

Dena Laboratory

# MONTHLY IMMUNOASSAY

CYCLE 16 SAMPLE 1

## 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: 2

Issue Date: 01/03/2018

Report re-issued to include authorised late or corrected results

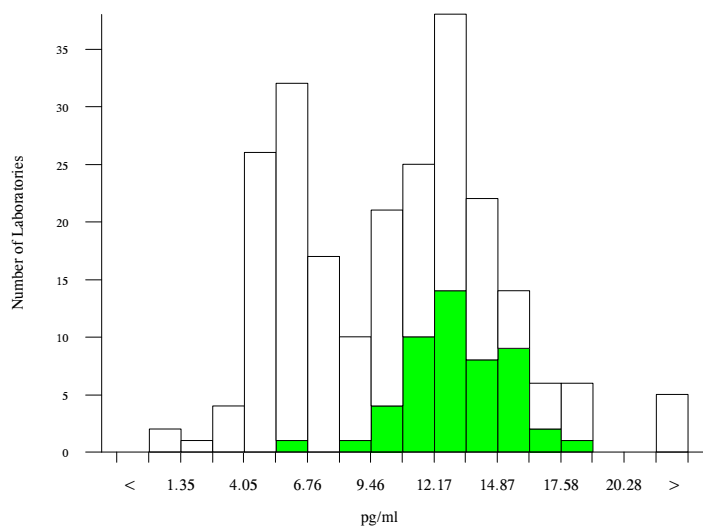
Randox Laboratories Limited  
55 Diamond Road  
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# ACTH, pg/ml

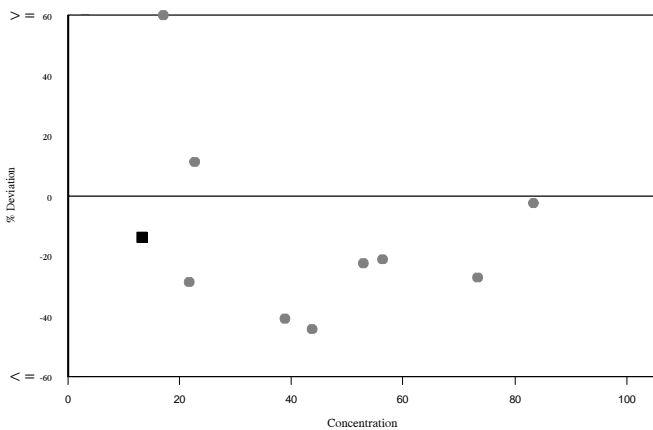
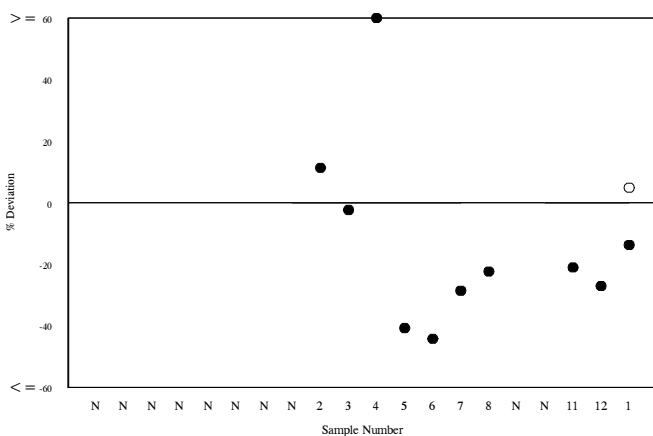
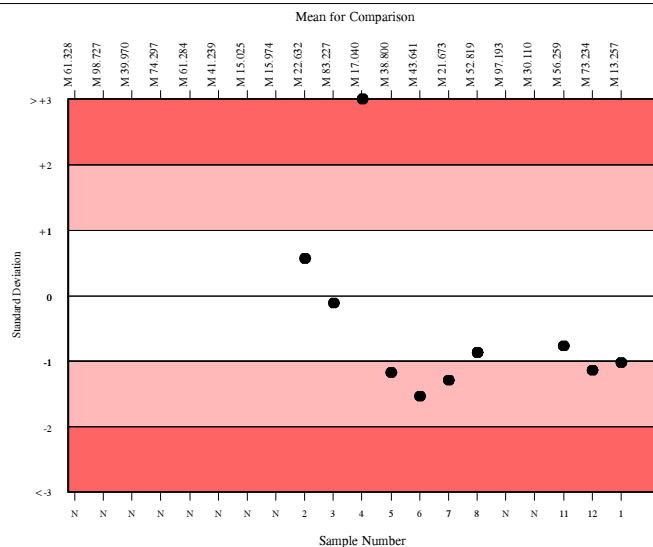
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	193	10.230	37.2	0.34	3.80	66
Roche Cobas 4000/e411	38	13.257	13.4	0.36	1.77	12

▲ Your Result	11.440	SDI	-1.02
		RMSDI	0.01
■ Mean for Comparison	13.257	TS	N/A
		RMTS	N/A
		%DEV	-13.7
		RM%DEV	4.9

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



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000/2500	45	6.180	14.5	0.17
Roche Cobas 6000/8000	56	12.648	16.7	0.35
Roche Cobas 4000/e411	38	13.257	13.4	0.36
Siemens/DPC Immulite 1000	8	10.055	5.8	0.26
DiaSorin Liaison	10	5.268	15.9	0.33
DiaSorin Liaison XL	9	6.292	25.7	0.67
Roche Elecsys	6	14.352	24.9	1.83
TOSOH	4	5.050	27.0	0.85
CIS, IRMA	4	63.410	23.7	9.39
Roche Modular E170	1	13.380	0.0	0.00

