7	17.071	5.6	0.45
Radiometer AQT90 Flex	6	21.167	3.6	0.38
Roche Cobas Core EIA	6	20.365	8.5	0.88



RIQAS



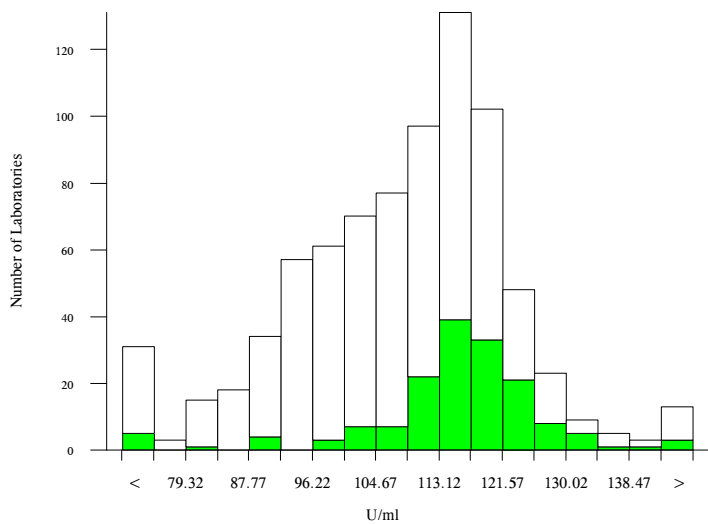
0010

IgE, U/ml

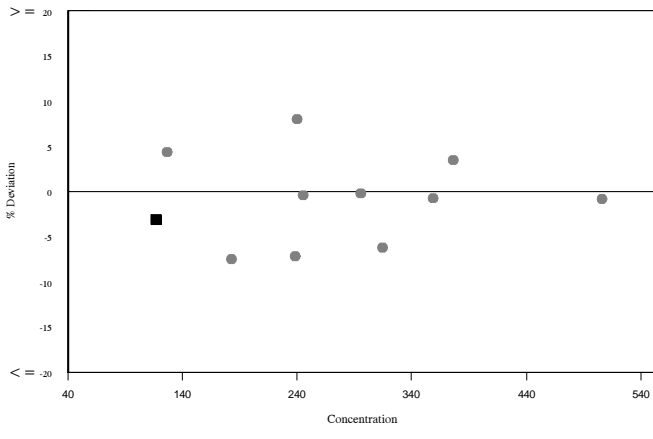
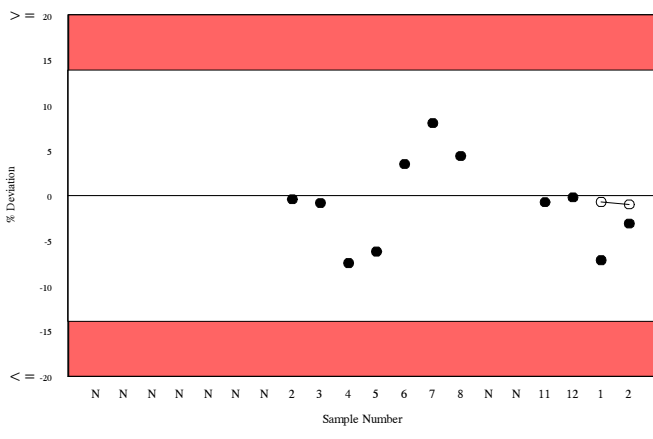
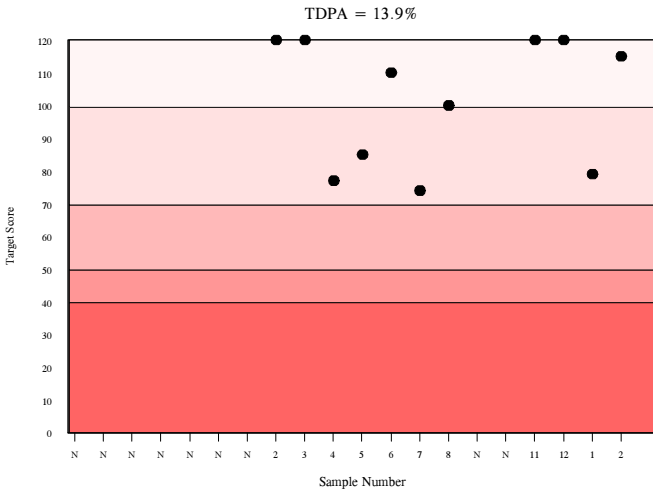
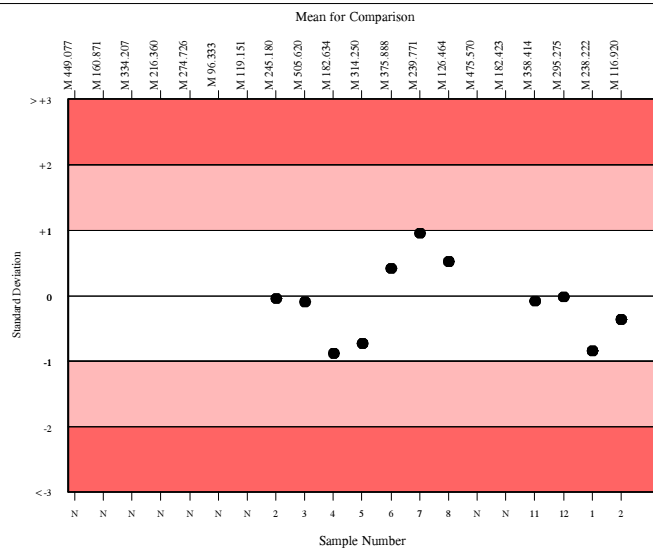
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	740	108.904	10.3	0.52	9.20	57
Roche Cobas 4000/e411	144	116.920	5.9	0.72	9.88	16

▲ Your Result	113.300	SDI RMSDI	-0.37 -0.12
■ Mean for Comparison	116.920	TS RMTS	115 100
		%DEV RM%DEV	-3.1 -1.0

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	148	116.163	3.5	0.41
Roche Cobas 4000/e411	144	116.920	5.9	0.72
Siemens/DPC Immulite 2000/2500	89	109.912	7.8	1.13
Siemens Centaur XP/XPT/Classic	75	102.868	5.2	0.78
bioMerieux, VIDAS	61	91.536	10.7	1.56
Abbott Architect	49	96.112	7.8	1.33
TOSOH	20	104.785	4.4	1.28
Siemens/DPC Immulite 1000	18	113.283	10.1	3.37
Phadia Immuncap instruments	19	105.695	7.0	2.11
Roche Elecsys	13	113.563	9.3	3.66
Beckman Dxi 600/800	10	99.321	7.5	2.94
Siemens Centaur CP	9	109.500	7.8	3.54
Roche Modular E170	9	117.203	4.2	2.06
Fujirebio Lumipulse G Series	6	92.353	4.9	2.30
SNIBE Maglumi analysers	7	95.697	12.4	5.60
Biomed	6	107.678	16.1	8.82
Siemens/Dade Behring Nephelometer	5	89.480	12.0	5.98
Beckman Immage	4	91.525	1.5	0.87
ELISA	2	107.990	28.8	27.51
Randox RX series Instruments	3	98.857	4.8	3.45
Siemens Dimension	2	105.500	7.4	6.87

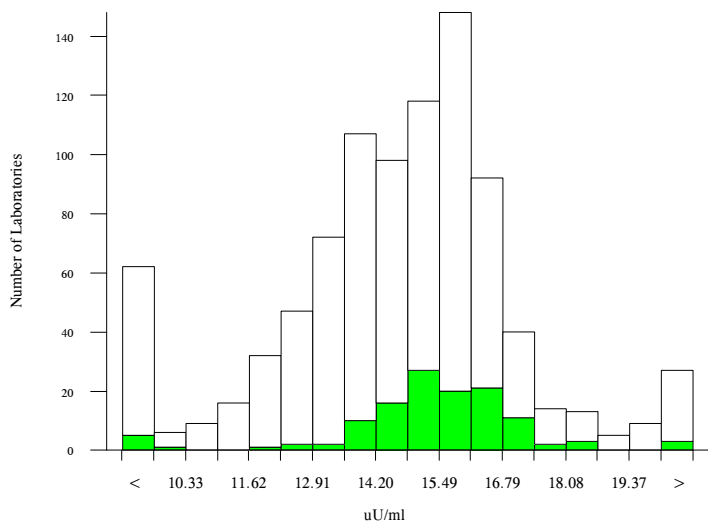


Insulin, uU/ml

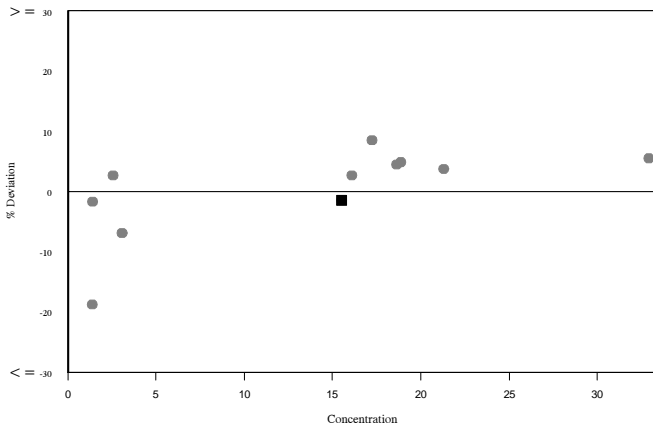
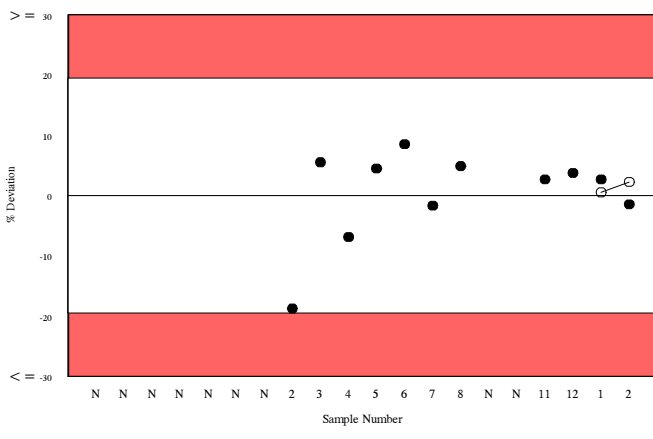
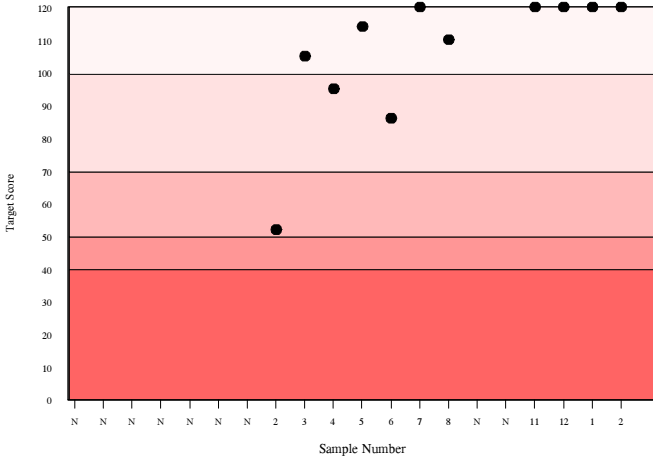
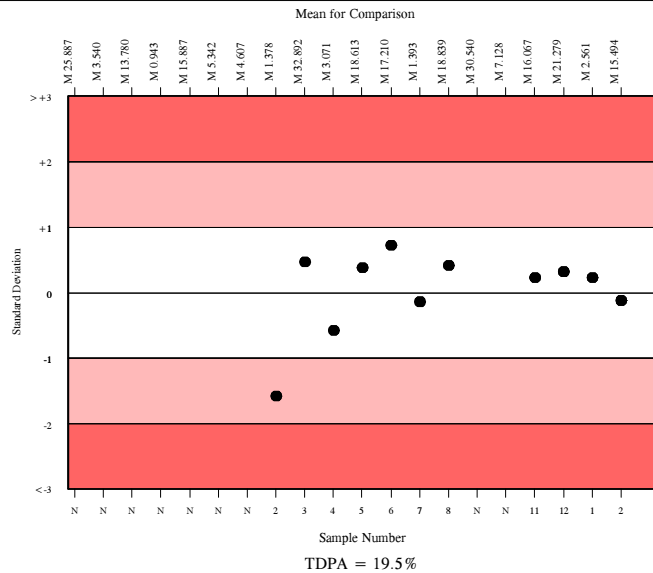
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	826	14.853	11.6	0.07	1.76	89
Roche Cobas 4000/e411	107	15.494	6.4	0.12	1.84	17

▲ Your Result	15.270	SDI RMSDI	-0.12 0.19
■ Mean for Comparison	15.494	TS RMTS	120 111
		%DEV RM%DEV	-1.4 2.3

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	192	15.759	3.8	0.05
Abbott Architect	161	14.025	4.3	0.06
Roche Cobas 4000/e411	107	15.494	6.4	0.12
Beckman DxI 600/800	114	12.580	6.7	0.10
Siemens Centaur XP/XPT/Classic	83	15.929	7.0	0.15
Siemens/DPC Immulite 2000	35	5.247	23.7	0.26
Roche Elecsys	20	15.803	5.1	0.23
Tosoh	20	15.665	7.2	0.31
Beckman Access/LX1725	19	12.375	10.3	0.36
Siemens/DPC Immulite 1000	14	5.869	23.2	0.46
SNIBE Maglumi analysers	11	13.900	6.6	0.34
Roche Modular E170	10	15.392	3.6	0.22
DiaSorin, Liaison	9	19.314	6.9	0.55
Fujirebio Lumipulse G Series	8	15.488	6.5	0.45
Siemens Centaur CP	7	18.609	20.2	1.78
DiaSorin Liaison XL	4	19.648	3.6	0.45
Diasource IRMA	3	19.323	10.9	1.52
CIS, RIA Coated tube	2	16.625	26.9	3.96
DRG ELISA	2	19.350	23.0	3.94
Ortho Vitros 3600/5600/ECi	1	15.100	0.0	0.00

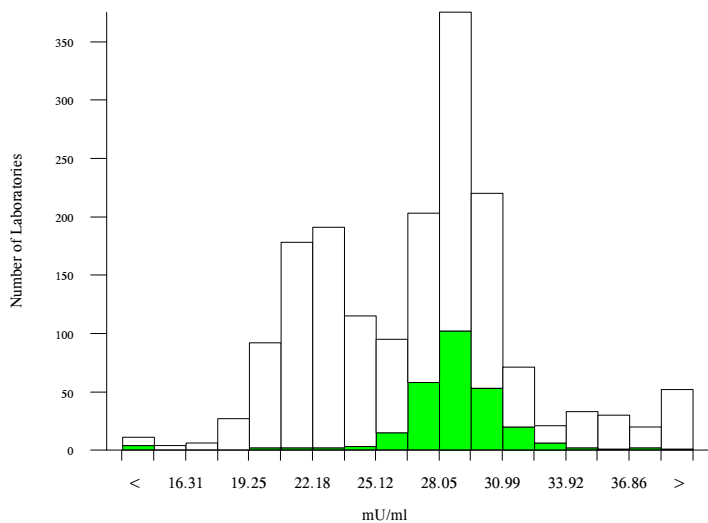


LH, mU/ml

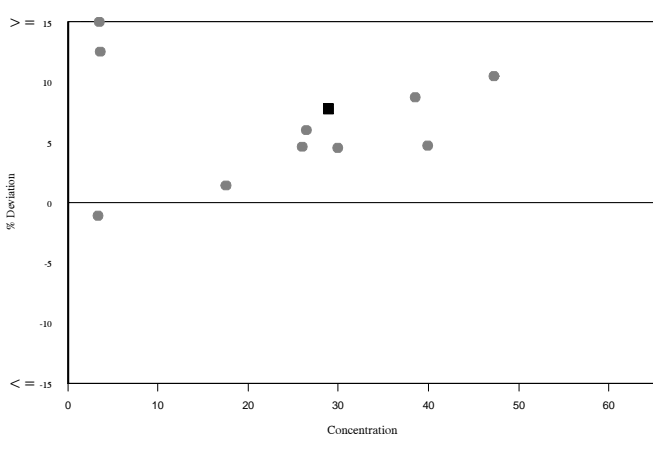
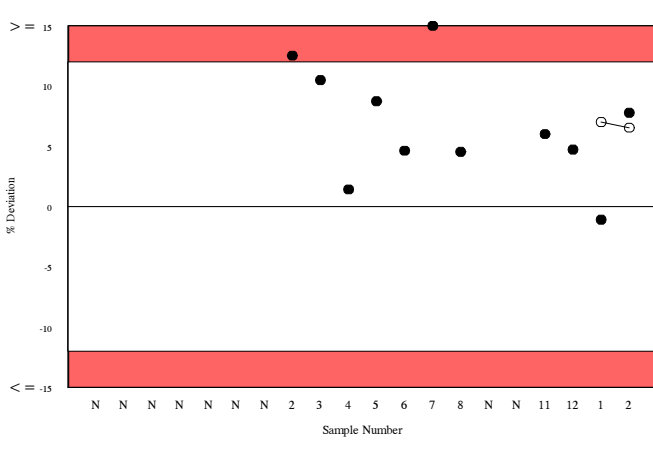
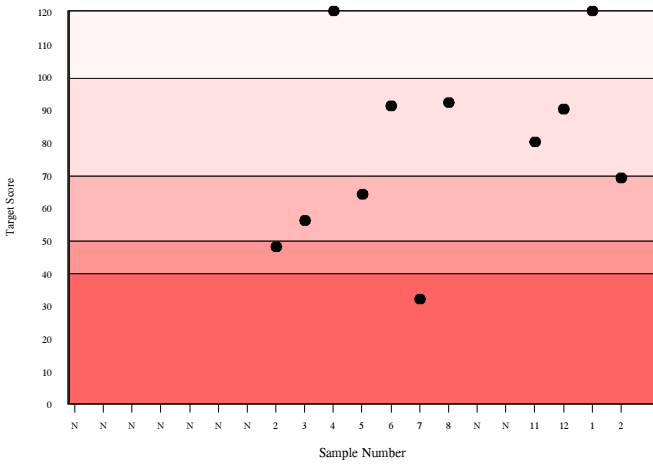
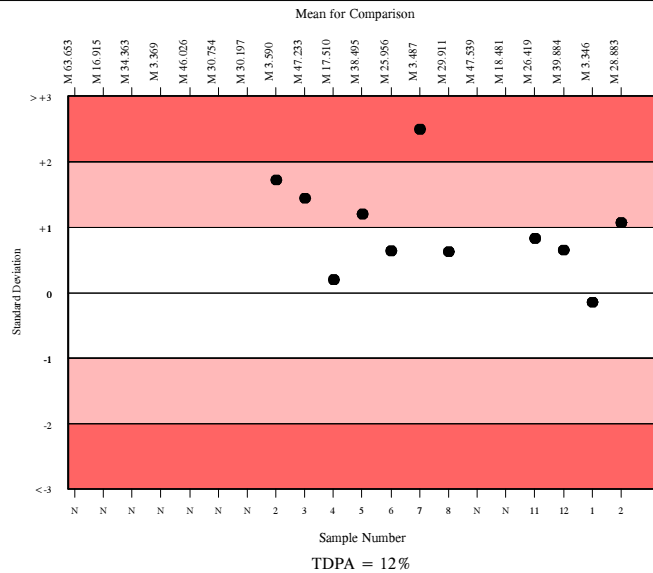
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1645	26.590	14.7	0.12	1.94	100
Roche Cobas 4000/e411	246	28.883	4.8	0.11	2.11	27