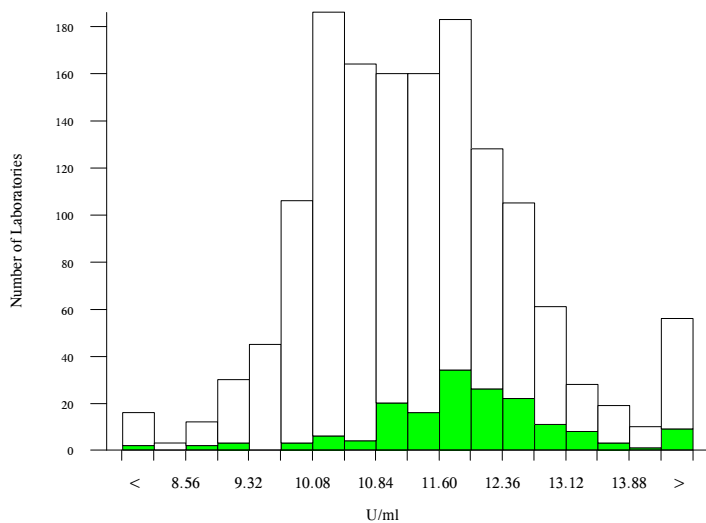


# AFP, U/ml

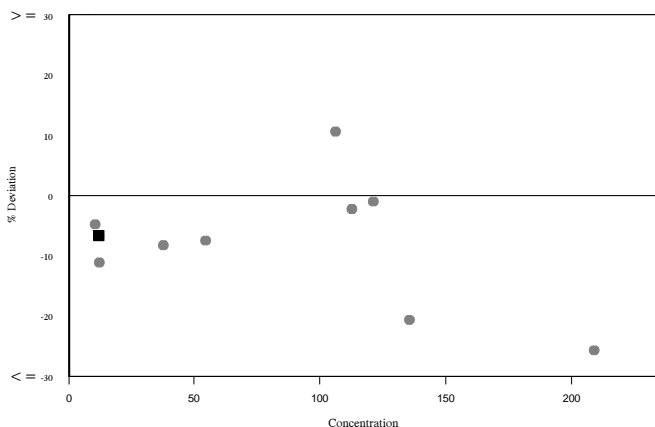
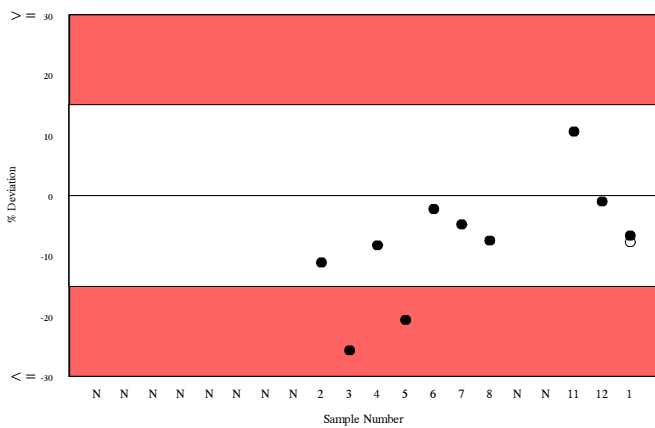
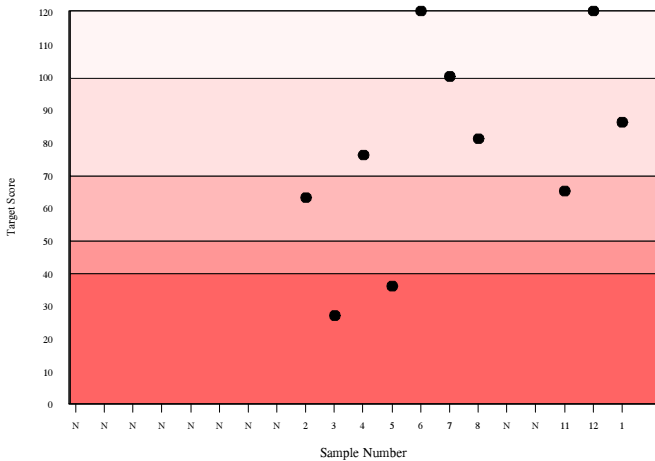
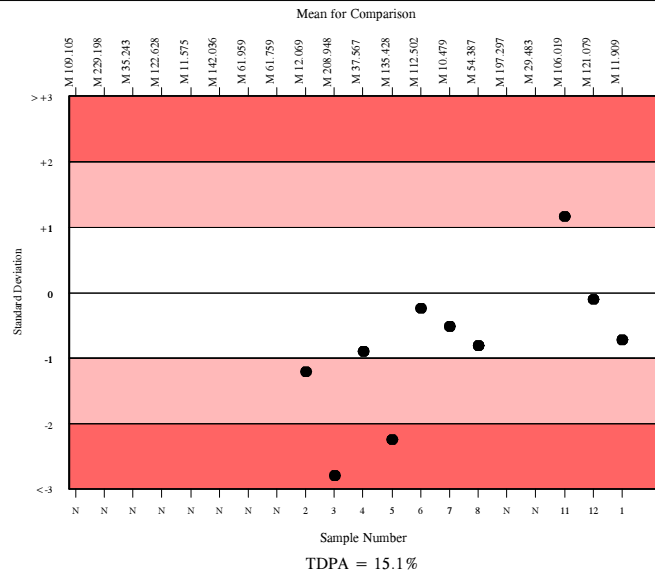
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1309	11.225	9.0	0.04	1.03	164
Roche Cobas 4000/e411	141	11.909	6.8	0.09	1.09	29

▲ Your Result	11.120	SDI RMSDI	-0.72 -0.84
■ Mean for Comparison	11.909	TS RMTS	86 77
		%DEV RM%DEV	-6.6 -7.7

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	281	11.741	5.7	0.05
Abbott Architect	254	10.377	3.5	0.03
Beckman Dxi 600/800	159	10.840	7.7	0.08
Roche Cobas 4000/e411	141	11.909	6.8	0.09
Siemens Centaur XP/XPT/Classic	117	11.727	8.0	0.11
bioMerieux, Vidas/Mini Vidas	46	11.464	8.1	0.17
Siemens/DPC Immulite 2000/2500	41	10.542	6.5	0.13
Roche Elecsys	43	11.515	9.7	0.21
Beckman Access/LXi725	38	10.938	8.5	0.19
Ortho Vitros 3600/5600/ECi	28	11.350	9.4	0.25
Tosoh	19	11.108	7.2	0.23
Siemens Centaur CP	18	11.403	10.2	0.34
Siemens/DPC Immulite 1000	16	10.741	8.9	0.30
CIS, IRMA	15	18.690	7.8	0.47
DiaSorin, Liaison	15	13.063	12.2	0.51
DiaSorin Liaison XL	12	12.814	4.9	0.23
Roche Modular E170	9	11.941	5.7	0.29
SNIBE Maglumi analysers	9	9.602	15.8	0.63
Fujirebio Lumipulse G Series	6	11.177	2.9	0.17
Siemens Dimension	2	11.654	2.2	0.23
DRG ELISA	1	12.600	0.0	0.00