▲ Your Result	31.130	SDI	1.07
		RMSDI	0.90
■ Mean for Comparison	28.883	TS	69
		RMTS	81
		%DEV	7.8
		RM%DEV	6.5

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	355	29.051	3.3	0.06
Abbott Architect	274	22.213	6.4	0.11
Roche Cobas 4000/e411	246	28.883	4.8	0.11
Siemens Centaur XP/XPT/Classic	173	28.334	5.6	0.15
Beckman DxI 600/800	153	21.668	5.3	0.12
bioMerieux, VIDAS	70	24.611	6.8	0.25
Beckman Access/LXi725	57	22.239	6.5	0.24
Siemens/DPC Immulite 2000	52	38.296	6.8	0.45
Roche Elecsys	41	28.656	5.7	0.32
Ortho Vitros 3600/5600/ECi	33	35.555	4.5	0.35
Tosoh	26	25.295	4.4	0.27
Siemens Centaur CP	22	29.091	5.9	0.46
DiaSorin, Liaison	20	33.755	9.4	0.89
Siemens/DPC Immulite 1000	18	38.719	7.7	0.87
Roche Modular E170	12	29.026	3.0	0.31
SNIBE Maglumi analysers	12	26.928	8.9	0.86
DiaSorin Liaison XL	7	33.870	5.5	0.87
Fujirebio Lumipulse G Series	7	24.420	2.4	0.27
DIAsource, IRMA	3	17.757	3.5	0.45
ELISA	3	24.793	26.2	4.68
Immunotech IRMA	3	33.533	4.6	1.12

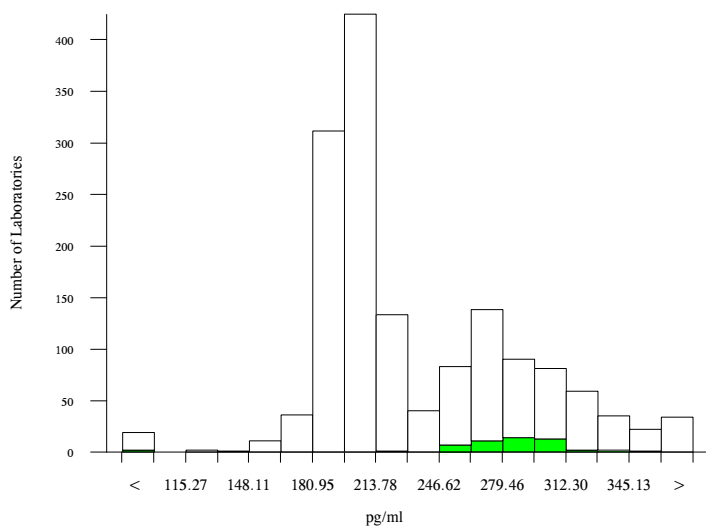


Oestradiol, pg/ml

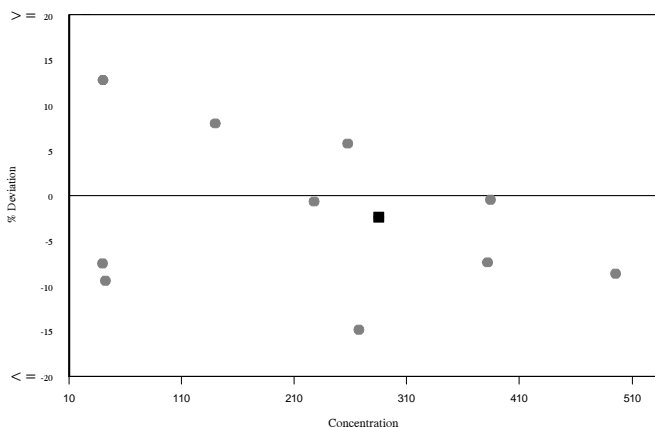
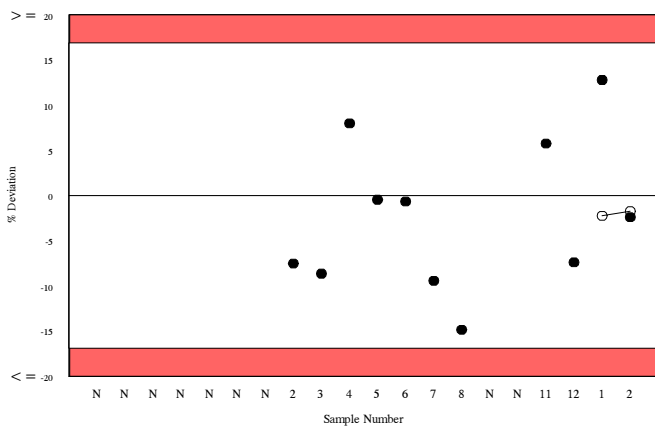
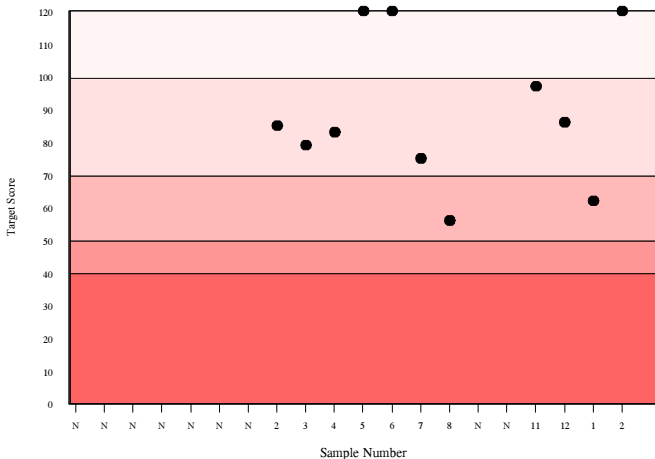
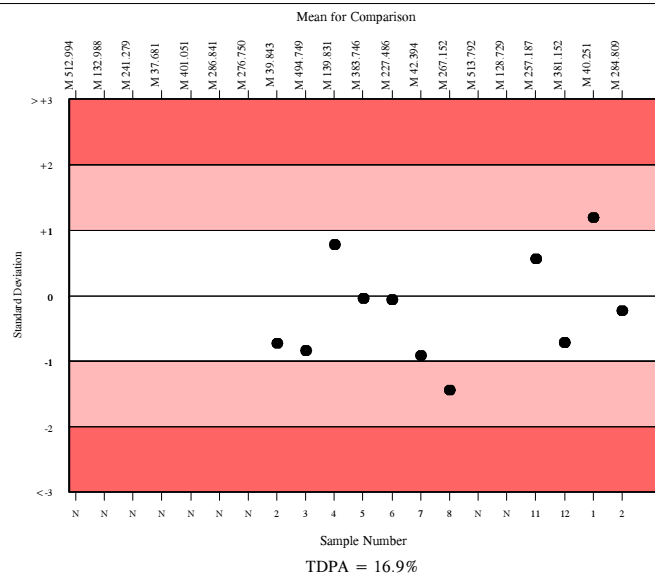
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1434	230.208	19.0	1.45	23.65	86
Siemens/DPC Immulite 2000/2500	47	284.809	5.9	3.09	29.26	6

▲ Your Result	278.000	SDI	-0.23
		RMSDI	-0.17
■ Mean for Comparison	284.809	TS	120
		RMTS	89
		%DEV	-2.4
		RM%DEV	-1.7

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



Method	N	Mean	CV%	U _m
Abbott Architect	245	192.860	3.5	0.55
Roche Cobas 6000/8000 (Estradiol III)	211	205.140	3.7	0.66
Beckman DxI 600/800	151	291.241	11.1	3.28
Roche Cobas 4000/e411 (Estradiol III)	118	207.347	4.4	1.06
Roche Cobas 6000/8000 (Estradiol II)	103	204.167	4.8	1.22
Siemens Centaur XP/XPT/Classic (eE2)	95	268.668	5.2	1.79
Roche Cobas 4000/e411 (Estradiol II)	88	202.358	5.5	1.49
bioMerieux, VIDAS	65	329.193	5.7	2.88
Siemens Centaur XP/XPT/Classic	47	271.701	3.9	1.95
Siemens/DPC Immulite 2000/2500	47	284.809	5.9	3.09
Beckman Access/LXi725	40	301.394	9.4	5.59
Roche Elecsys (Estradiol II)	27	199.839	5.9	2.82
Siemens/DPC Immulite 1000	23	284.523	9.2	6.83
Ortho Vitros 3600/5600/ECi	19	268.424	7.3	5.66
Roche Elecsys (Estradiol III)	14	203.073	4.2	2.86
DiaSorin, Liaison	13	175.923	6.9	4.22
Tosoh (E2)	11	229.463	7.1	6.12
Siemens Centaur CP	12	266.140	14.6	14.03
Tosoh (iE2-hsE2)	10	219.640	4.0	3.48
Roche Modular E170 (Estradiol III)	10	204.413	3.5	2.86
Siemens Centaur XP/XPT/Classic (E26 III)	8	267.433	5.1	5.99



RIQAS



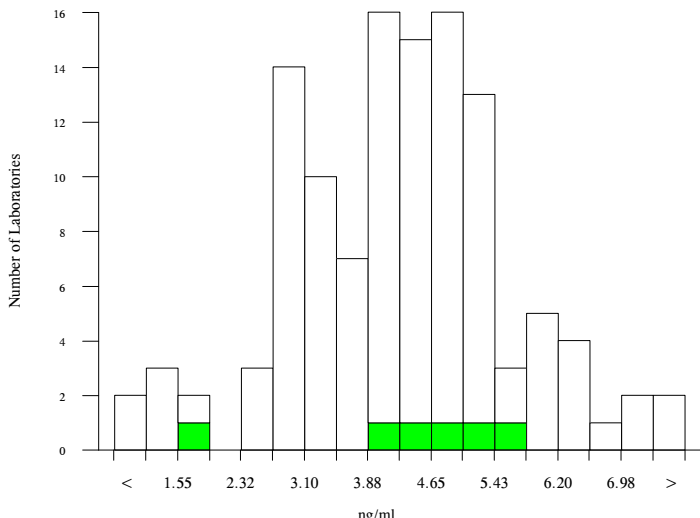
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17-OH-Progesterone, ng/ml

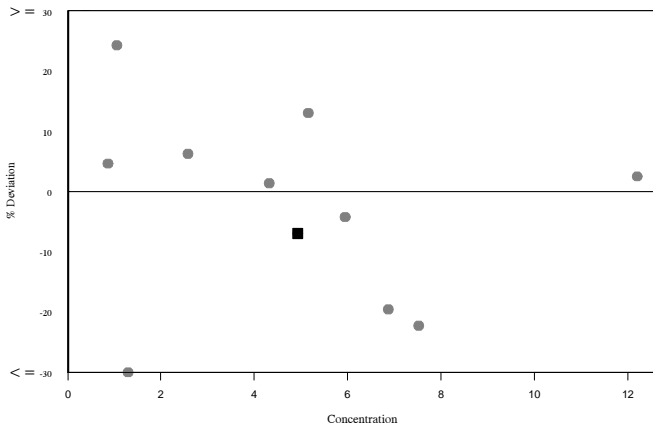
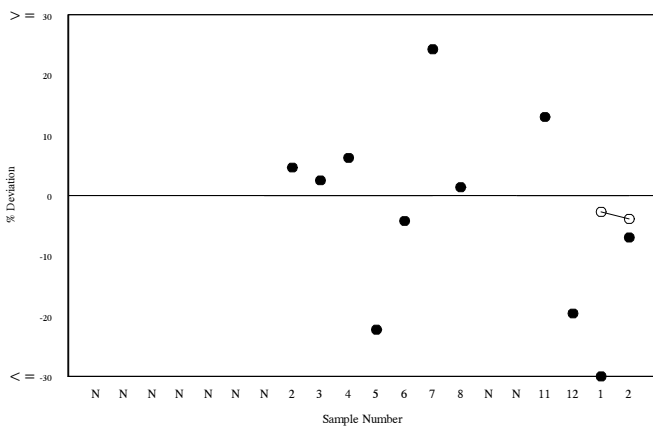
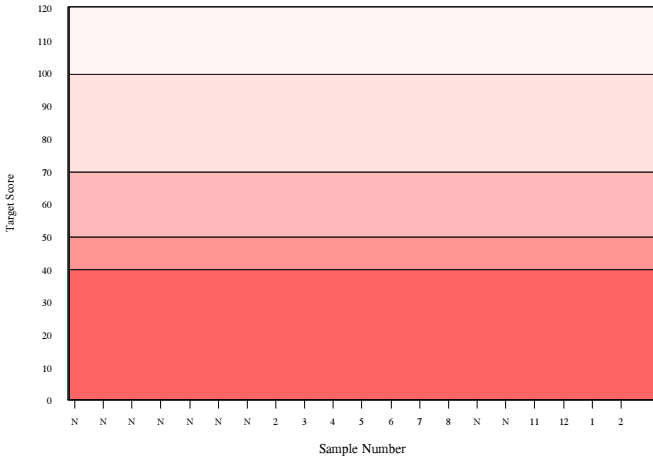
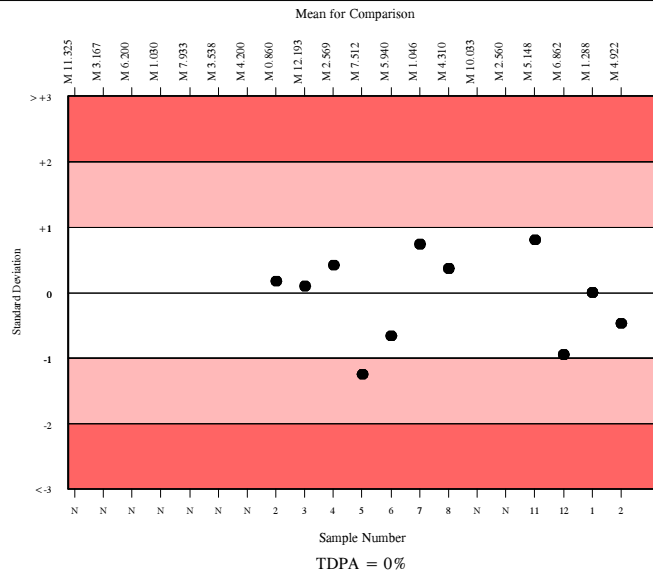
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	108	4.269	24.3	0.12	1.04	10
DiaMetra ELISA	5	4.922	12.9	0.35	0.73a	1

▲ Your Result	4.580	SDI	-0.47
		RMSDI	-0.09
■ Mean for Comparison	4.922	TS	N/A
		RMTS	Too Few
		%DEV	-6.9
		RM%DEV	-3.9

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



Method	N	Mean	CV%	U _m
DRG ELISA	29	4.874	12.2	0.14
ELISA	15	4.677	23.9	0.36
Immunotech RIA	9	3.062	7.9	0.10
DIAsource, ELISA	6	4.276	4.7	0.10
IBL ELISA	8	4.720	16.8	0.35
DIAsource, RIA	8	3.978	10.2	0.18
DiaMetra ELISA	5	4.922	12.9	0.35
SNIBE Maglumi analysers	5	3.482	15.5	0.30
Novatec ELISA	3	3.803	24.2	0.67
Beckman Coulter RIA	3	3.059	6.0	0.13
CIS, RIA Coated tube	3	2.756	5.5	0.11



RIQAS

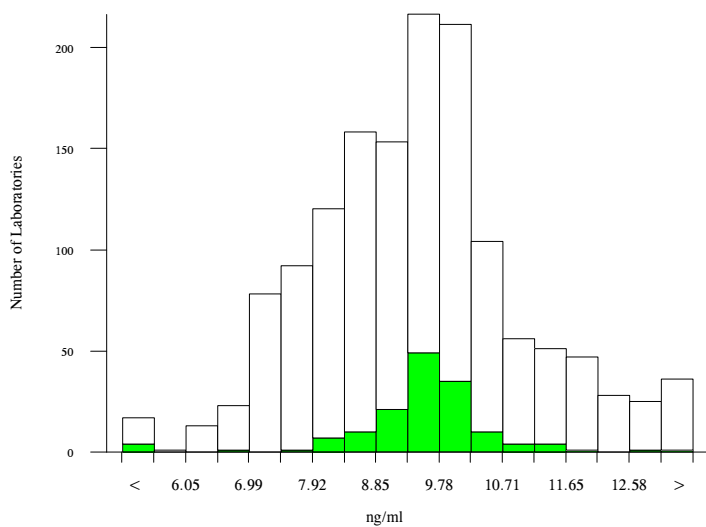


Progesterone, ng/ml

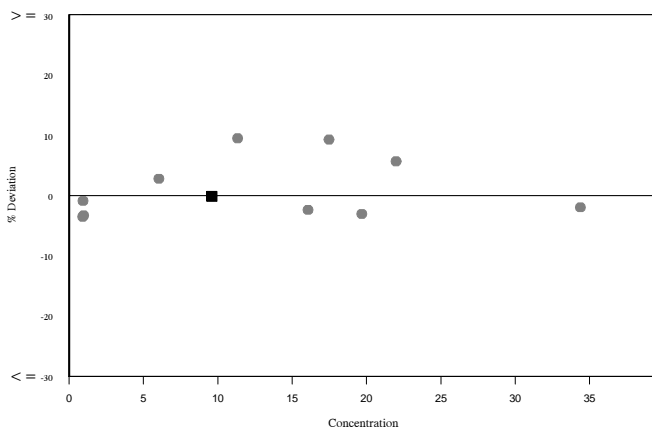
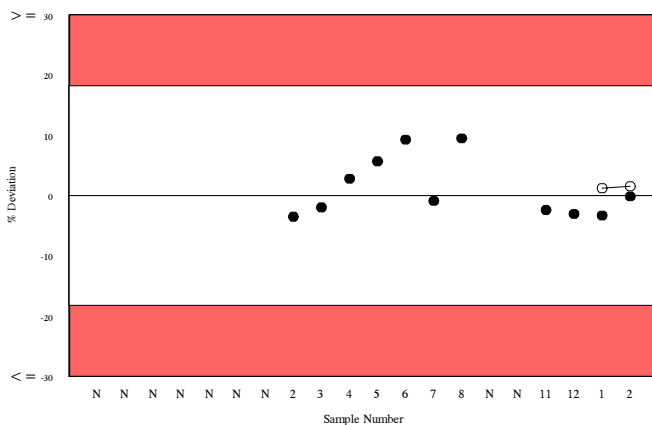
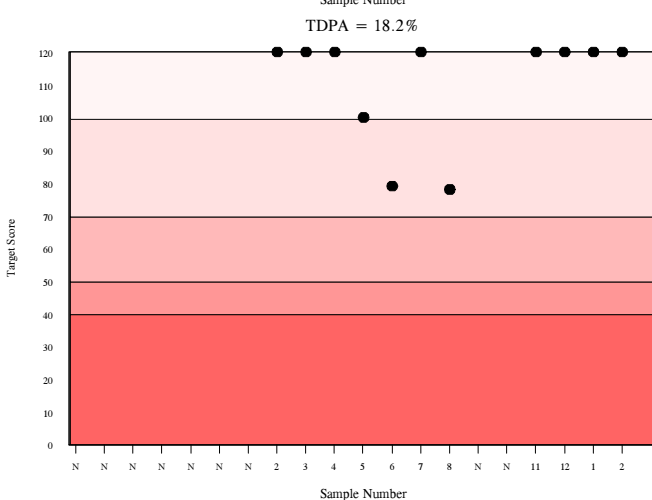
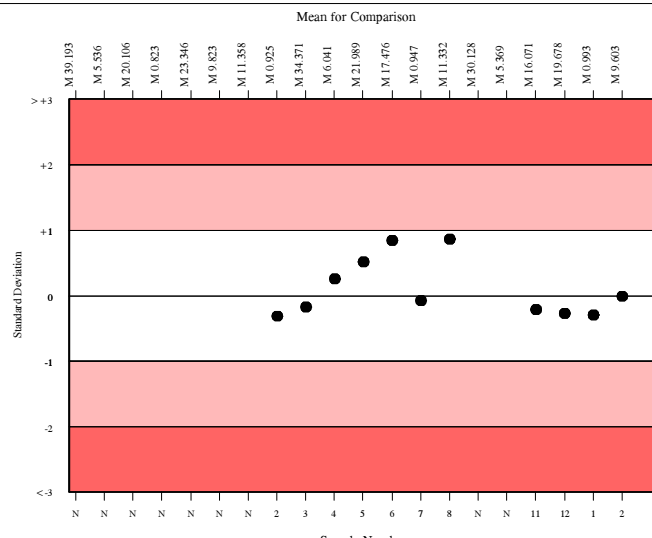
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1322	9.321	13.3	0.04	1.03	109
Roche Cobas 4000/e411 (Prog. II)	132	9.603	5.7	0.06	1.06	17

▲ Your Result	9.590	SDI	-0.01
		RMSDI	0.14
■ Mean for Comparison	9.603	TS	120
		RMTS	109
		%DEV	-0.1
		RM%DEV	1.6

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



Method	N	Mean	CV%	U _m
Abbott Architect	219	8.487	5.7	0.04
Roche Cobas 6000/8000 (Prog. II)	161	9.815	4.4	0.04
Roche Cobas 4000/e411 (Prog. II)	132	9.603	5.7	0.06
Roche Cobas 6000/8000 (Prog. III)	135	9.820	5.0	0.05
Siemens Centaur XP/XPT/Classic	131	7.453	7.7	0.06
Beckman DXI Prog. Cal 33555	106	10.678	9.8	0.13
Roche Cobas 4000/e411 (Prog. III)	72	9.814	4.9	0.07
bioMerieux, VIDAS	68	12.538	6.5	0.12
Siemens/DPC Immulite 2000/2500	55	7.959	8.2	0.11
Beckman Access Prog. Cal 33555	54	10.515	10.6	0.19
Roche Elecsys (Prog. II)	29	9.354	6.3	0.14
Siemens/DPC Immulite 1000	23	8.733	8.5	0.19
Tosoh	19	11.948	4.9	0.17
Beckman DXI Prog.DE Cal. A80773	21	8.979	13.6	0.33
Ortho Vitros 3600/5600/ECi	18	11.685	5.1	0.17
Siemens Centaur CP	12	8.002	13.0	0.37
DiaSorin, Liaison	9	8.275	5.2	0.18
SNIBE Maglumi analysers	8	7.302	9.2	0.30
Beckman Access Prog.DE Cal. A80773	8	8.641	10.0	0.38
Roche Elecsys (Prog. III)	7	9.570	8.4	0.38
Roche Modular E170 (Prog. III)	6	9.673	4.0	0.20

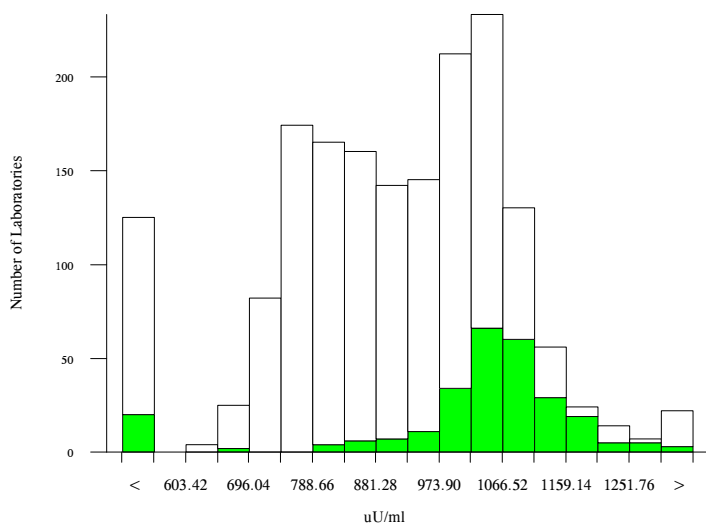


Prolactin, uU/ml

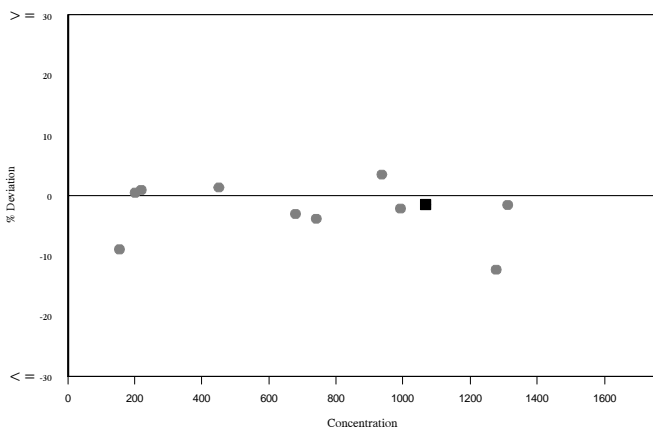
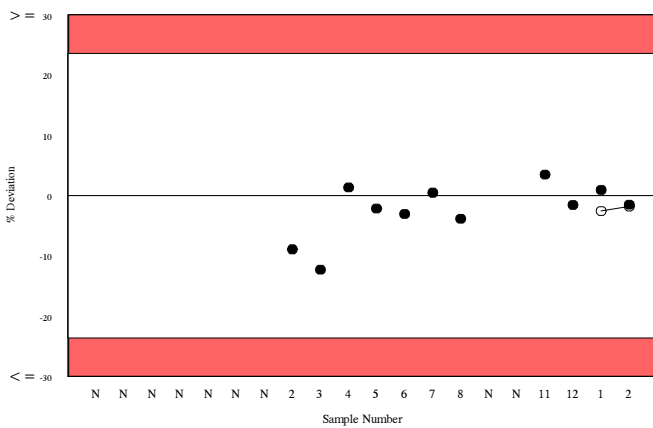
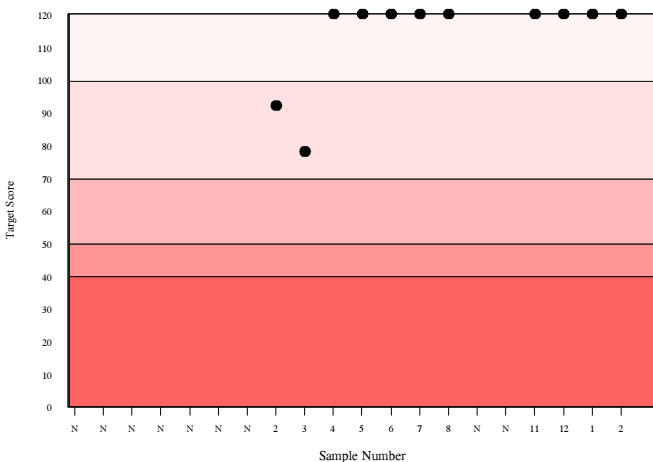
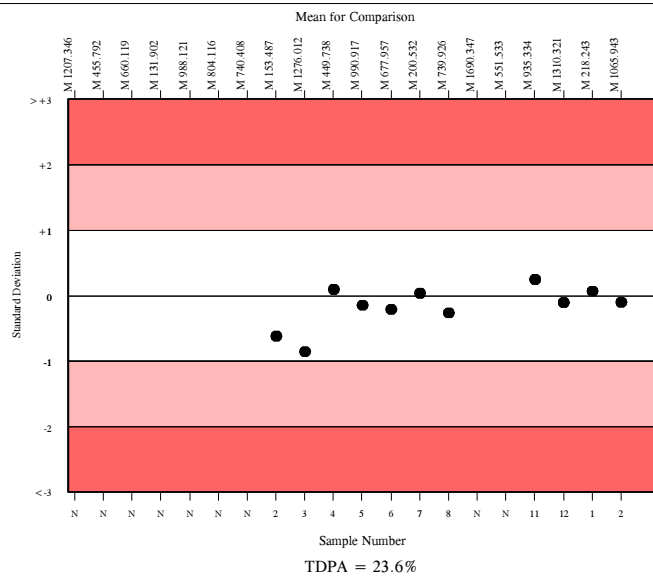
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1538	927.599	13.3	3.94	133.09	184
Roche Cobas 4000/e411	229	1065.943	6.1	5.41	152.94	42

▲ Your Result	1050.000	SDI	-0.10
		RMSDI	-0.13
■ Mean for Comparison	1065.943	TS	120
		RMTS	115
		%DEV	-1.5
		RM%DEV	-1.8

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	289	1023.337	3.8	2.84
Abbott Architect	236	898.570	5.1	3.76
Roche Cobas 4000/e411	229	1065.943	6.1	5.41
Siemens Centaur XP/XPT/Classic	152	767.051	5.4	4.17
Beckman DxI 600/800	141	779.783	5.9	4.87
bioMerieux, VIDAS	53	1019.391	8.0	14.05
Beckman Access/LXi725	50	789.997	5.8	8.11
Siemens/DPC Immulite 2000/2500	46	825.850	5.9	9.03
Roche Elecsys/E170/Cobas 6000/8000 PRLII	39	1025.335	3.6	7.33
Roche Elecsys	38	1041.567	6.3	13.39
Abbott Architect (Re-standardised)	34	893.263	4.5	8.65
Ortho Vitros 3600/5600/ECi	32	777.325	3.3	5.61
Tosoh	23	922.971	12.4	29.85
Siemens/DPC Immulite 1000	17	876.498	6.0	16.01
Siemens Centaur CP	16	784.930	7.3	17.91
DiaSorin, Liaison	14	979.074	5.5	17.99
SNIBE Maglumi analysers	12	918.285	9.1	30.17
Immunotech IRMA	9	1006.518	7.8	32.76
Fujirebio Lumipulse G Series	6	1019.967	2.7	13.91
DiaSorin Liaison XL	7	994.149	5.1	24.07
Roche Modular E170	7	1025.475	5.0	24.04

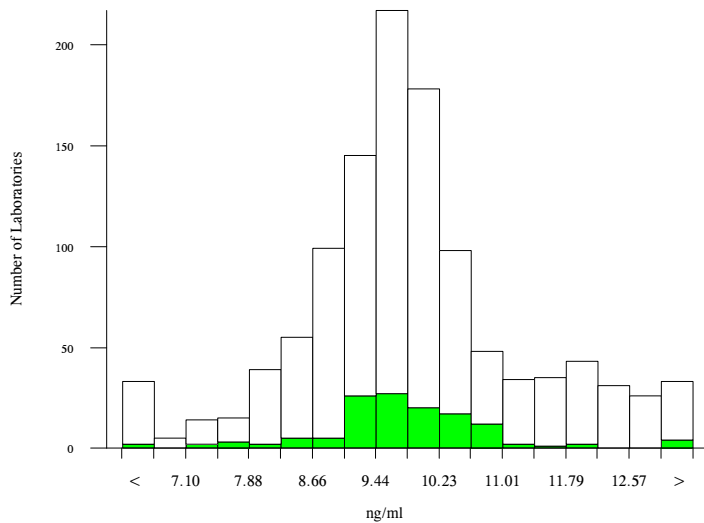


PSA, Free, ng/ml

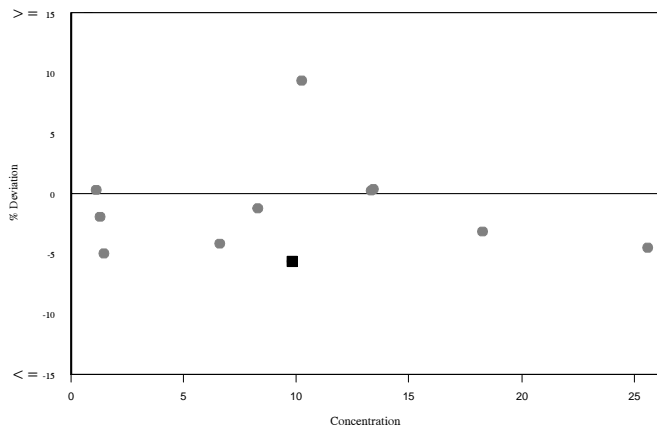
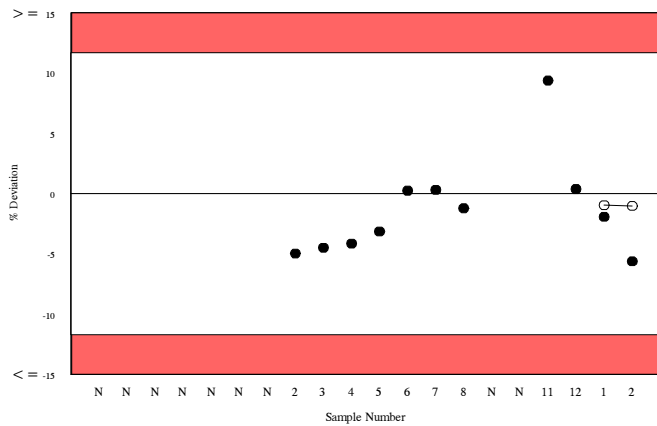
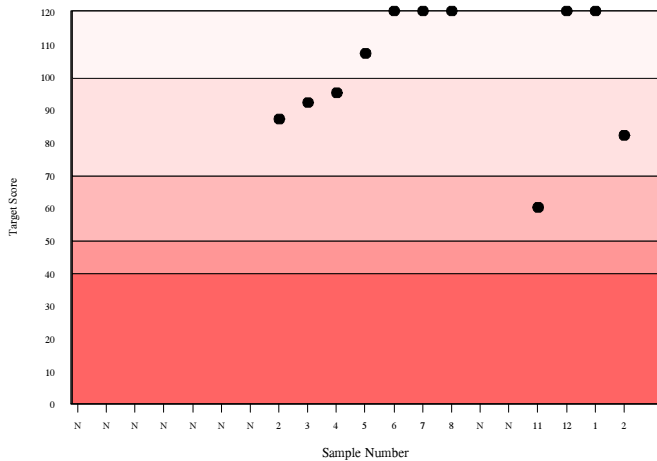
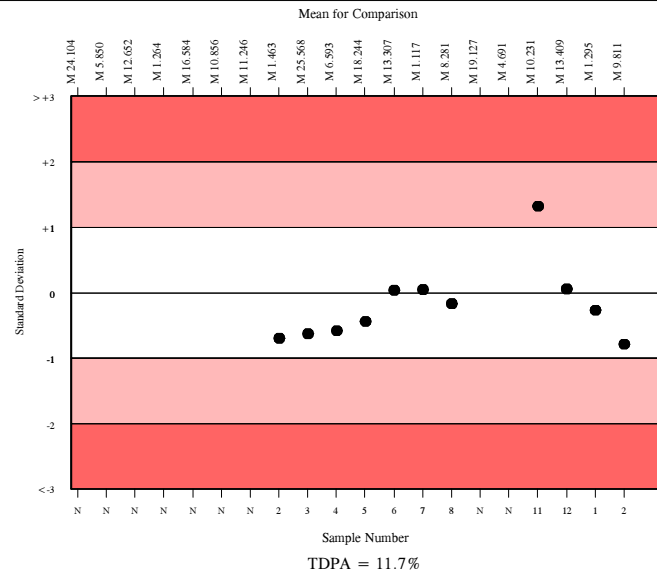
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1041	9.839	10.6	0.04	0.70	113
Roche Cobas 4000/e411	114	9.811	6.6	0.08	0.70	16

▲ Your Result	9.260	SDI	-0.79
		RMSDI	-0.14
■ Mean for Comparison	9.811	TS	82
		RMTS	103
		%DEV	-5.6
		RM%DEV	-1.0

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	249	9.723	4.6	0.04
Abbott Architect	229	9.343	6.5	0.05
Roche Cobas 4000/e411	114	9.811	6.6	0.08
Beckman DXI standardised to Hybritech	121	12.076	6.2	0.08
Siemens Centaur XP/XPT/Classic	111	10.069	5.1	0.06
Siemens/DPC Immulite 2000/2500	39	7.993	9.0	0.14
Beckman Access standardised to Hybritech	33	12.176	5.3	0.14
BioMerieux VIDAS	25	11.215	9.9	0.28
Roche Elecsys	23	9.787	6.6	0.17
TOSOH	16	9.050	6.6	0.19
DiaSorin, Liaison	13	4.410	5.5	0.08
Siemens/DPC Immulite 1000	10	8.295	9.6	0.31
Roche Modular E170	10	9.843	2.7	0.11
Fujirebio Lumipulse G Series	9	8.468	4.8	0.17
Ortho Vitros 3600/5600/ECi	9	8.834	8.4	0.31
SNIBE Maglumi analysers	8	9.622	14.4	0.61
Ortho Vitros 3600/5600/ECi PSA II	8	9.060	4.7	0.19
Beckman DXI standard to WHO IRP96/670	7	10.043	12.5	0.60
DiaSorin Liaison XL	5	4.318	3.0	0.07
Siemens Dimension	6	9.140	4.3	0.20
CIS, RIA Coated tube	5	8.015	9.2	0.41