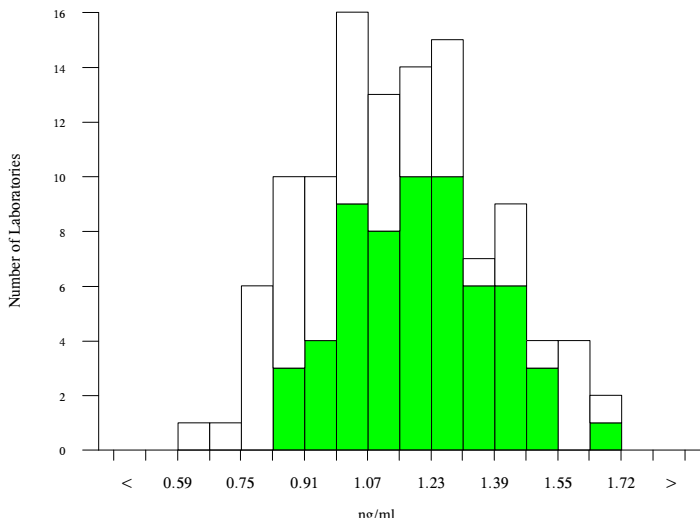


# Androstenedione, ng/ml

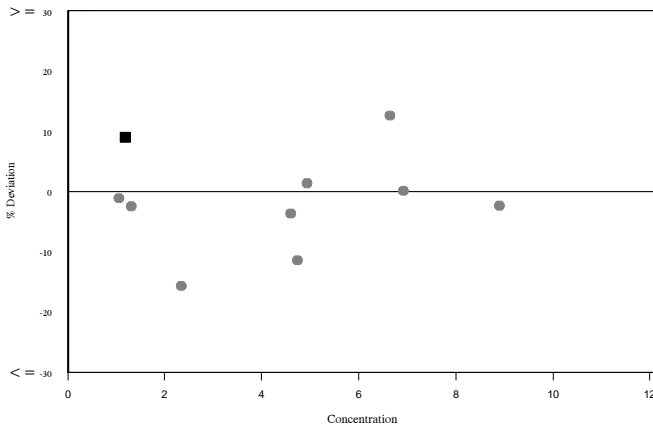
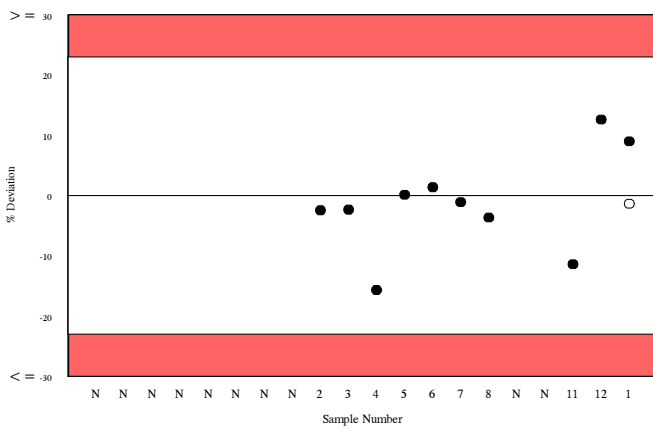
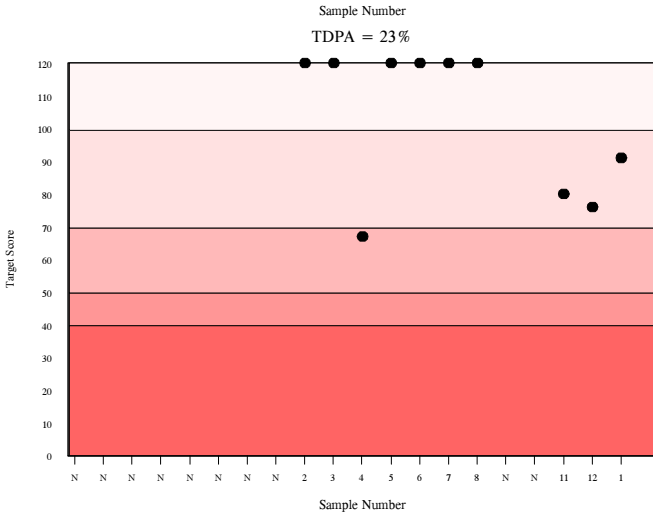
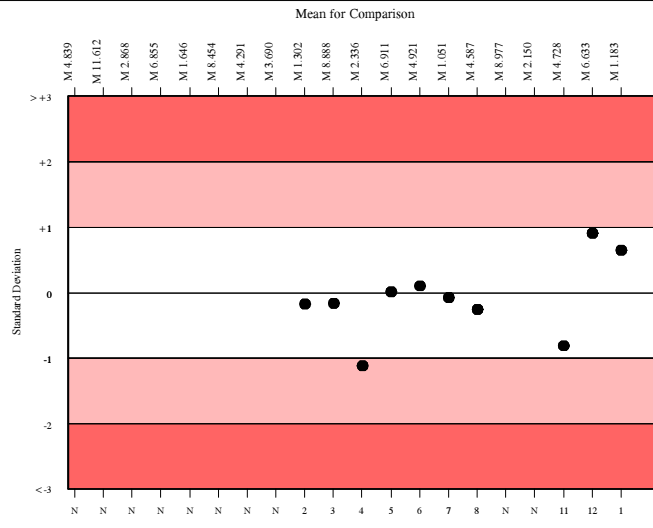
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	92	1.156	18.6	0.03	0.16	20
Siemens/DPC Immulite 2000	49	1.183	14.3	0.03	0.17	11

▲ Your Result	1.290	SDI	0.64
		RMSDI	-0.10
■ Mean for Comparison	1.183	TS	91
		RMTS	103
		%DEV	9.0
		RM%DEV	-1.3

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



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000	49	1.183	14.3	0.03
Siemens/DPC Immulite 1000	10	1.021	8.9	0.04
Beckman Coulter Active RIA	8	0.850	14.6	0.05
DiaMetra ELISA	2	1.430	16.9	0.21
DRG ELISA	4	1.318	22.3	0.18
DiaSorin Liaison XL	5	1.168	17.8	0.12
DIAsource, RIA	4	1.126	20.7	0.15
DIAsource, ELISA	2	1.090	0.0	0.00
Labor Diagnostike Nord ELISA	2	1.260	35.9	0.40

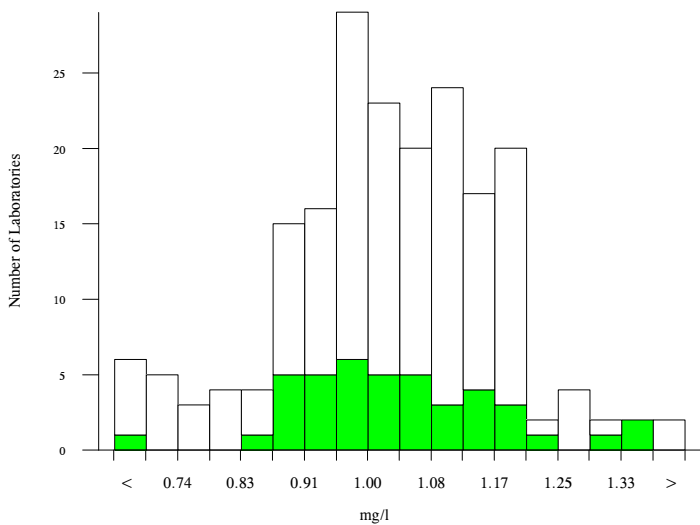


# Beta-2-Microglobulin, mg/l

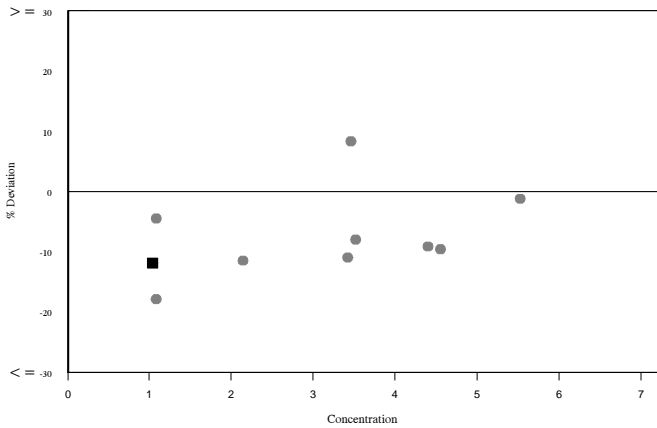
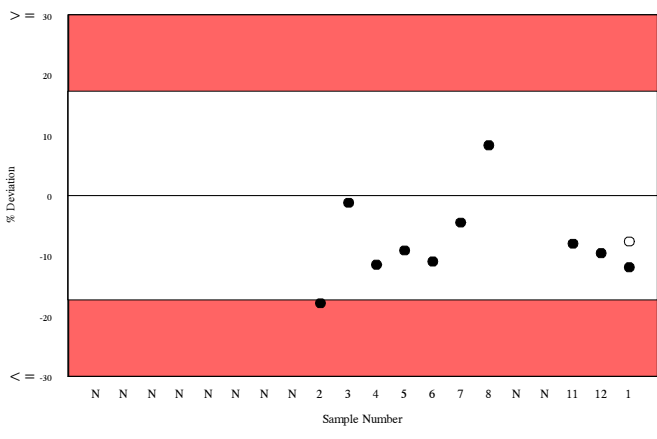
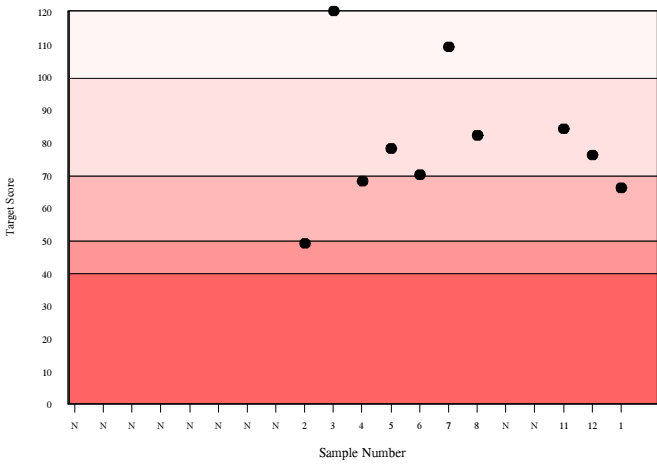
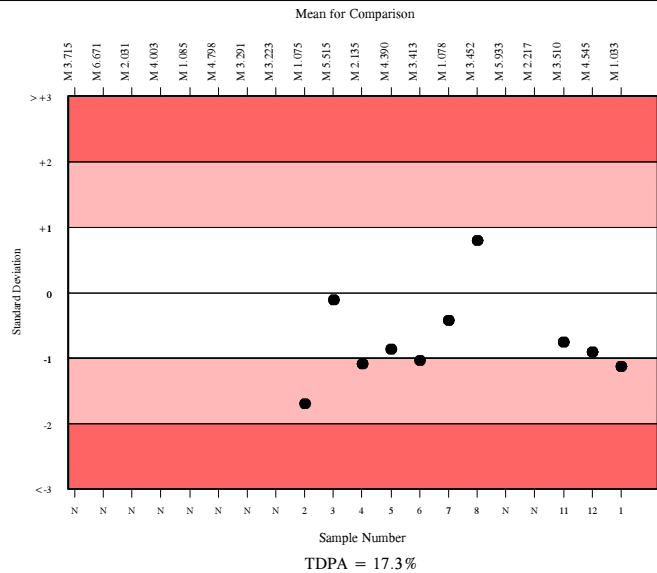
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	165	1.045	10.8	0.01	0.11	33
Siemens/DPC Immulite 2000/2500	35	1.033	9.5	0.02	0.11	7