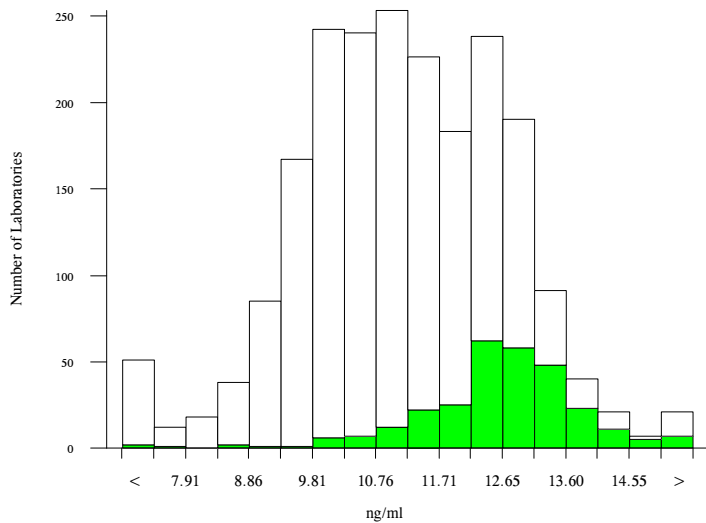


PSA, Total, ng/ml

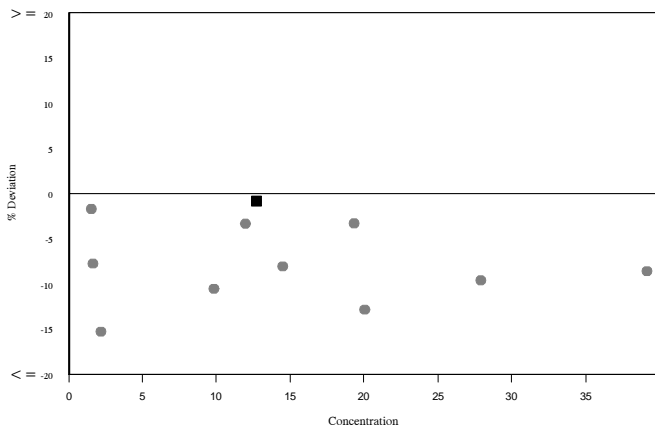
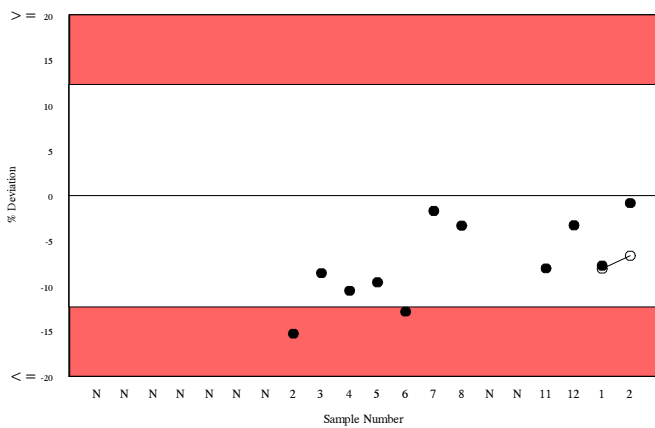
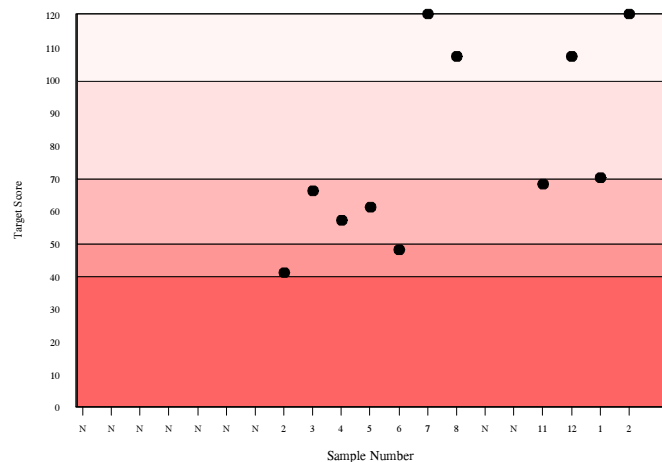
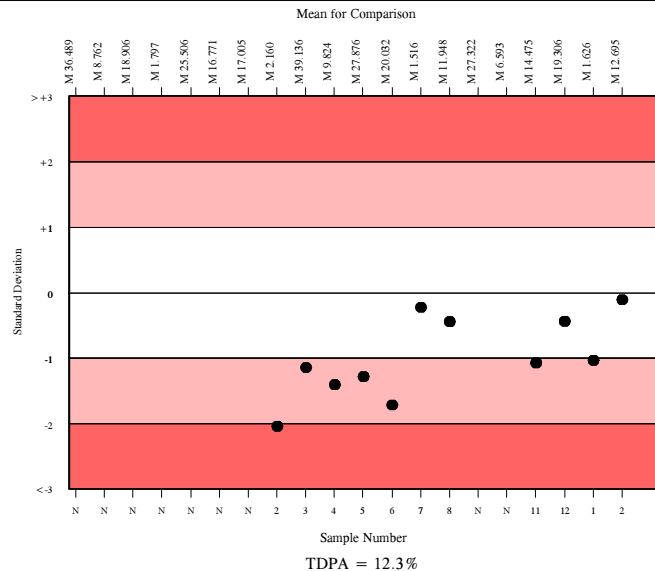
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1992	11.236	11.3	0.04	0.84	133
Roche Cobas 4000/e411	268	12.695	6.9	0.07	0.95	25

▲ Your Result	12.590	SDI RMSDI	-0.11 -0.89
■ Mean for Comparison	12.695	TS RMTS	120 82
		%DEV RM%DEV	-0.8 -6.6

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	428	12.301	5.2	0.04
Abbott Architect	393	10.193	6.0	0.04
Roche Cobas 4000/e411	268	12.695	6.9	0.07
Siemens Centaur XP/XPT/Classic	217	10.175	6.6	0.06
Beckman DXI standardised to Hybritech	159	11.029	6.7	0.07
Beckman Access standardised to Hybritech	78	11.032	6.1	0.09
Roche Elecsys	48	12.388	10.8	0.24
Siemens Immulite 2000/2500, Total PSA	42	11.090	6.6	0.14
bioMerieux, Vidas TPSA	36	11.346	8.8	0.21
Siemens Centaur CP	35	9.870	7.9	0.17
Tosoh	29	8.457	6.8	0.13
Ortho Vitros 3600/5600/ECi PSA II	30	12.090	5.6	0.15
Siemens Immulite 1000, Total PSA	22	10.372	8.9	0.25
DiaSorin, Liaison	21	5.473	4.6	0.07
Ortho Vitros 3600/5600/ECi	21	11.766	7.3	0.23
Beckman DXI standard to WHO IRP96/670	20	8.934	7.6	0.19
SNIBE Maglumi analysers	18	11.137	6.5	0.21
DiaSorin Liaison XL	18	5.473	6.6	0.11
Roche Modular E170	15	12.163	4.8	0.19
Beckman Access standard to WHO IRP96/670	15	10.883	6.7	0.24
CIS, RIA Coated tube	13	10.759	5.3	0.20

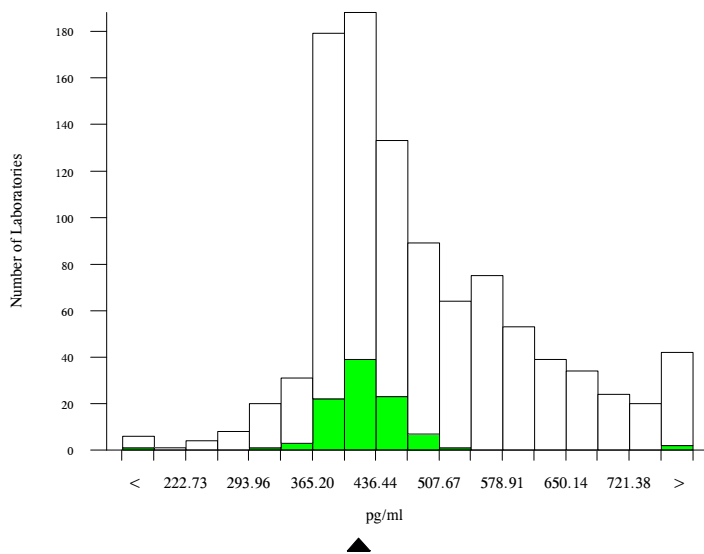


Parathyroid hormone, pg/ml

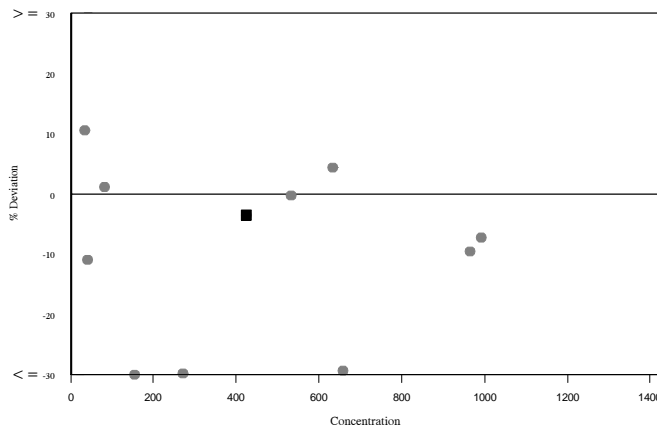
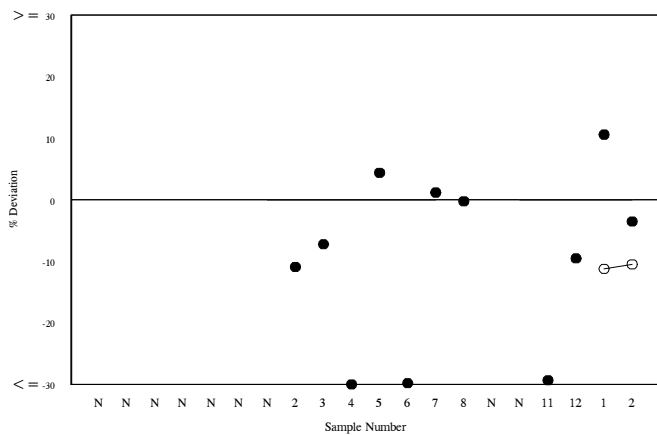
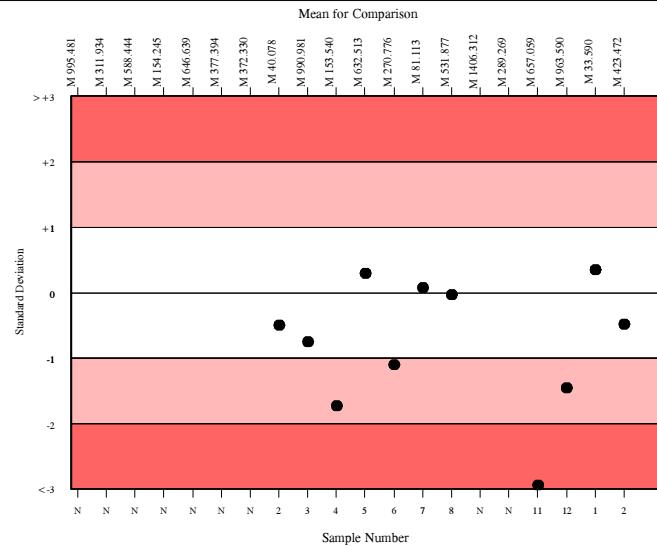
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	938	472.059	20.1	3.88	94.98	73
Roche Cobas 4000/e411 PTH/PTH STAT	93	423.472	7.3	4.02	31.01	6

▲ Your Result	408.500	SDI RMSDI	-0.48 -0.78
■ Mean for Comparison	423.472	TS RMTS	N/A N/A
		%DEV RM%DEV	-3.5 -10.5

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	154	396.795	4.4	1.75
Abbott Architect	135	594.384	8.8	5.66
Beckman Dxi 600/800	113	462.722	6.2	3.39
Siemens Centaur XP/XPT/Classic	94	553.803	10.0	7.12
Roche Cobas 4000/e411 PTH/PTH STAT	93	423.472	7.3	4.02
Roche Cobas 4000/e411 PTH (1-84)	58	407.228	8.6	5.72
Roche Cobas 6000/8000 PTH (1-84)	55	402.780	9.5	6.43
Siemens/DPC Immulite 2000	44	740.355	7.6	10.60
Beckman Access/LXi725	27	464.629	6.9	7.68
Roche Elecsys PTH/PTH STAT	26	406.516	8.7	8.69
Tosoh	20	468.465	7.0	9.19
Ortho Vitros 3600/5600/ECi	17	551.980	3.2	5.31
Siemens/DPC Immulite 1000	13	689.844	13.4	32.09
DiaSorin. Liaison 1-84 PTH	10	300.750	9.9	11.78
Siemens Centaur CP	8	554.190	11.1	27.10
CIS IRMA	8	378.490	6.3	10.57
DiaSorin Liaison XL 1-84 PTH	7	319.605	9.9	14.96
Roche Modular E170 PTH/PTH STAT	7	410.417	4.0	7.84
Roche Elecsys PTH (1-84)	7	425.254	12.3	24.72
SNIBE Maglumi analysers	7	663.261	14.5	45.33
DiaSorin Liaison XL N-TACT PTH II	6	806.593	6.4	26.32

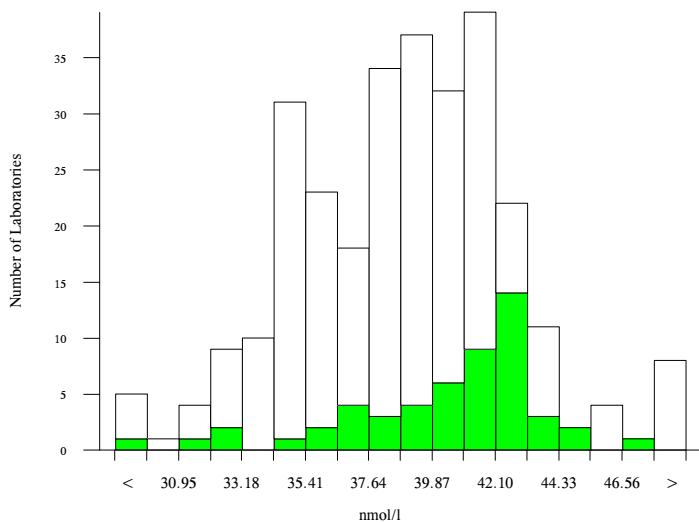


Sex Hormone Binding Globulin, nmol/l

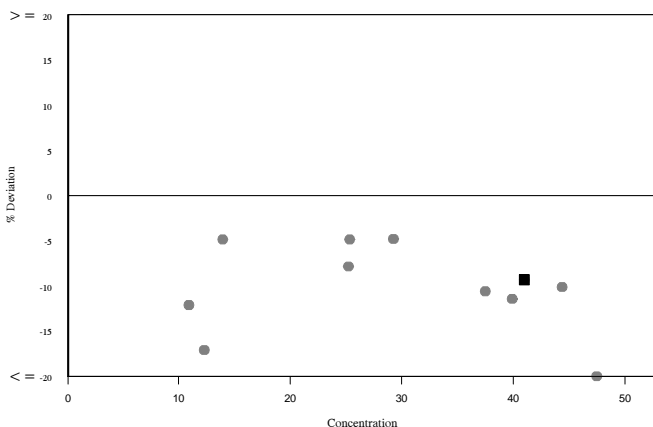
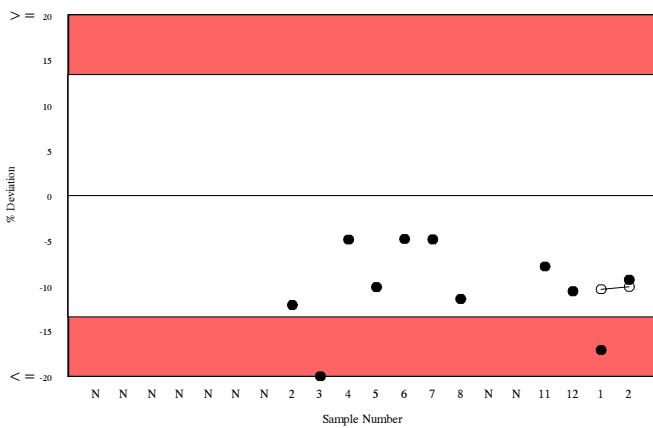
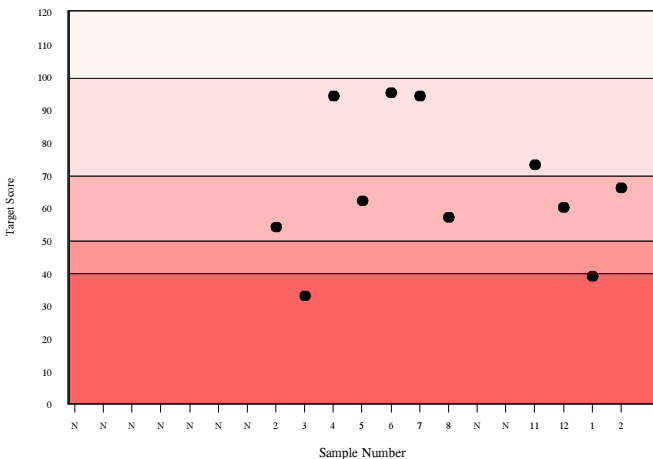
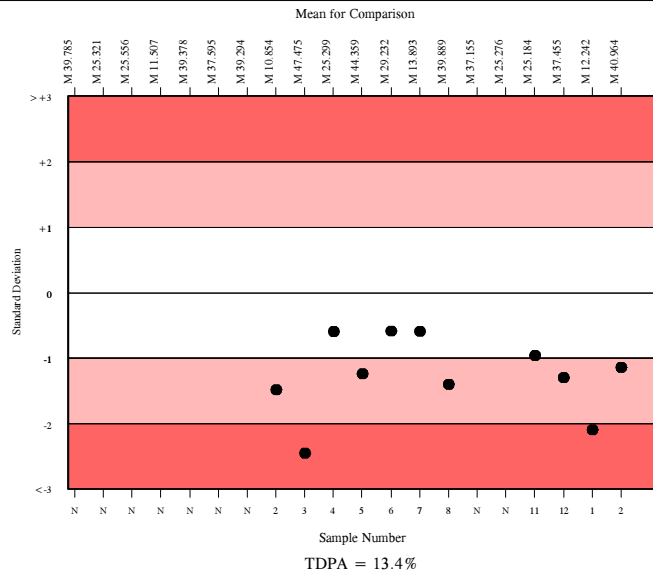
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	268	38.758	7.7	0.23	3.16	23
Roche Cobas 4000/e411	48	40.964	5.9	0.44	3.34	5

▲ Your Result	37.150	SDI RMSDI	-1.14 -1.24
■ Mean for Comparison	40.964	TS RMTS	66 67
		%DEV RM%DEV	-9.3 -10.1

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	65	40.185	4.2	0.26
Roche Cobas 4000/e411	48	40.964	5.9	0.44
Abbott Architect	42	36.737	6.9	0.49
Siemens/DPC Immulite 2000/2500	40	37.384	7.4	0.55
Beckman DXI 600/800	27	37.712	7.1	0.64
Siemens Centaur (Ref 10997191)	10	37.063	5.9	0.87
Siemens Centaur (Ref 06520781)	9	44.251	23.7	4.36
Roche Modular E170	8	40.253	3.5	0.62
Siemens/DPC Immulite 1000	6	33.333	15.6	2.65
Roche Elecsys	4	39.755	1.4	0.36
ELISA	3	39.267	16.3	4.62
Beckman Access	3	38.133	3.2	0.87

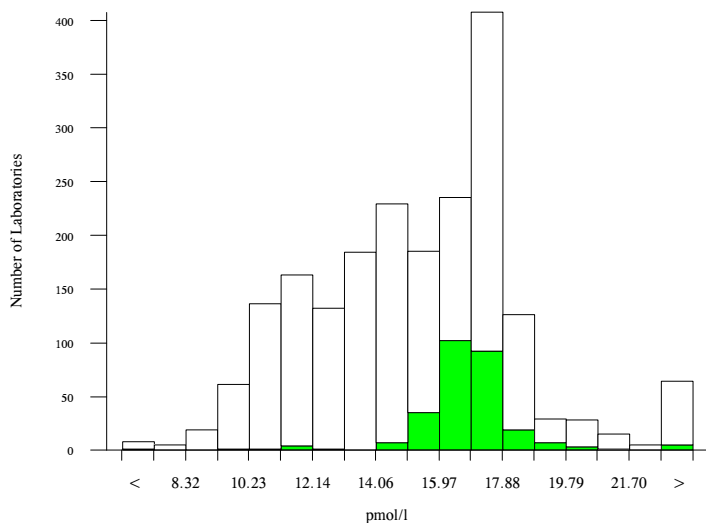
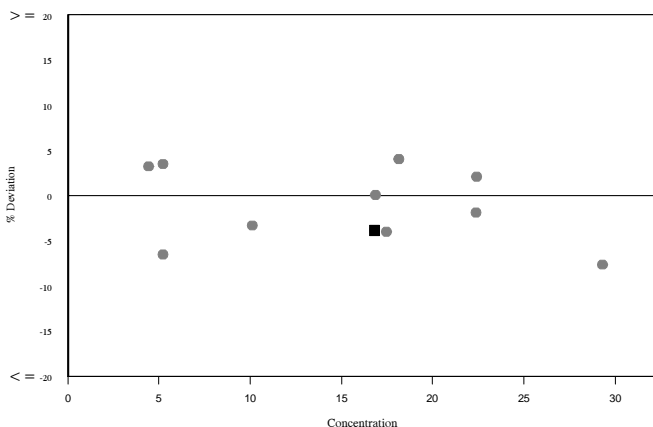
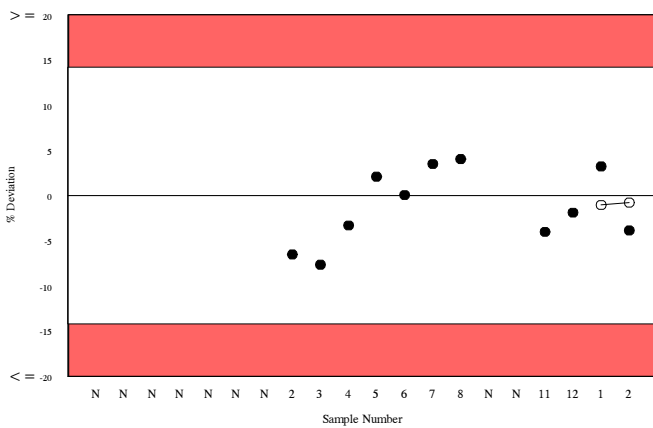
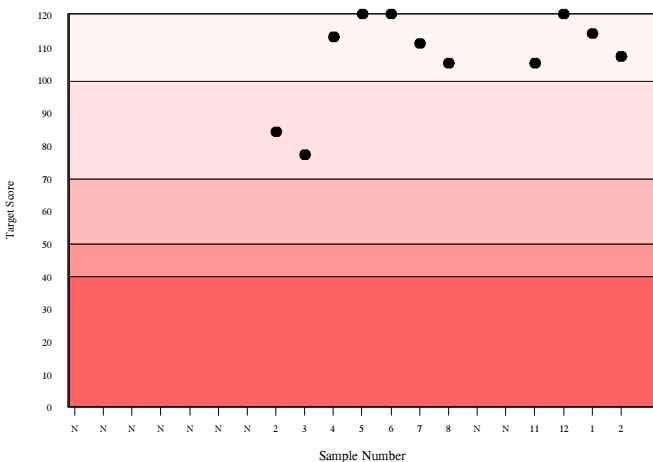
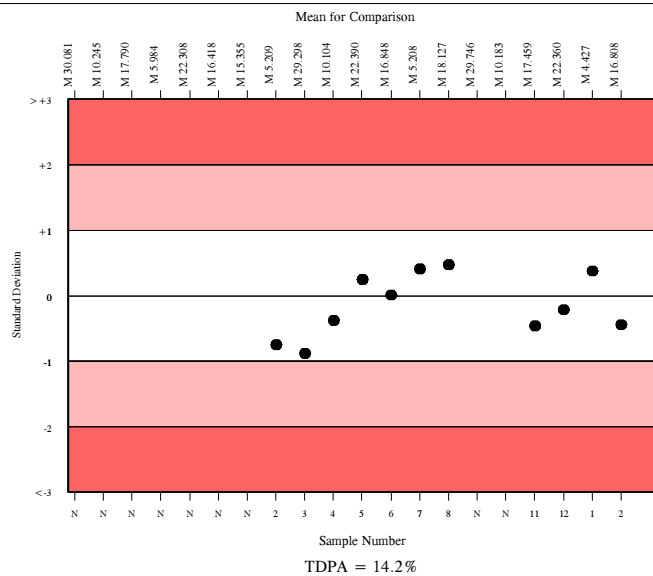


Free T3, pmol/l

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1901	15.017	17.0	0.07	1.30	140
Roche Cobas 4000/e411	249	16.808	4.5	0.06	1.45	30

▲ Your Result	16.160	SDI RMSDI	-0.45 -0.09
■ Mean for Comparison	16.808	TS RMTS	107 109
		%DEV RM%DEV	-3.9 -0.8

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	425	17.372	2.9	0.03
Abbott Architect	346	13.173	8.1	0.07
Roche Cobas 4000/e411	249	16.808	4.5	0.06
Siemens Centaur XP/XPT/Classic	221	14.809	3.5	0.04
Beckman DxI 600/800	188	10.665	7.4	0.07
Beckman Access/LXi725	72	11.771	6.1	0.11
Roche Elecsys	58	16.951	5.2	0.15
BioMerieux VIDAS	56	14.727	6.8	0.17
Ortho Vitros 3600/5600/ECi	34	34.346	2.5	0.19
Siemens Centaur CP	36	14.051	4.3	0.13
Siemens/DPC Immulite 2000/2500	29	10.793	6.2	0.16
Tosoh	29	19.268	8.9	0.40
DiaSorin, Liaison	22	19.875	7.9	0.42
DiaSorin Liaison XL	15	21.251	3.4	0.23
Siemens/DPC Immulite 1000	12	10.420	13.2	0.50
Roche Modular E170	14	17.237	2.2	0.13
SNIBE Maglumi analysers	14	12.568	18.5	0.78
Fujirebio Lumipulse G Series	8	17.707	1.7	0.13
Siemens Dimension Vista LOCI	5	18.339	1.1	0.11
Siemens Dimension Exl LOCI	2	18.238	4.2	0.68
Human ELISA	2	8.024	7.5	0.53



RIQAS

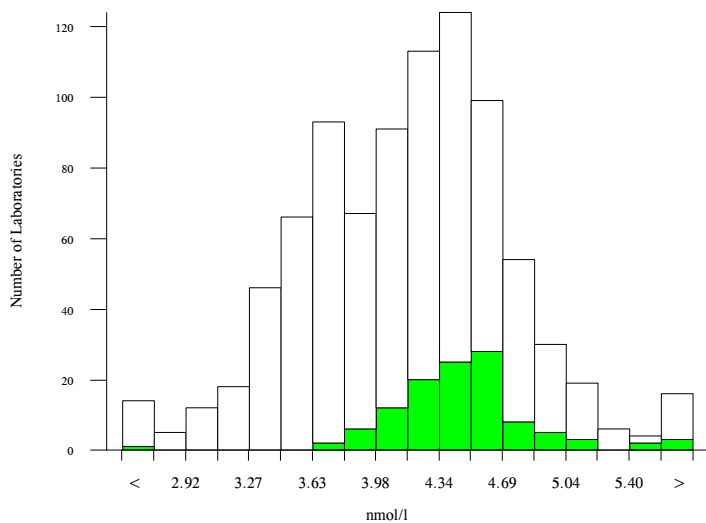
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Total T3, nmol/l

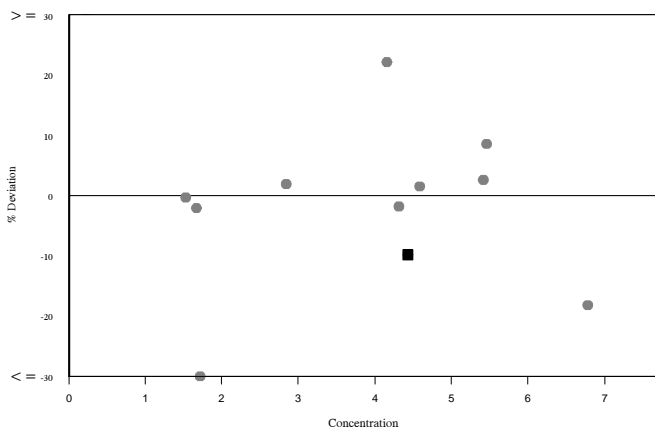
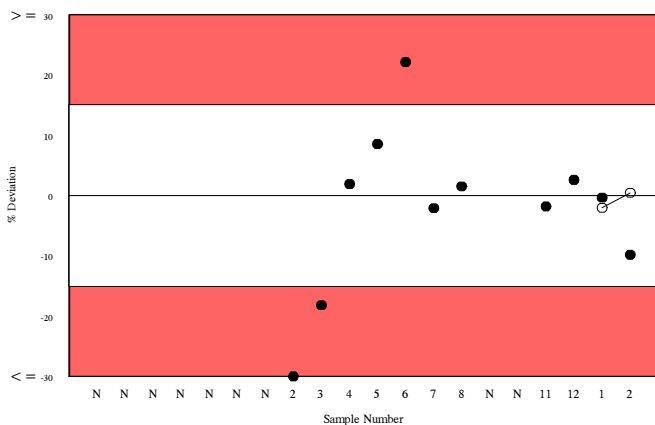
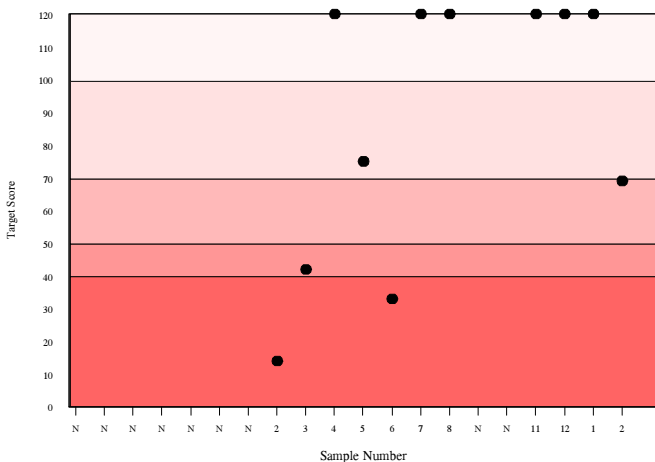
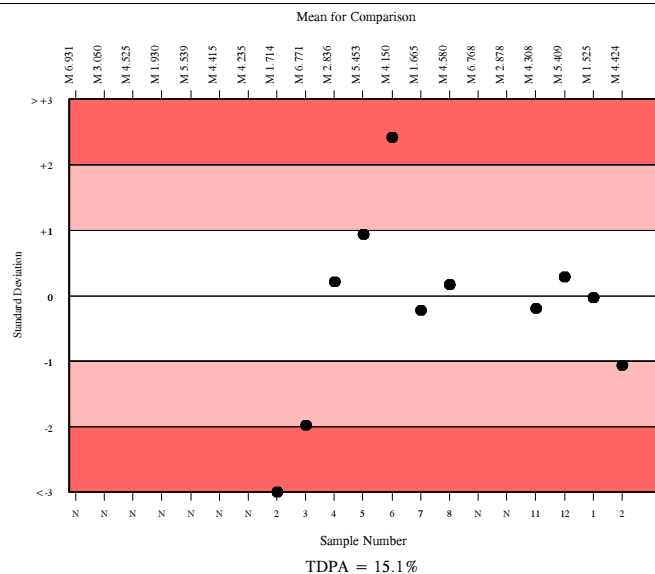
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	821	4.164	11.3	0.02	0.38	57
Roche Cobas 4000/e411	104	4.424	5.9	0.03	0.41	11

▲ Your Result	3.990	SDI RMSDI	-1.07 0.05
■ Mean for Comparison	4.424	TS RMTS	69 93
		%DEV RM%DEV	-9.8 0.5

Acceptable limits derived from Biological Variation	9.22%
Acceptable limits of performance for RIQAS	15.10%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	177	4.346	4.3	0.02
Abbott Architect	167	3.656	5.9	0.02
Roche Cobas 4000/e411	104	4.424	5.9	0.03
Siemens Centaur XP/XPT/Classic	89	4.648	5.5	0.03
Siemens/DPC Immulite 2000/2500	37	3.926	5.8	0.05
Ortho Vitros 3600/5600/ECi	32	4.698	4.6	0.05
Beckman Dxl 600/800	33	3.525	7.9	0.06
Beckman Access/LXi725	31	3.650	5.4	0.04
bioMerieux, VIDAS	25	4.223	5.3	0.06
Siemens Centaur CP	18	4.899	6.6	0.09
Siemens/DPC Immulite 1000	13	4.076	8.1	0.12
Roche Elecsys	14	4.315	7.5	0.11
CIS, RIA Coated tube	10	2.949	4.2	0.05
SNIBE Maglumi analysers	11	5.236	10.3	0.20
DiaSorin, Liaison	8	3.401	4.3	0.06
Tosoh	9	4.127	3.5	0.06
Immunotech RIA	7	3.185	3.8	0.06
ELISA	4	4.007	23.4	0.59
Roche Modular E170	5	4.270	4.7	0.11
DiaSorin Liaison XL	3	2.995	14.5	0.31
Stat Fax Elisa Readers	2	4.022	11.3	0.40



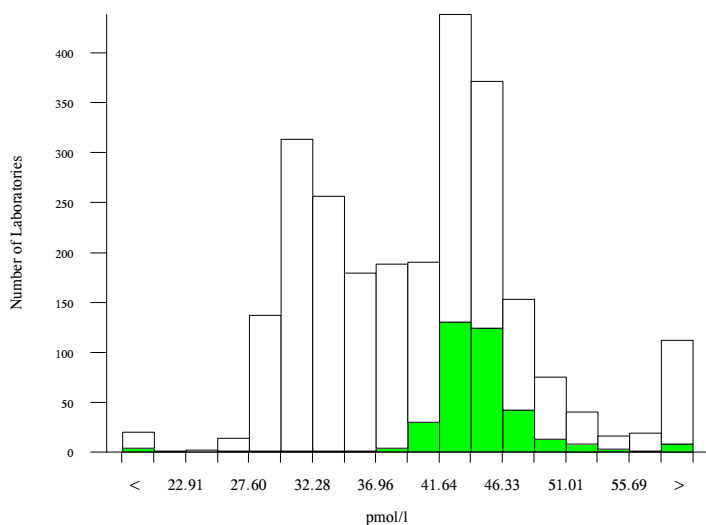
RIQAS

Free T4, pmol/l

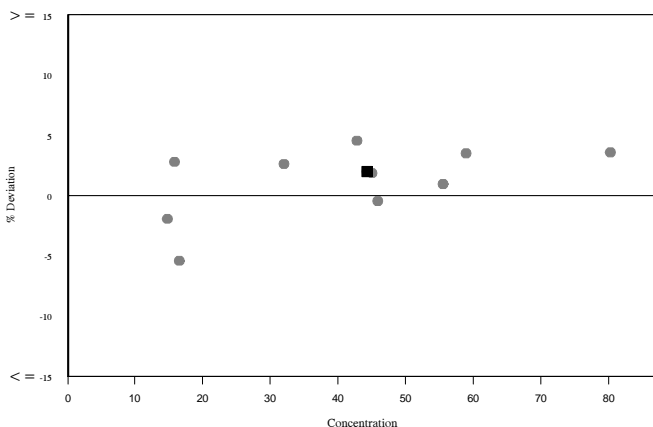
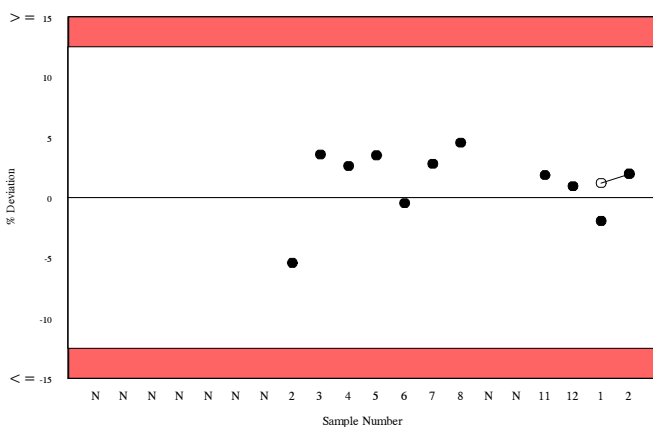
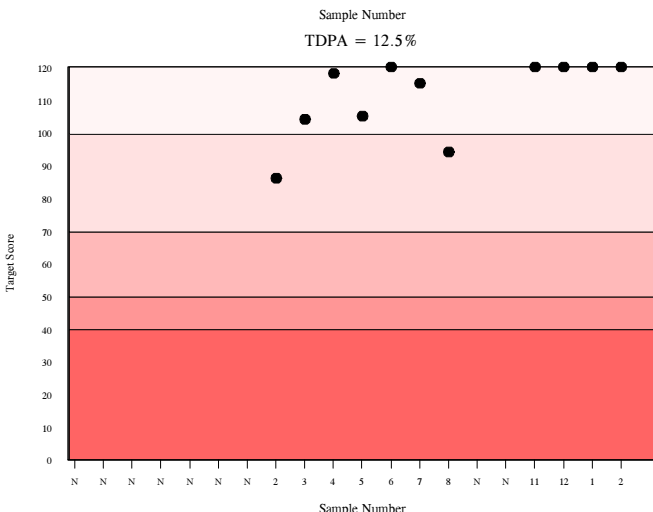
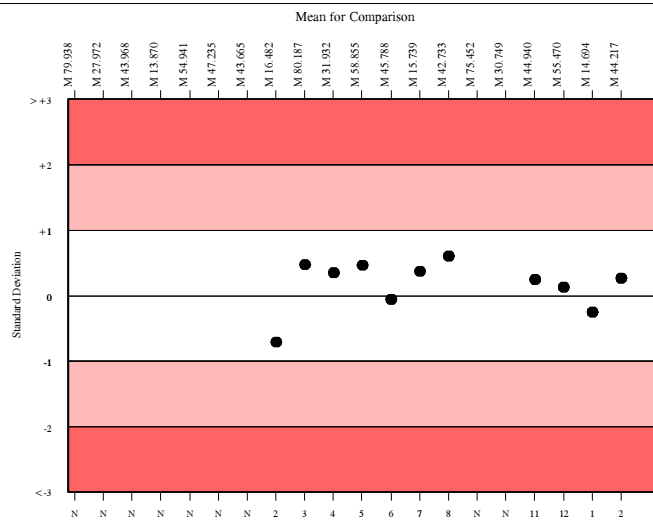
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2353	39.308	15.9	0.16	2.99	177
Roche Cobas 4000/e411	336	44.217	4.7	0.14	3.36	36