▲ Your Result	0.910	SDI	-1.13
		RMSDI	-0.72
■ Mean for Comparison	1.033	TS	66
		RMTS	80
		%DEV	-11.9
		RM%DEV	-7.6

Acceptable limits derived from Biological Variation	9%
Acceptable limits of performance for RIQAS	17.30%



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000/2500	35	1.033	9.5	0.02
Roche Cobas 6000/8000	32	1.095	8.9	0.02
bioMerieux, VIDAS	24	1.068	7.6	0.02
Abbott Architect	20	1.003	3.8	0.01
Siemens/Behring Nephelometer	10	1.041	11.8	0.05
Beckman AU400/600/640/2700/5400	9	1.020	12.8	0.05
DiaSorin, Liaison	7	0.747	15.5	0.05
Siemens/DPC Immulite 1000	4	1.269	1.8	0.01
Fujirebio Lumipulse G Series	4	0.910	8.3	0.05
DiaSorin Liaison XL	4	0.712	7.3	0.03
Roche Tinaquant	3	1.064	16.4	0.13
Roche Cobas 4000/c311	3	1.100	3.6	0.03
TOSOH	3	1.081	4.7	0.04
Beckman Immage	2	0.950	7.4	0.06
Siemens Advia 1200/1650/1800/2400	2	0.780	14.5	0.10
DakoCytomation PET kit	2	1.047	22.1	0.20
Siemens Dimension	2	1.085	3.2	0.03
Goldsite Nephstar Nephelometer	1	0.910	0.0	0.00
Immunotech RIA	2	1.143	5.3	0.05

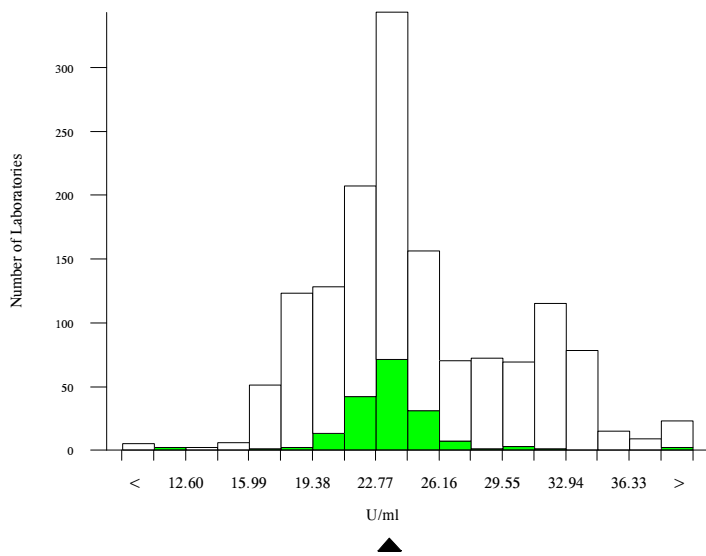


# CA 125, U/ml

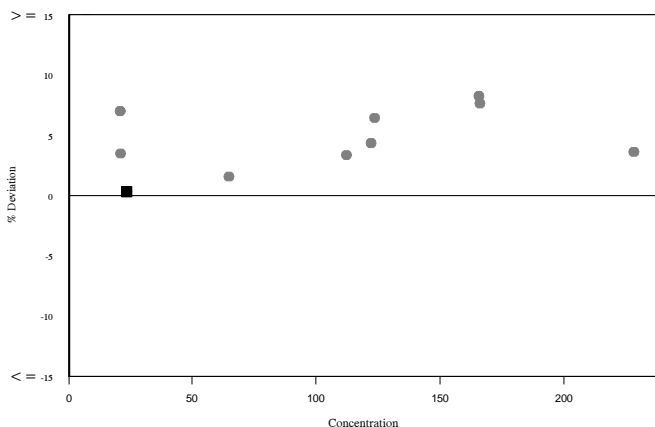
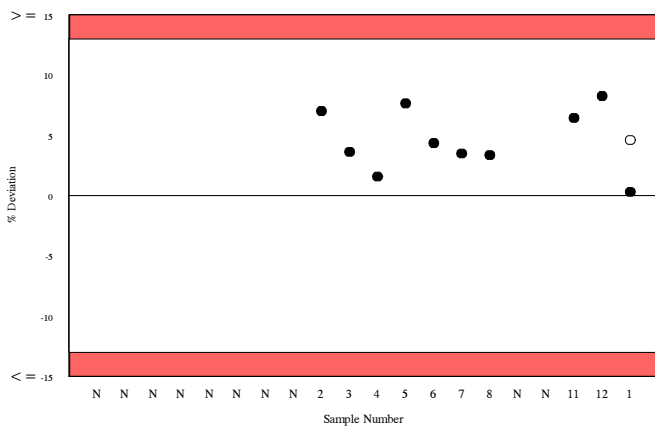
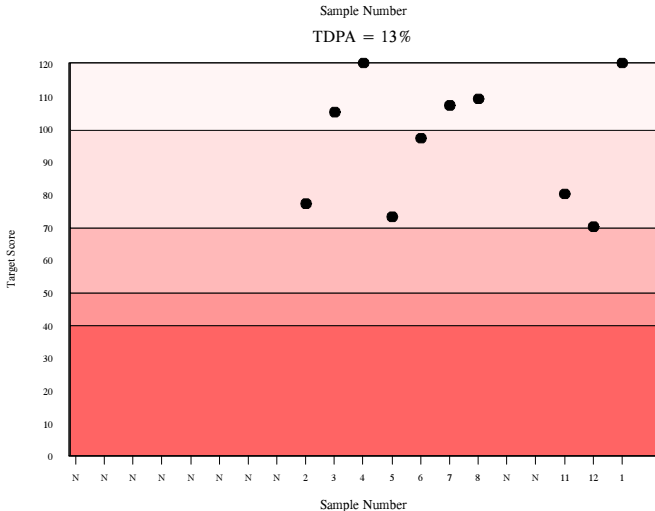
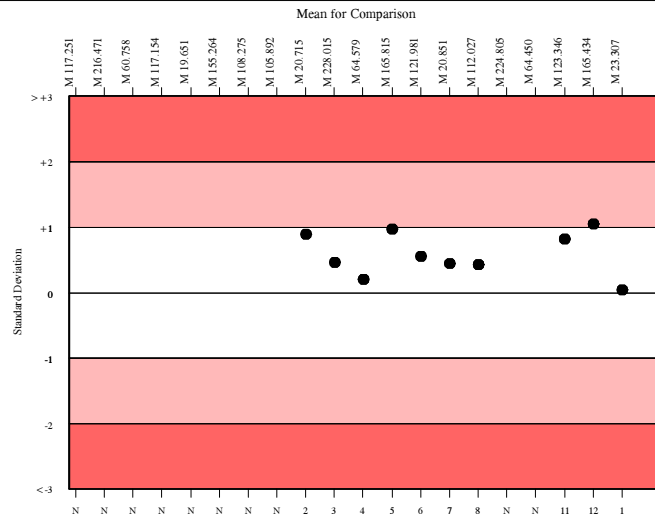
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1341	24.473	18.5	0.15	1.93	134
Roche Cobas 4000/e411	147	23.307	6.5	0.16	1.84	29