▲ Your Result	45.100	SDI	0.26
		RMSDI	0.26
■ Mean for Comparison	44.217	TS	120
		RMTS	113
		%DEV	2.0
		RM%DEV	2.0

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	530	43.533	3.9	0.09
Abbott Architect	411	31.332	5.2	0.10
Roche Cobas 4000/e411	336	44.217	4.7	0.14
Siemens Centaur XP/XPT/Classic	253	31.987	6.2	0.16
Beckman DxI 600/800	224	37.614	4.9	0.15
Beckman Access/LXi725	94	37.399	4.5	0.22
Roche Elecsys	60	43.996	5.1	0.36
Ortho Vitros 3600/5600/ECi	57	82.809	3.0	0.41
Siemens/DPC Immulite 2000/2500	58	46.594	5.2	0.39
bioMerieux, VIDAS-FT4N Kit	52	50.069	4.0	0.34
Siemens Centaur CP	47	35.236	7.0	0.45
Tosoh	37	44.845	6.7	0.62
Siemens/DPC Immulite 1000	30	47.570	10.1	1.10
DiaSorin, Liaison	29	54.457	9.5	1.20
DiaSorin Liaison XL	19	56.661	4.3	0.71
SNIBE Maglumi analysers	18	39.817	13.4	1.58
Roche Modular E170	15	43.868	3.9	0.55
CIS, RIA Coated tube	9	45.408	8.0	1.52
Fujirebio Lumipulse G Series	9	35.384	3.2	0.46
Immunotech IRMA	8	37.474	6.4	1.05
Siemens Dimension Vista LOCI	5	38.927	2.1	0.46

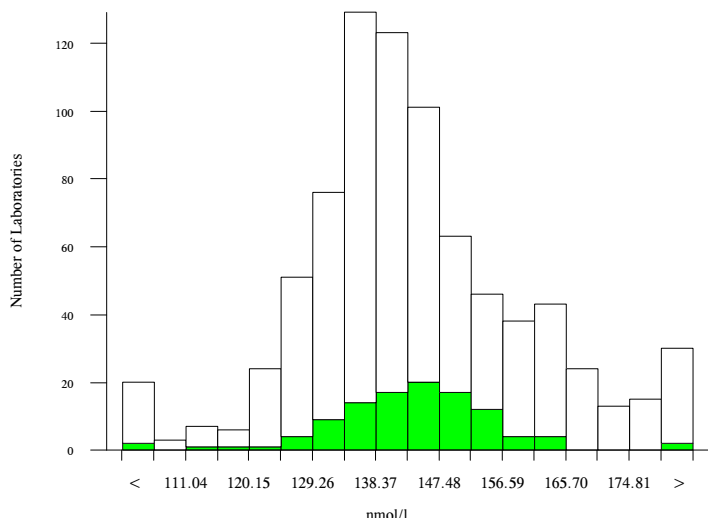


Total T4, nmol/l

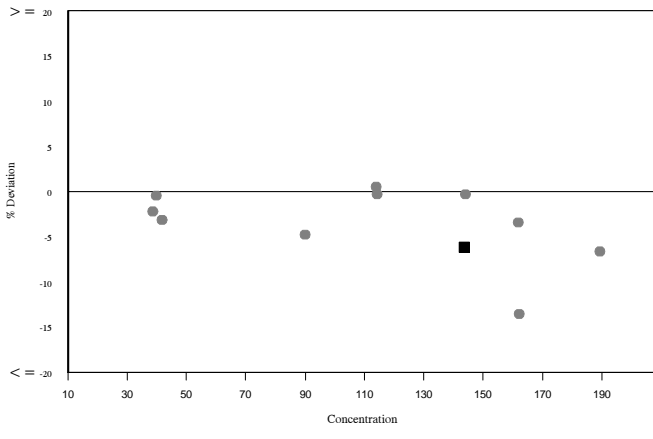
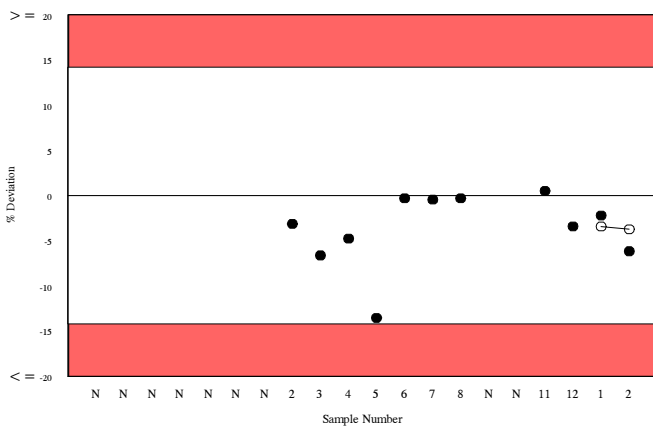
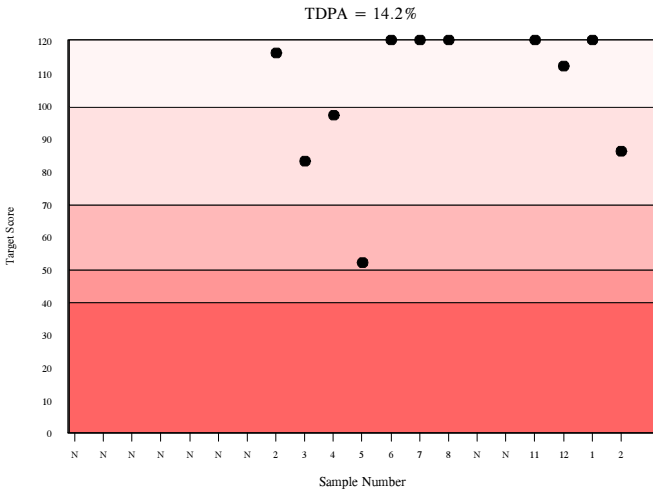
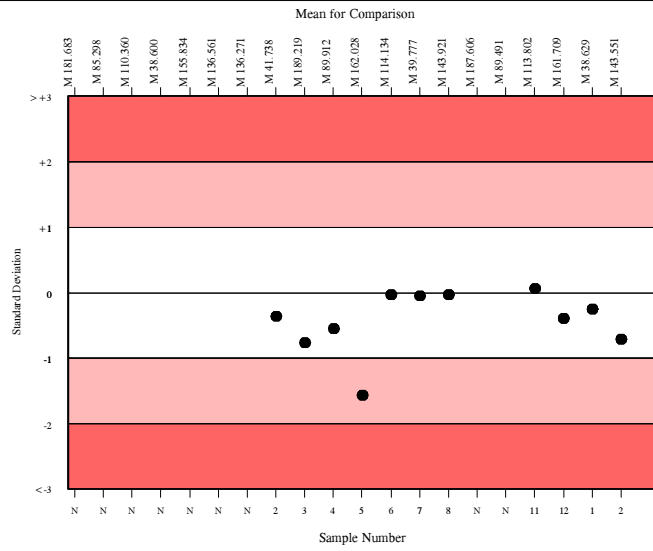
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	739	142.930	8.5	0.56	12.34	74
Roche Cobas 4000/e411	97	143.551	5.7	1.03	12.39	11

▲ Your Result	134.700	SDI	-0.71
		RMSDI	-0.43
■ Mean for Comparison	143.551	TS	86
		RMTS	103
		%DEV	-6.2
		RM%DEV	-3.7

Acceptable limits derived from Biological Variation	7%
Acceptable limits of performance for RIQAS	14.20%



Method	N	Mean	CV%	U _m
Abbott Architect	156	137.458	3.6	0.50
Roche Cobas 6000/8000	164	135.504	4.9	0.65
Roche Cobas 4000/e411	97	143.551	5.7	1.03
Siemens Centaur XP/XPT/Classic	78	156.485	8.2	1.82
Siemens/DPC Immulite 2000/2500	46	150.237	7.4	2.04
Ortho Vitros 3600/5600/ECi	28	158.809	6.1	2.30
Beckman Dxl 600/800	25	147.744	6.8	2.51
Beckman Access/LXi725	22	146.386	8.6	3.36
bioMerieux, VIDAS	22	166.266	3.9	1.72
Siemens Centaur CP	17	162.415	5.0	2.48
Siemens/DPC Immulite 1000	13	156.072	12.2	6.63
SNIBE Maglumi analysers	12	169.955	10.4	6.35
DiaSorin, Liaison	11	110.136	11.0	4.58
Roche Elecsys	10	140.601	7.7	4.26
Tosoh	7	127.807	1.9	1.13
CIS, RIA Coated tube	8	137.028	5.8	3.51
Immunotech RIA	7	117.287	7.1	3.92
ELISA	5	144.662	29.0	23.41
Roche Modular E170	4	136.950	3.0	2.61
DiaSorin Liaison XL	2	102.515	20.0	18.16
MP Biomedicals RIA	2	144.738	3.4	4.33



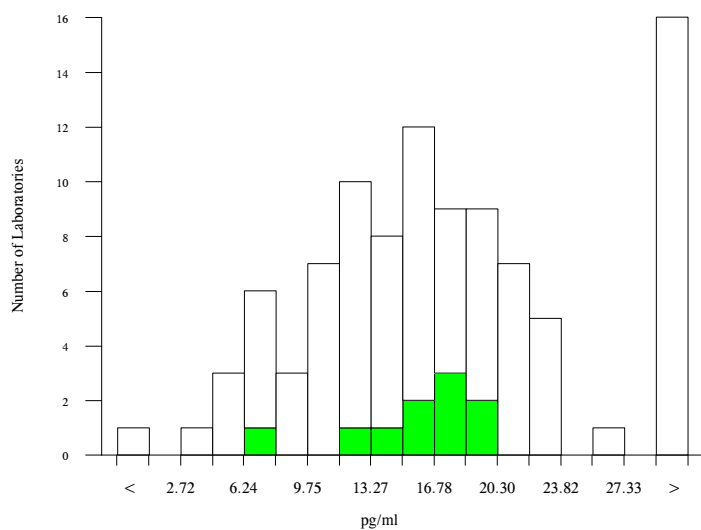
RIQAS
PROFICIENCY TESTING

Free Testosterone (Pilot), pg/ml

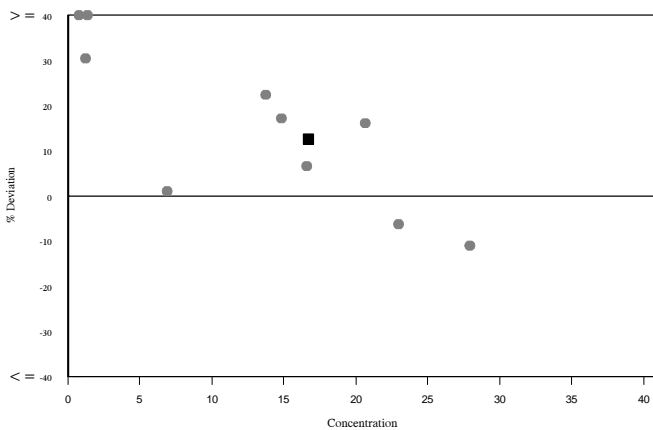
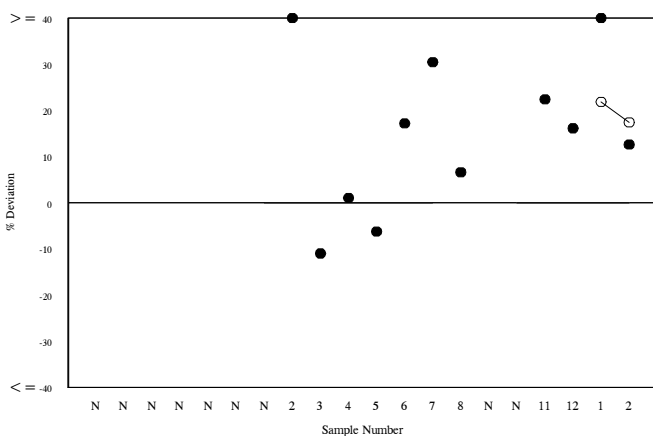
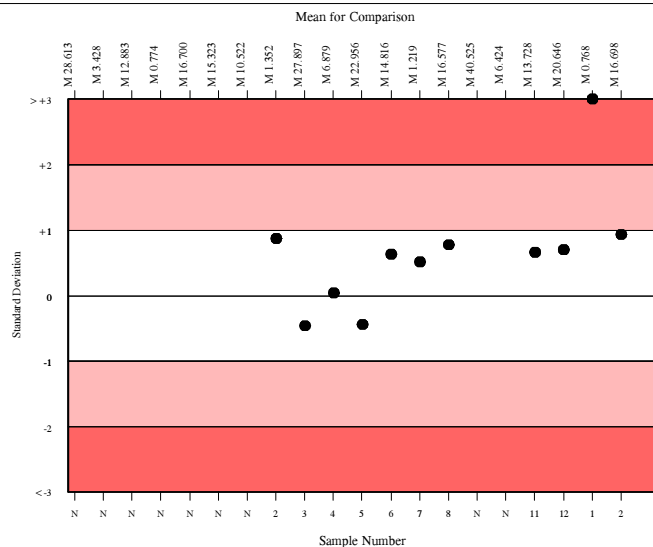
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	78	15.030	31.2	0.66	4.69	20
IBL ELISA	9	16.698	12.5	0.87	2.26a	1

▲ Your Result	18.800	SDI	0.93
		RMSDI	1.00
■ Mean for Comparison	16.698	TS	N/A
		RMTS	N/A
		%DEV	12.6
		RM%DEV	17.4

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



Method	N	Mean	CV%	U _m
SNIBE Maglumi analysers	13	21.395	5.1	0.38
DRG ELISA	14	14.313	34.5	1.65
IBL ELISA	9	16.698	12.5	0.87
Monobind Inc. ELISA / CLIA	8	11.630	22.2	1.14
Calculated	9	95.544	17.4	6.92
Diametra ELISA	5	16.640	8.7	0.81
DIAsource, RIA	6	9.771	16.4	0.82
ELISA	4	15.270	3.5	0.33
Roche Cobas 4000/e411	4	102.068	10.7	6.84
DBC, ELISA	2	13.135	12.5	1.46
DSL/Beckman Coulter, RIA	3	12.247	8.0	0.70
Novatec ELISA	3	15.113	8.4	0.91
DiaSorin (RIA)	2	11.850	12.5	1.31
Roche Cobas 6000/8000	2	101.729	2.4	2.16
DIAsource, ELISA	2	15.050	23.0	3.06

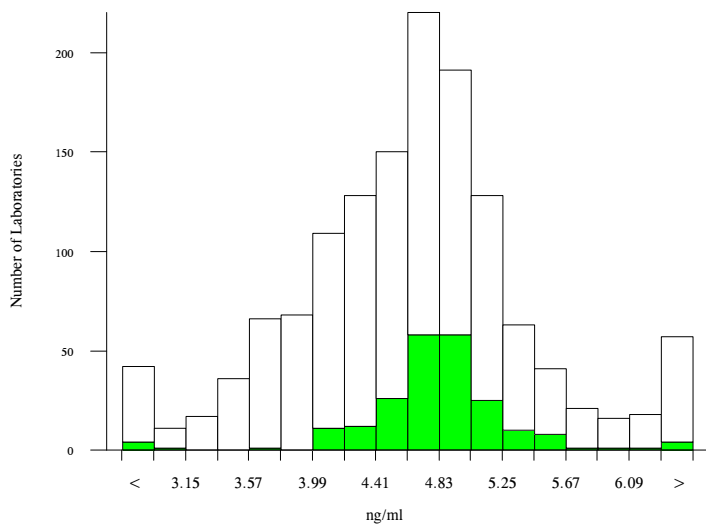


Testosterone, ng/ml

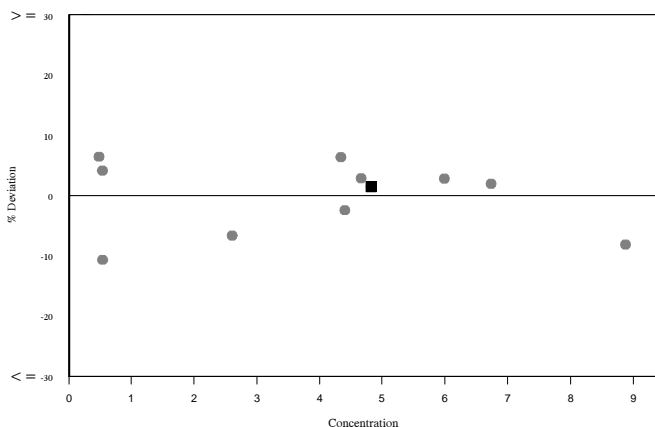
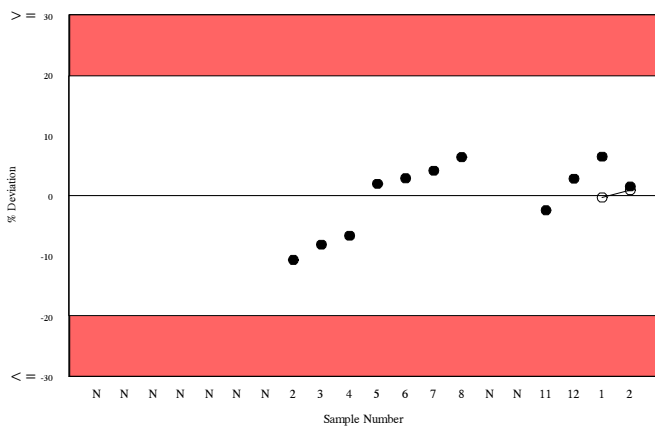
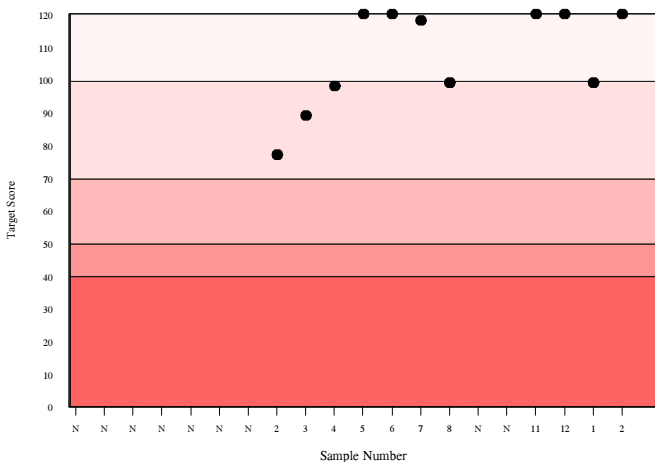
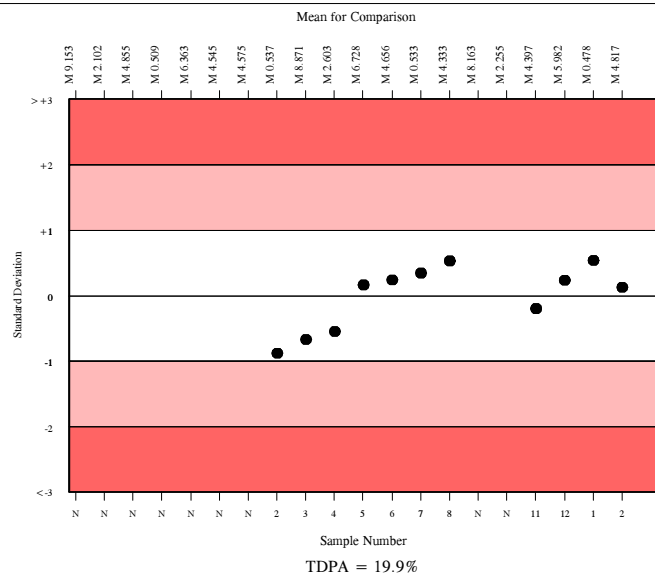
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1249	4.627	12.1	0.02	0.56	134
Roche Cobas 4000/e411 Test II	197	4.817	5.8	0.02	0.58	24

▲ Your Result	4.890	SDI	0.12
		RMSDI	0.07
■ Mean for Comparison	4.817	TS	120
		RMTS	110
		%DEV	1.5
		RM%DEV	0.9

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	280	4.933	5.4	0.02
Roche Cobas 4000/e411 Test II	197	4.817	5.8	0.02
Abbott Architect	149	4.623	6.6	0.03
Beckman DxI 600/800	123	4.052	4.8	0.02
Siemens Centaur XP/XPT/Classic TSTO	84	3.803	14.8	0.08
Abbott Architect 2nd gen	67	4.568	6.3	0.04
Siemens/DPC Immulite 2000/2500	50	5.746	8.9	0.09
Roche Elecsys Test II	45	4.813	7.5	0.07
Beckman Access/LXi725	39	4.426	6.4	0.06
bioMerieux VIDAS Testosterone II	35	3.648	4.8	0.04
Siemens Centaur XP/XPT/Classic TSTII	35	4.490	5.3	0.05
bioMerieux, VIDAS	29	3.642	6.5	0.06
Ortho Vitros 3600/5600/ECi	23	5.976	6.8	0.11
TOSOH	18	6.465	10.5	0.20
Siemens/DPC Immulite 1000	12	6.554	13.8	0.33
Roche Modular E170 Test II	13	4.943	6.3	0.11
SNIBE Maglumi analysers	10	4.683	13.1	0.24
Siemens Centaur CP	9	3.756	11.0	0.17
DiaSorin, Liaison	7	2.870	14.1	0.19
DiaSorin Liaison XL	7	2.307	4.7	0.05
CIS, RIA Coated tube	6	4.996	15.2	0.39

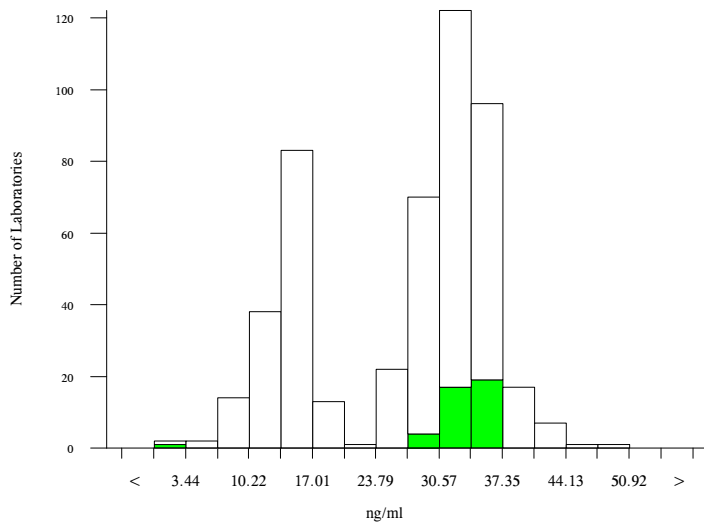


Thyroglobulin, ng/ml

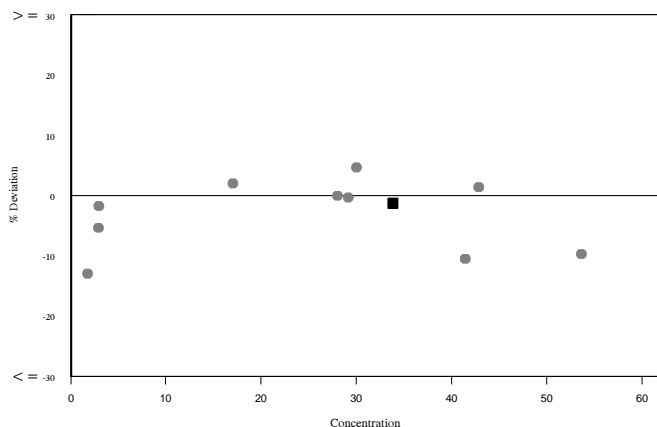
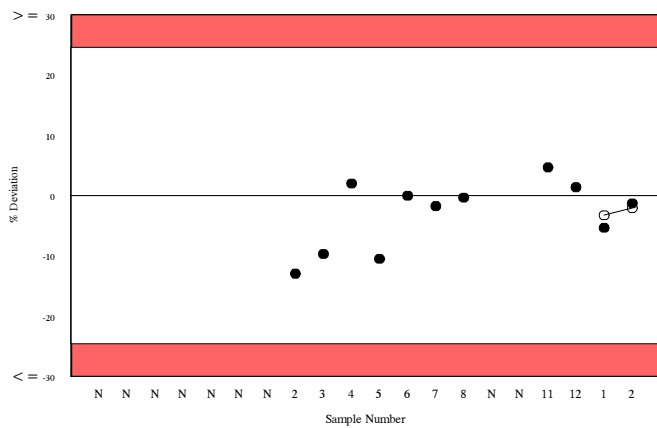
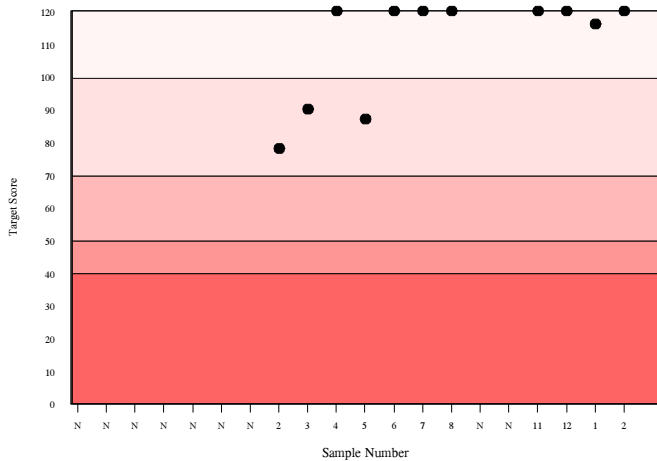
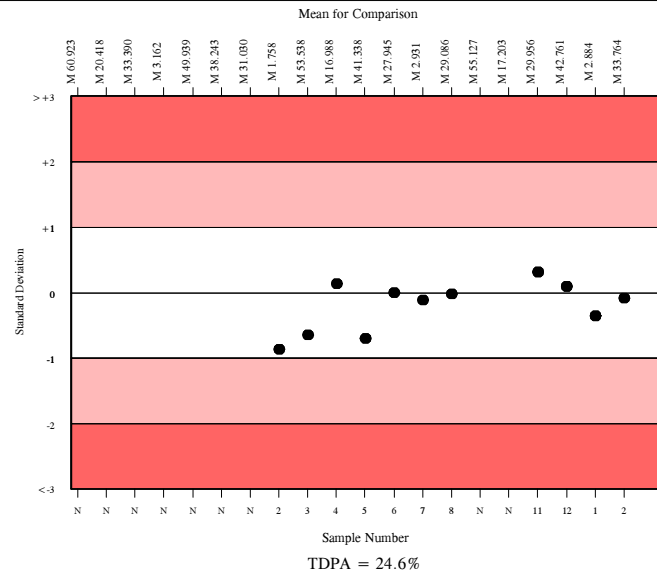
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	478	27.184	33.3	0.52	4.07	12
Roche Cobas 4000/e411 TgII	38	33.764	4.3	0.30	5.05	3

▲ Your Result	33.330	SDI	-0.09
		RMSDI	-0.14
■ Mean for Comparison	33.764	TS	120
		RMTS	113
		%DEV	-1.3
		RM%DEV	-2.1

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	84	14.980	8.0	0.16
Roche Cobas 6000/8000 Tg II	62	33.475	5.0	0.27
Beckman Dxi 600/800	46	27.788	4.8	0.25
Roche Cobas 4000/e411	47	34.145	7.3	0.46
Roche Cobas 6000/8000	47	33.155	5.2	0.31
Roche Cobas 4000/e411 TgII	38	33.764	4.3	0.30
Beckman Access	18	28.632	5.5	0.46
DiaSorin, Liaison	15	11.057	13.9	0.49
Tosoh	15	34.007	9.1	1.00
DPC Immulite 1000	12	14.842	16.9	0.90
CIS, RIA Coated tube	11	40.833	5.3	0.82
Roche Elecsys	10	34.091	4.2	0.57
DiaSorin Liaison XL	10	12.501	9.9	0.49
Roche Elecsys Tg II	8	33.434	4.5	0.67
Roche Modular E170 Tg II	5	31.634	2.5	0.45
Diesse Chorus	3	10.667	5.2	0.40
Roche Modular E170	3	31.587	8.6	1.95
SNIBE Maglumi analysers	2	9.795	24.5	2.12
Brahms IRMA	2	26.500	51.8	12.12

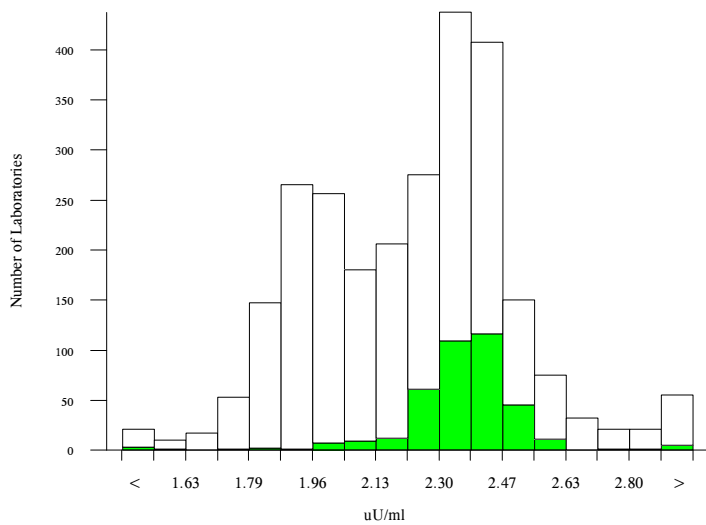


TSH, uU/ml

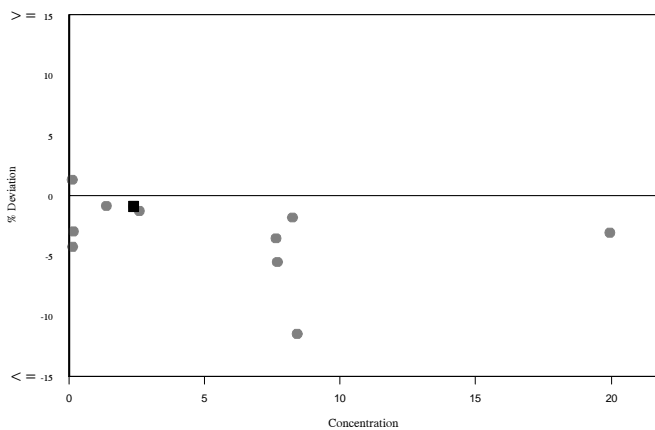
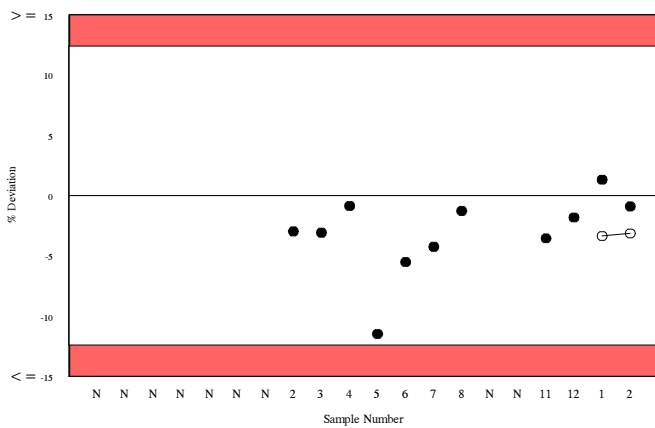
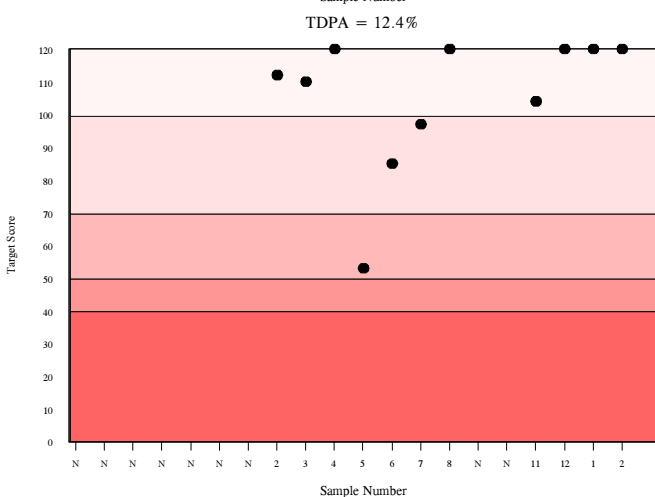
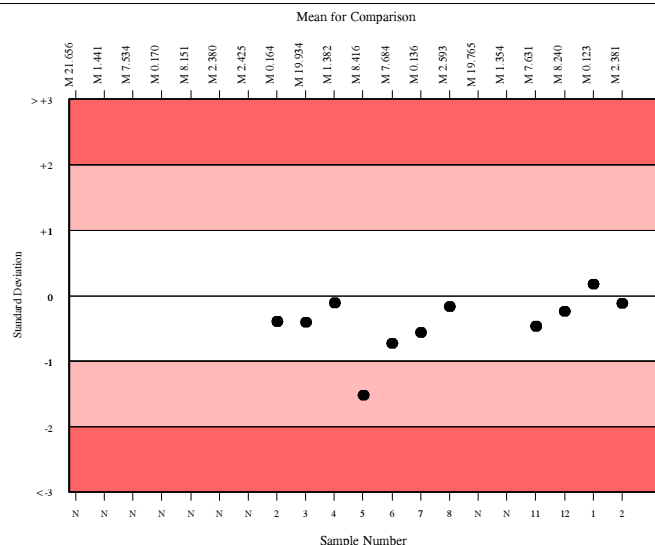
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2482	2.219	10.1	0.01	0.17	148
Roche Cobas 4000/e411	351	2.381	3.7	0.01	0.18	35

▲ Your Result	2.360	SDI RMSDI	-0.12 -0.42
■ Mean for Comparison	2.381	TS RMTS	120 104
		%DEV RM%DEV	-0.9 -3.1

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	543	2.372	2.7	0.00
Abbott Architect	427	1.923	4.9	0.01
Roche Cobas 4000/e411	351	2.381	3.7	0.01
Beckman DXI600/800/ Access 2 (3rd IS)	193	1.999	4.5	0.01
Siemens Centaur XP/Classic TSH3-Ultra	128	2.191	3.7	0.01
Siemens Centaur XP/XPT/Classic	109	2.288	7.4	0.02
Access/LXi725 hyper TSH 3rd gen	77	2.046	5.2	0.02
Roche Elecsys	62	2.360	4.2	0.02
Ortho Vitros 3600/5600/ECi	62	2.570	4.9	0.02
Siemens/DPC Immulite 2000/2500	58	2.312	6.4	0.02
bioMerieux, VIDAS, TSH	50	2.385	5.6	0.02
Tosoh	42	2.276	11.4	0.05
Siemens Centaur CP	34	2.185	11.5	0.05
Siemens/DPC Immulite 1000	36	2.230	8.4	0.04
Beckman DxI 600/800 Hyper TSH	33	1.992	5.1	0.02
DiaSorin, Liaison	25	2.747	7.0	0.05
DiaSorin Liaison XL	21	2.951	6.1	0.05
SNIBE Maglumi analysers	20	2.655	10.8	0.08
Siemens Centaur CP TSH3-Ultra	18	2.126	6.6	0.04
CIS, IRMA	14	2.600	1.5	0.01
Beckman DxI 600/800 1st generation	13	1.993	4.5	0.03