▲ Your Result	23.380	SDI	0.04
		RMSDI	0.58
■ Mean for Comparison	23.307	TS	120
		RMTS	95
		%DEV	0.3
		RM%DEV	4.6

Acceptable limits derived from Biological Variation	35.4%
Acceptable limits of performance for RIQAS	13.00%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	282	23.386	4.9	0.09
Abbott Architect	262	32.061	5.4	0.13
Roche Cobas 4000/e411	147	23.307	6.5	0.16
Beckman DxI 600/800	150	18.465	5.9	0.11
Centaur XP/XPT/Classic, CA125 II Kit	91	26.089	7.0	0.24
bioMerieux, VIDAS	81	22.650	6.8	0.22
Roche Elecsys	37	22.516	6.1	0.28
Siemens Centaur XP/XPT/Classic OV Kit	40	25.780	8.7	0.44
Beckman Access/LX1725	30	18.673	6.7	0.28
Siemens/DPC Immulite 2000/2500	29	22.242	7.2	0.37
Ortho Vitros 3600/5600/ECi	27	20.985	3.3	0.17
Siemens Centaur CP CA125 II Kit	17	26.735	7.4	0.60
Siemens/DPC Immulite 1000	16	21.447	19.2	1.28
TOSOH	17	38.600	12.2	1.43
DiaSorin, Liaison	9	29.232	5.8	0.71
DiaSorin Liaison XL	11	28.762	4.9	0.53
Roche Modular E170	11	23.118	7.0	0.61
CIS, IRMA	9	20.743	3.1	0.26
Fujirebio Lumipulse G Series	9	20.511	6.6	0.56
SNIBE Maglumi analysers	8	19.351	2.9	0.25
Siemens Centaur CP OV Kit	3	27.700	9.3	1.85

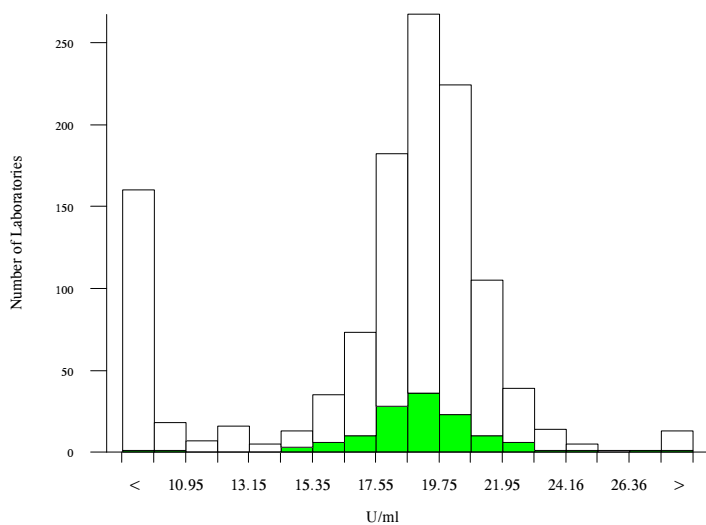


# CA 15-3, U/ml

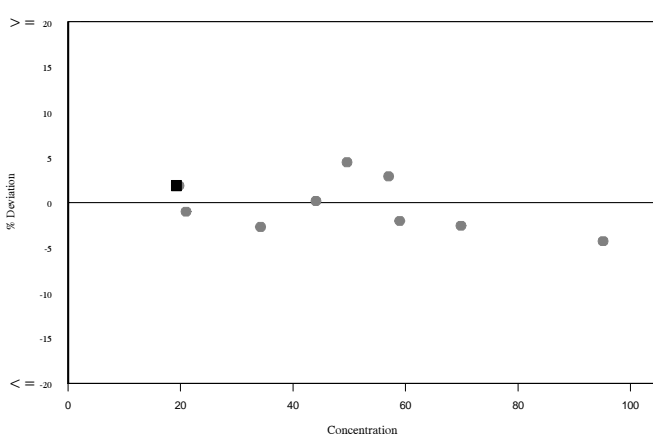
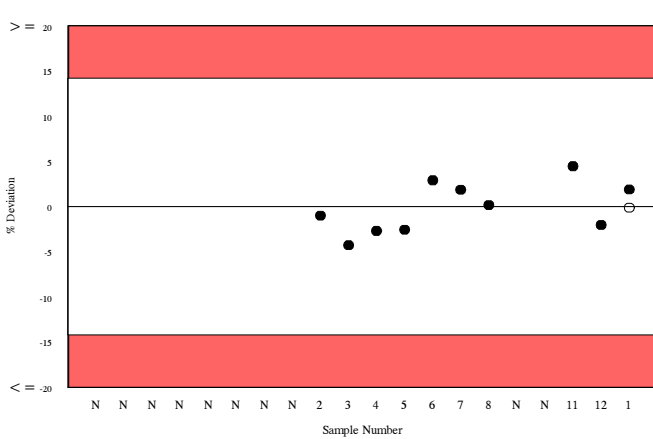
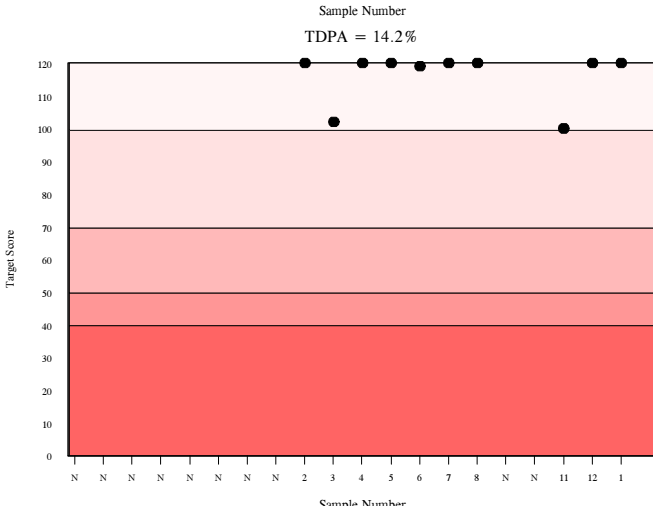
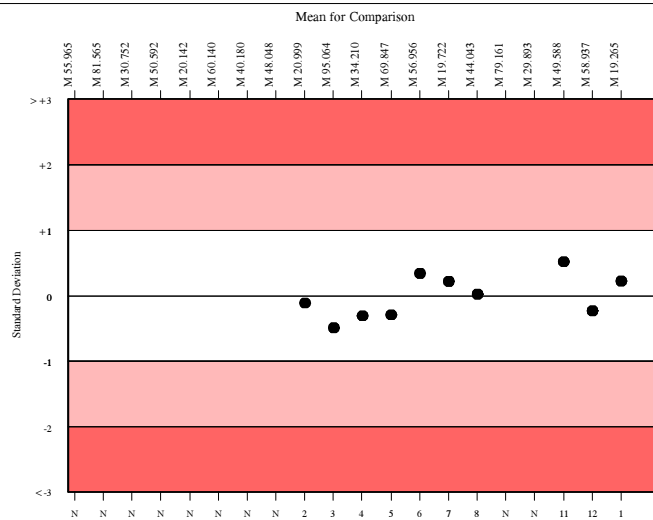
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	990	18.656	15.7	0.12	1.61	188
Roche Cobas 4000/e411	103	19.265	7.2	0.17	1.66	25

▲ Your Result	19.630	SDI	0.22
		RMSDI	-0.01
■ Mean for Comparison	19.265	TS	120
		RMTS	116
		%DEV	1.9
		RM%DEV	-0.1

Acceptable limits derived from Biological Variation	20.8%
Acceptable limits of performance for RIQAS	14.20%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	246	19.312	5.4	0.08
Abbott Architect	206	20.176	6.3	0.11
Beckman DxI 600/800	127	8.862	7.2	0.07
Roche Cobas 4000/e411	103	19.265	7.2	0.17
Siemens Centaur XP/XPT/Classic	105	18.711	7.3	0.17
BioMerieux VIDAS	55	18.195	4.4	0.13
Roche Elecsys	28	19.150	5.9	0.27
Siemens/DPC Immulite 2000/2500	27	19.959	8.9	0.43
Beckman Access/LXi725	21	8.667	8.4	0.20
Ortho Vitros 3600/5600/ECi	20	16.555	7.4	0.34
TOSOH	14	18.679	17.1	1.06
CIS, IRMA	9	12.198	4.0	0.20
Siemens/DPC Immulite 1000	9	23.792	15.7	1.56
DiaSorin Liaison XL	10	18.882	10.5	0.78
DiaSorin, Liaison	9	18.737	9.0	0.70
Roche Modular E170	8	20.036	2.0	0.18
Siemens Centaur CP	8	19.988	14.6	1.29
Fujirebio Lumipulse G Series	8	21.750	4.6	0.45
SNIBE Maglumi analysers	5	12.318	2.2	0.15
DRG ELISA	2	34.600	1.6	0.50
Siemens Dimension	2	16.000	7.1	1.00



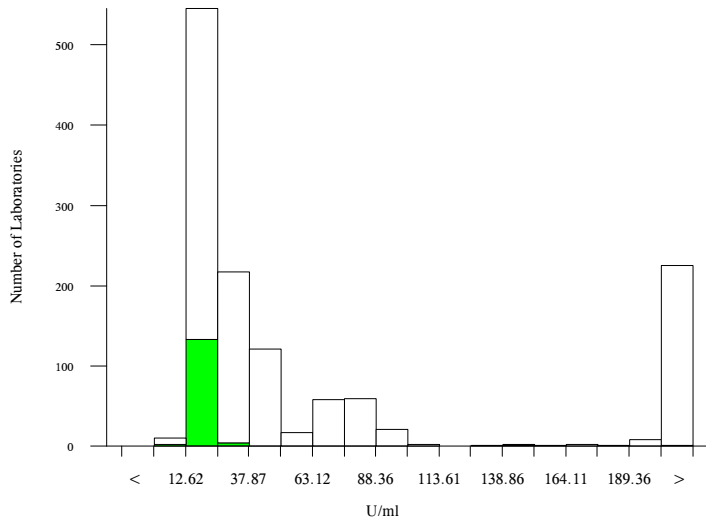


# CA 19-9, U/ml

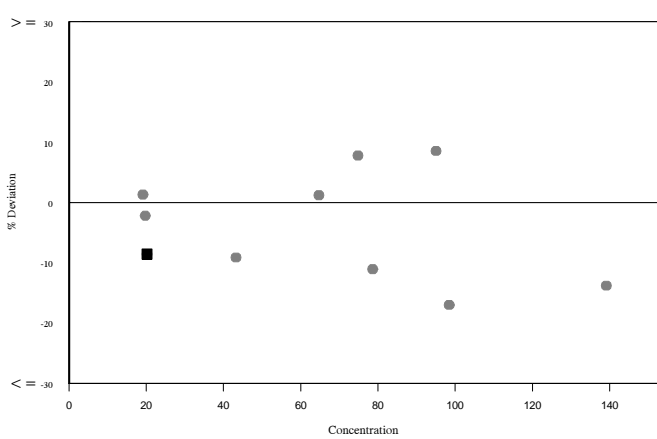
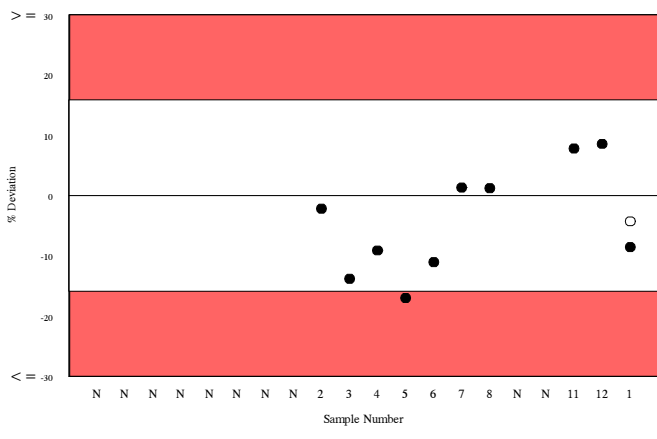
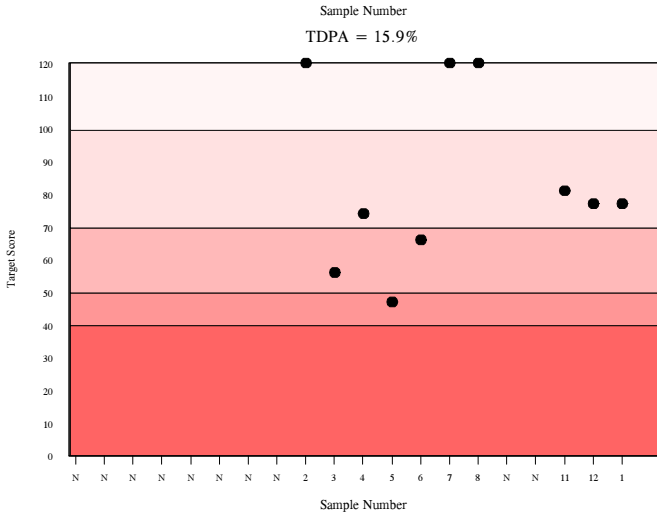
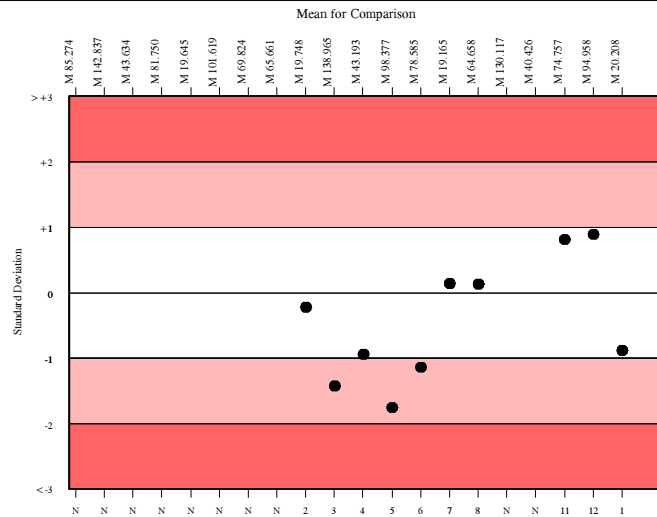
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1087	47.037	109.8	1.96	4.95a	203
Roche Cobas 4000/e411	114	20.208	8.1	0.19	1.95	27

▲ Your Result	18.480	SDI	-0.88
		RMSDI	-0.44
■ Mean for Comparison	20.208	TS	77
		RMTS	83
		%DEV	-8.5
		RM%DEV	-4.3