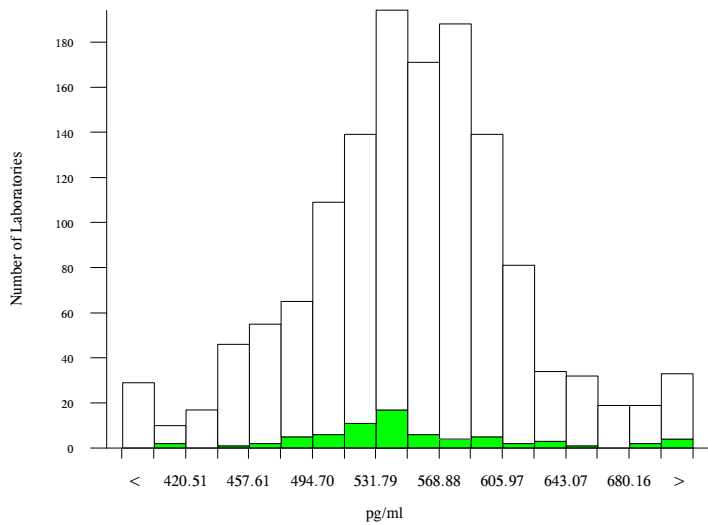


Vitamin B12, pg/ml

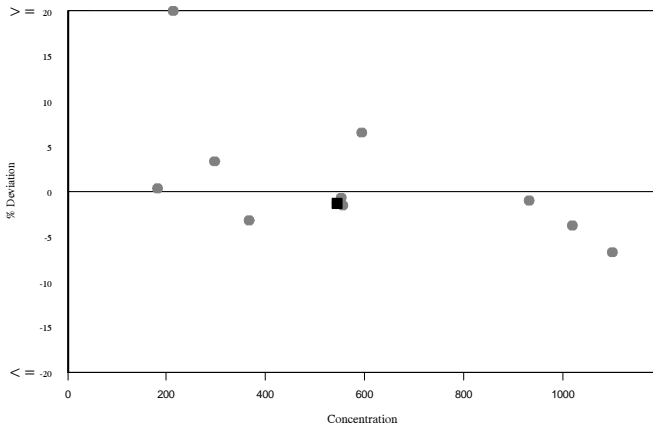
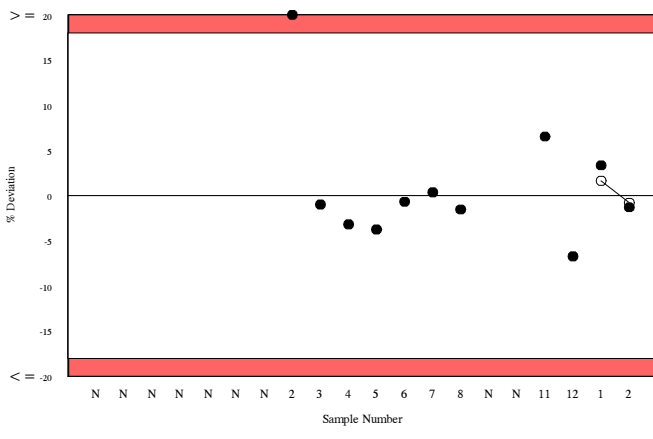
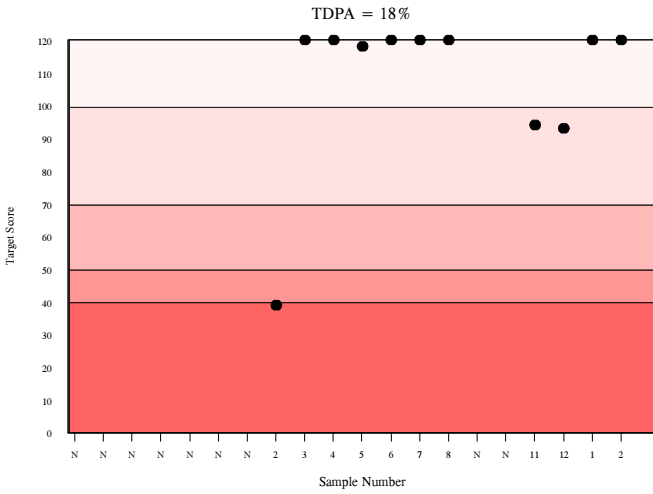
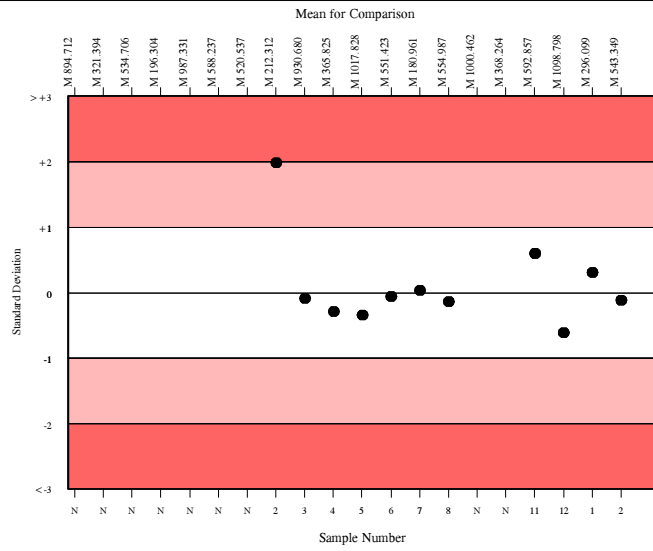
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1273	550.342	9.0	1.73	60.23	107
Roche Cobas 4000/e411 Gen II	63	543.349	8.0	6.88	59.46	8

▲ Your Result	536.300	SDI	-0.12
		RMSDI	-0.07
■ Mean for Comparison	543.349	TS	120
		RMTS	114
		%DEV	-1.3
		RM%DEV	-0.8

Acceptable limits derived from Biological Variation	30%
Acceptable limits of performance for RIQAS	18.00%



Method	N	Mean	CV%	U _m
Abbott Architect	263	547.665	5.6	2.37
Roche Cobas 6000/8000 Gen II	170	579.091	4.8	2.69
Beckman Dxi 600/800	165	482.859	6.2	2.91
Siemens Centaur XP/XPT/Classic	145	578.724	7.2	4.34
Roche Cobas 4000/e411	123	553.089	7.6	4.76
Roche Cobas 6000/8000	115	575.763	3.9	2.65
Roche Cobas 4000/e411 Gen II	63	543.349	8.0	6.88
Beckman Access/LXi725	50	502.110	7.8	6.91
Siemens/DPC Immulite 2000	34	515.117	12.3	13.58
Roche Elecsys	34	562.945	15.8	19.02
Ortho Vitros 3600/5600/ECi	31	601.327	8.1	10.90
TOSOH	15	698.317	4.4	9.88
Siemens Centaur CP	11	576.803	12.5	27.07
Roche Modular E170	9	587.888	2.8	6.74
SNIBE Maglumi analysers	8	479.076	22.2	47.00
Siemens Dimension	6	543.841	4.4	12.21
Siemens/DPC Immulite 1000	6	409.628	29.0	60.55
Abbott AxSYM	4	568.352	13.9	49.33
MP Biomedicals RIA	4	560.353	7.7	26.90
Roche Modular E170 Gen II	4	593.025	7.4	27.45
ELISA	2	234.282	19.8	40.99

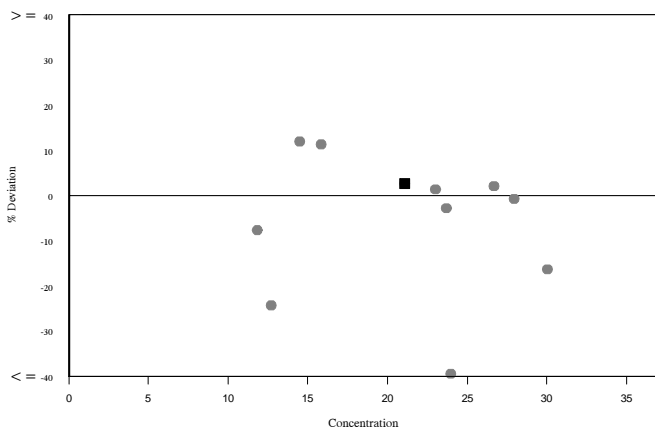
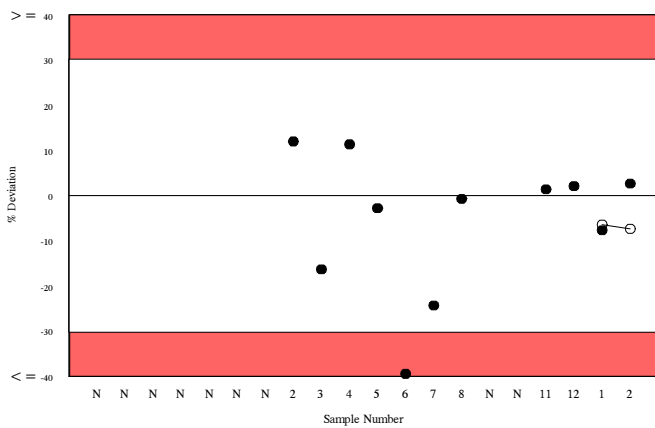
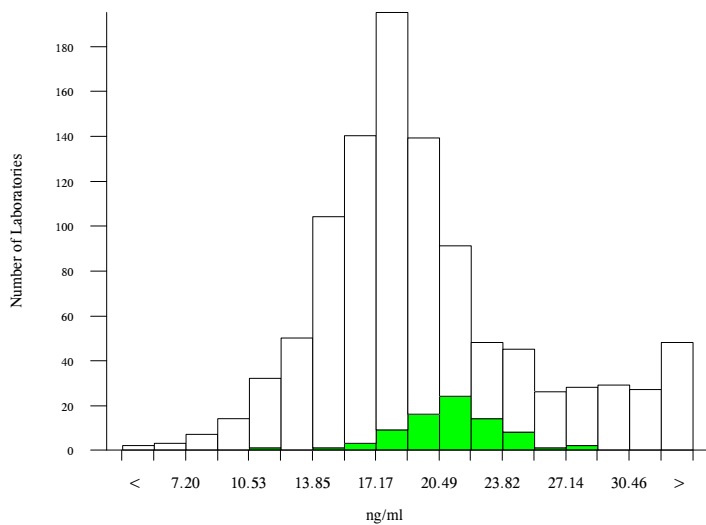
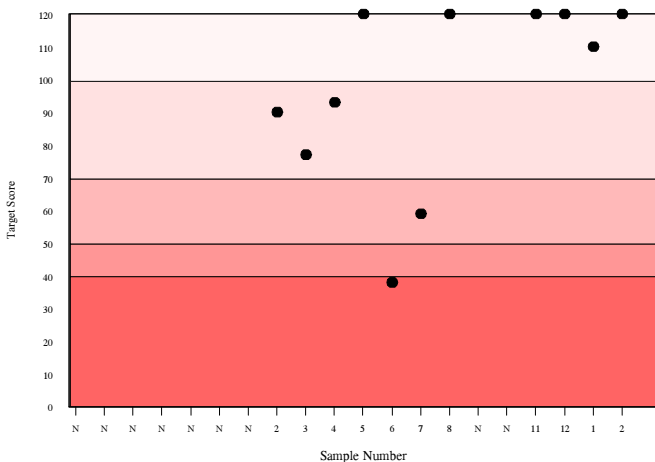
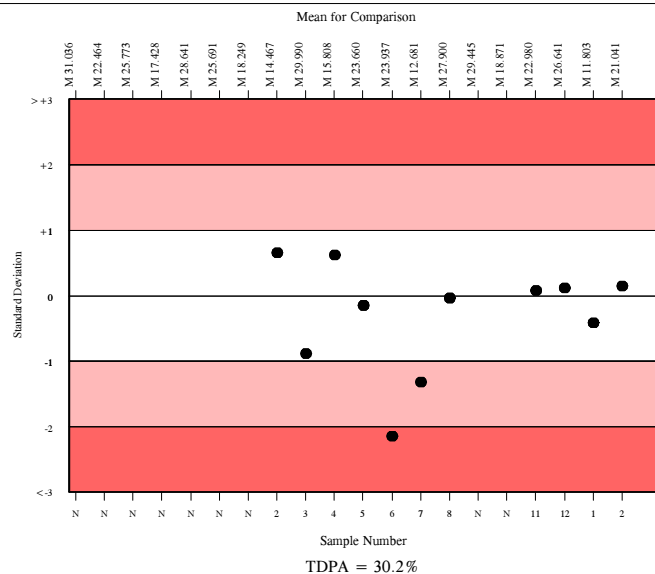


25-OH-Vitamin D, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	950	18.838	23.5	0.18	3.46	78
bioMerieux Vidas/mini Vidas/Vidas 3	73	21.041	9.4	0.29	3.86	6

▲ Your Result	21.600	SDI	0.14
		RMSDI	-0.40
■ Mean for Comparison	21.041	TS	120
		RMTS	97
		%DEV	2.7
		RM%DEV	-7.4

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	302	15.686	16.8	0.19
Abbott Architect (3L52)	128	18.297	5.7	0.12
Beckman DxI 600/800	100	16.743	12.5	0.26
Siemens Centaur XP/XPT/Classic	92	30.669	10.1	0.41
bioMerieux Vidas/mini Vidas/Vidas 3	73	21.041	9.4	0.29
Abbott Architect (5P02)	59	18.642	6.1	0.18
DiaSorin, Liaison	30	23.301	8.2	0.43
Beckman Access 25 OH Vitamin D Total	30	20.022	23.4	1.07
Ortho Vitros 3600/5600/ECi	32	29.279	13.1	0.85
DiaSorin Liaison XL	27	23.222	8.3	0.46
Roche Vitamin D Total II	27	18.797	20.6	0.93
SNIBE Maglumi Analyser	12	25.491	18.8	1.73
TOSOH	8	23.754	11.9	1.25
Fujirebio Lumipulse G Series	8	19.325	6.4	0.54
IDS iSYS	8	21.590	15.0	1.43
Euroimmune ELISA	3	19.489	14.9	2.10
LC/MS	3	19.000	5.9	0.80
ELISA	1	20.000	0.0	0.00
HPLC/UPLC	2	22.060	13.2	2.57



RIQAS

Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	50.211	259.600	<u>19.25</u>	1.88	417.0	45.4	N/A	N/A	
AFP	62.914	64.680	0.31	-0.69	2.8	-6.3	120	83	
Aldosterone	190.400	190.400	0.00	-0.47	0.0	-12.9	120	97	
Androstenedione	4.916	4.240	-0.98	-0.18	-13.8	-2.5	72	98	
Beta-2-Microglobulin	3.044	2.660	-1.20	-0.67	-12.6	-7.1	64	81	
CA 125	112.474	113.400	0.10	0.51	0.8	4.0	120	100	
CA 15-3	40.490	40.180	-0.09	-0.01	-0.8	-0.1	120	116	
CA 19-9	71.301	71.790	0.07	-0.41	0.7	-4.0	120	83	
CEA	20.924	21.980	0.61	-0.22	5.0	-1.8	93	98	
Cortisol	607.644	552.000	-1.02	0.15	-9.2	1.4	71	92	
C-Peptide	5.819	6.040	0.21	-0.04	3.8	-0.7	120	109	
DHEA-S	586.348	580.900	-0.08	-0.15	-0.9	-1.7	120	110	
Digoxin	2.143	2.310	0.70	-0.62	7.8	-7.3	87	87	
Ferritin	105.878	97.810	-0.89	-0.49	-7.6	-4.2	77	81	
Folate	7.332	7.010	-0.37	-0.23	-4.4	-3.3	115	86	
FSH	25.617	25.460	-0.08	-0.14	-0.6	-1.1	120	107	
GH	6.554	6.890	0.41	-0.01	5.1	-0.1	110	113	
hCG	21.424	22.370	0.52	-0.32	4.4	-2.7	100	88	
IgE	116.920	113.300	-0.37	-0.12	-3.1	-1.0	115	100	
Insulin	15.494	15.270	-0.12	0.19	-1.4	2.3	120	111	
LH	28.883	31.130	1.07	0.90	7.8	6.5	69	81	
Oestradiol	284.809	278.000	-0.23	-0.17	-2.4	-1.7	120	89	
17-OH-Progesterone	4.922	4.580	-0.47	-0.09	-6.9	-3.9	N/A	N/A	
Progesterone	9.603	9.590	-0.01	0.14	-0.1	1.6	120	109	
Prolactin	1065.943	1050.000	-0.10	-0.13	-1.5	-1.8	120	115	
PSA, Free	9.811	9.260	-0.79	-0.14	-5.6	-1.0	82	103	
PSA, Total	12.695	12.590	-0.11	-0.89	-0.8	-6.6	120	82	
Parathyroid hormone	423.472	408.500	-0.48	-0.78	-3.5	-10.5	N/A	N/A	
Sex Hormone Binding Globulin	40.964	37.150	-1.14	-1.24	-9.3	-10.1	66	67	
Free T3	16.808	16.160	-0.45	-0.09	-3.9	-0.8	107	109	
Total T3	4.424	3.990	-1.07	0.05	-9.8	0.5	69	93	
Free T4	44.217	45.100	0.26	0.26	2.0	2.0	120	113	
Total T4	143.551	134.700	-0.71	-0.43	-6.2	-3.7	86	103	
Free Testosterone (Pilot)	16.698	18.800	0.93	1.00	12.6	17.4	N/A	N/A	
Testosterone	4.817	4.890	0.12	0.07	1.5	0.9	120	110	
Thyroglobulin	33.764	33.330	-0.09	-0.14	-1.3	-2.1	120	113	
TSH	2.381	2.360	-0.12	-0.42	-0.9	-3.1	120	104	
Valproic acid	78.254	77.500	-0.12	-0.08	-1.0	-0.6	120	99	
Vitamin B12	543.349	536.300	-0.12	-0.07	-1.3	-0.8	120	114	
25-OH-Vitamin D	21.041	21.600	0.14	-0.40	2.7	-7.4	120	97	

ORMSDI -0.12

ORM%DEV -0.7

ORMTS 98

END OF REPORT