Acceptable limits derived from Biological Variation	46.03%
Acceptable limits of performance for RIQAS	15.90%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	258	19.794	5.1	0.08
Beckman Dxl 600/800	147	28.000	7.8	0.23
Abbott Architect	132	228.410	7.0	1.74
Roche Cobas 4000/e411	114	20.208	8.1	0.19
Siemens Centaur XP/XPT/Classic	113	76.535	8.7	0.79
bioMerieux, VIDAS	71	42.692	3.8	0.24
Abbott Architect XR/ XR2 / XRL	68	229.358	6.2	2.15
Siemens/DPC Immulite 2000/2500	33	24.627	9.6	0.51
Roche Elecsys	30	20.162	7.9	0.36
Beckman Access/LXi725	25	30.155	6.8	0.51
Ortho Vitros 3600/5600/ECi	25	48.944	4.5	0.55
TOSOH	11	16.036	8.7	0.53
CIS, IRMA	13	30.957	6.5	0.69
Siemens Centaur CP	11	83.155	8.4	2.63
Siemens/DPC Immulite 1000	11	24.945	19.4	1.82
DiaSorin, Liaison	9	49.348	16.0	3.28
DiaSorin Liaison XL	9	48.141	4.6	0.92
Roche Modular E170	10	20.279	5.1	0.41
Fujirebio Lumipulse G Series	9	40.100	5.8	0.97
SNIBE Maglumi analysers	7	15.114	5.5	0.40
DRG ELISA	2	35.500	53.8	16.87



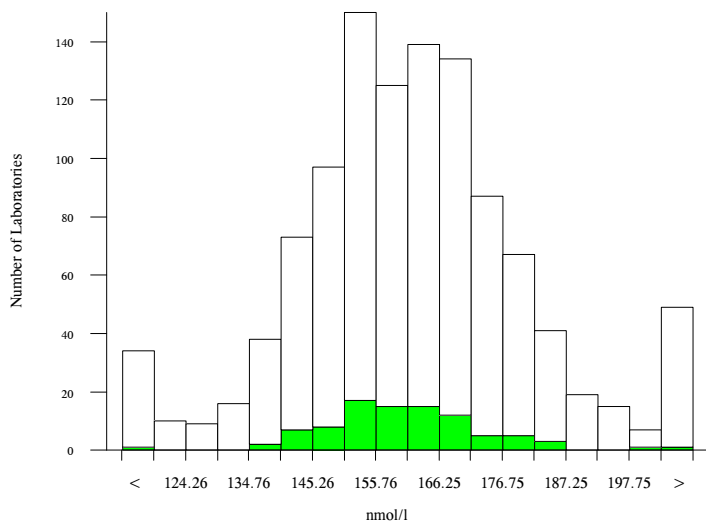


# Cortisol, nmol/l

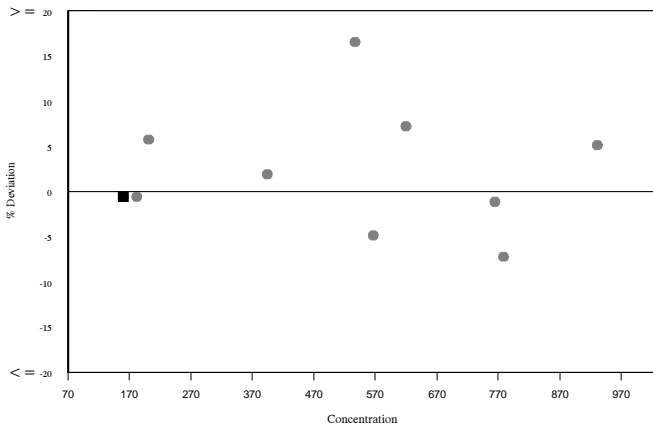
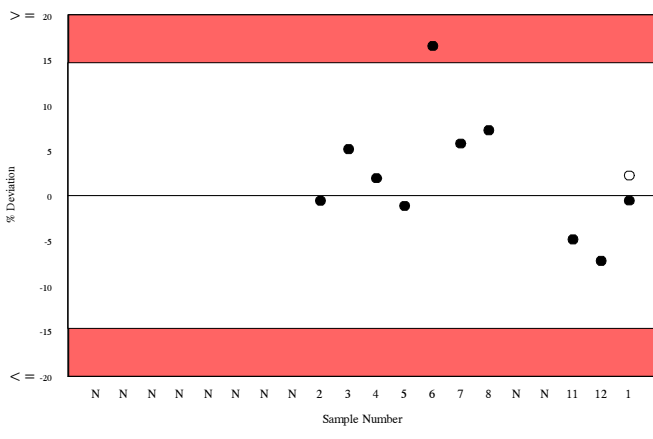
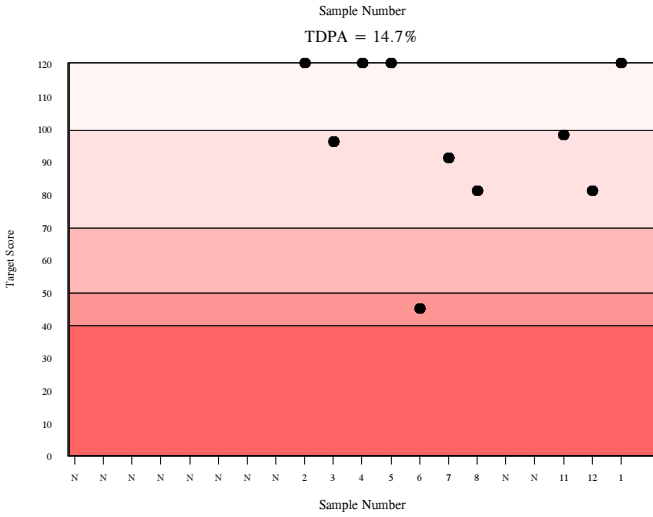
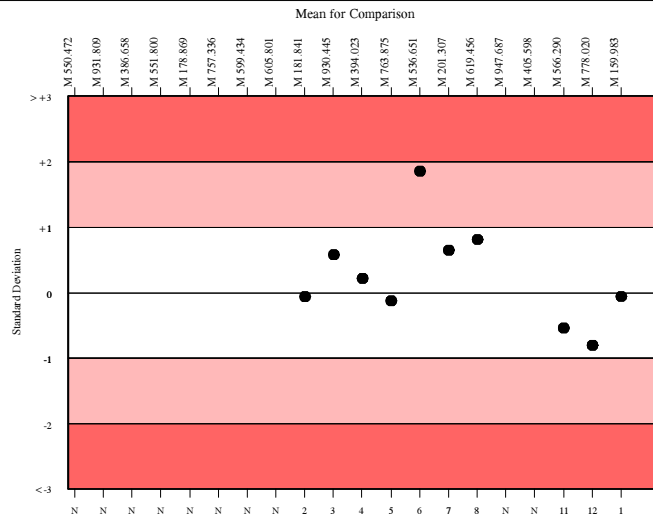
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	949	161.009	8.7	0.57	14.39	161
Roche Cobas 4000/e411	77	159.983	6.4	1.45	14.30	15

▲ Your Result	159.100	SDI	-0.06
		RMSDI	0.25
■ Mean for Comparison	159.983	TS	120
		RMTS	97
		%DEV	-0.6
		RM%DEV	2.2

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



Method	N	Mean	CV%	U <sub>m</sub>
Abbott Architect	181	166.072	5.6	0.87
Roche Cobas 6000/8000 Gen II	136	150.058	4.4	0.70
Beckman Dxi 600/800	116	167.562	6.3	1.23
Roche Cobas 6000/8000	93	152.302	5.0	0.99
Siemens Centaur XP/XPT/Classic	97	171.044	7.8	1.70
Roche Cobas 4000/e411	77	159.983	6.4	1.45
Siemens/DPC Immulite 2000/2500	47	170.342	9.4	2.91
Roche Cobas 4000/e411 Gen II	25	160.825	3.5	1.43
Roche Elecsys	25	157.120	9.2	3.63
Beckman Access/LXi725	24	177.741	7.2	3.27
bioMerieux, VIDAS	21	117.757	12.4	3.98
Siemens/DPC Immulite 1000	19	164.204	9.3	4.39
Ortho Vitros 3600/5600/ECi	19	135.188	7.0	2.70
Tosoh	14	156.209	5.5	2.85
CIS, RIA	14	138.063	10.0	4.62
SNIBE Maglumi analysers	8	253.911	6.0	6.75
Siemens Centaur CP	8	185.853	13.4	11.00
DiaSorin, Liaison	8	218.004	11.4	10.98
Roche Modular E170 Gen II	5	156.808	4.8	4.23
Roche Modular E170	5	151.454	5.9	4.97
Roche Elecsys Gen II	2	168.213	2.8	4.14

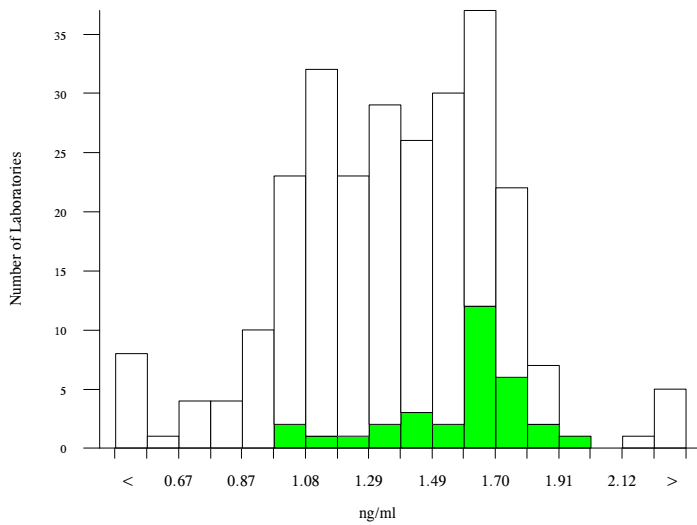


# C-Peptide, ng/ml

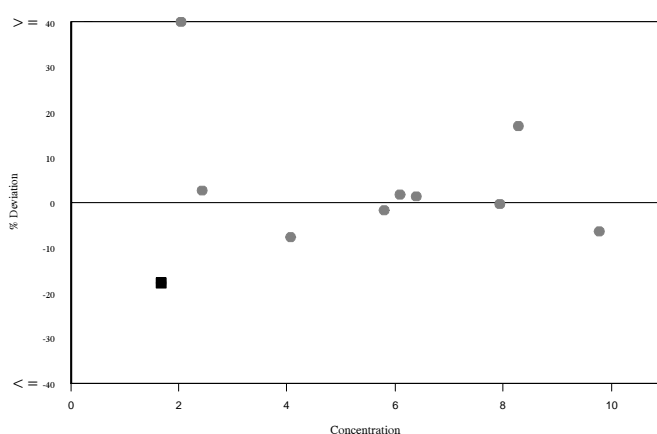
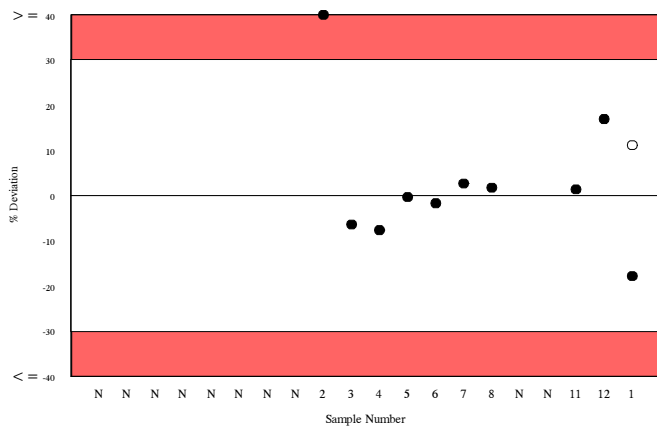
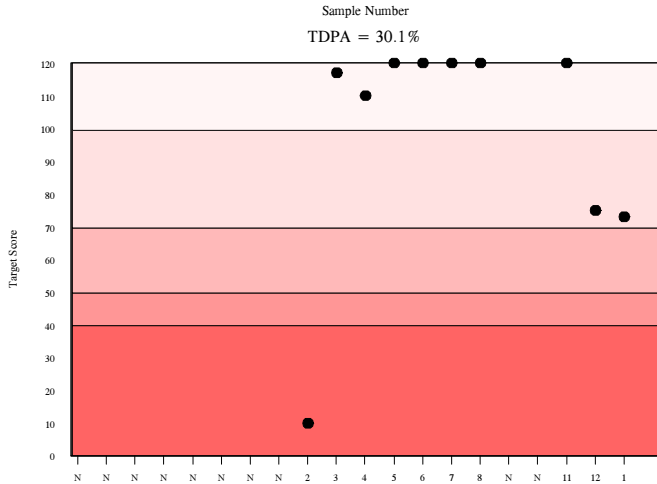
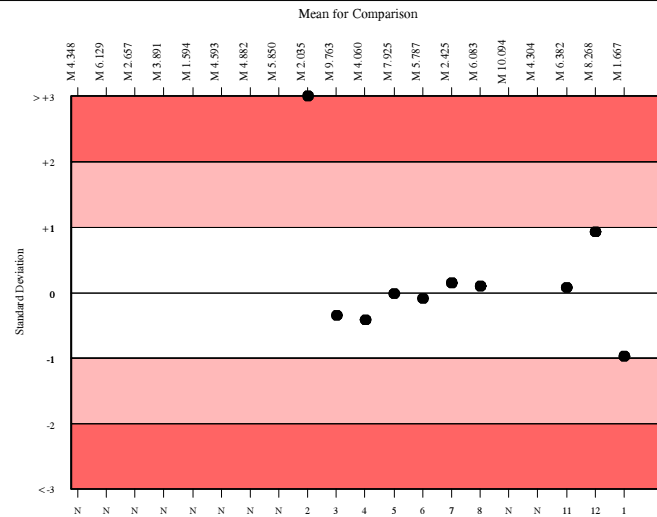
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	220	1.396	19.8	0.02	0.26	43
Roche Cobas 4000/e411	24	1.667	6.8	0.03	0.30	8

▲ Your Result	1.370	SDI RMSDI	-0.97 0.61
■ Mean for Comparison	1.667	TS RMTS	73 98
		%DEV RM%DEV	-17.8 11.2

Acceptable limits derived from Biological Variation	20.8%
Acceptable limits of performance for RIQAS	30.10%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	57	1.613	7.8	0.02
Abbott Architect	30	1.333	8.3	0.03
Siemens/DPC Immulite 2000/2500	29	1.112	9.2	0.02
Roche Cobas 4000/e411	24	1.667	6.8	0.03
Siemens Centaur XP/XPT/Classic	22	1.065	12.7	0.04
TOSOH	7	1.280	10.8	0.07
Siemens/DPC Immulite 1000	6	1.059	9.7	0.05
DiaSorin, Liaison	6	1.592	11.5	0.09
Roche Elecsys	5	1.434	14.3	0.11
DiaSorin Liaison XL	6	1.825	18.1	0.17
SNIBE Maglumi analysers	6	1.542	4.0	0.03
ELISA	2	1.030	37.1	0.34
Roche Modular E170	3	1.597	1.3	0.01
Siemens Centaur CP	2	0.950	20.8	0.17
DIAsource, RIA	2	1.445	32.8	0.42
DRG ELISA	1	0.514	0.0	0.00
Fujirebio Lumipulse G Series	2	1.360	4.2	0.05
Monobind Inc. ELISA / CLIA	1	0.450	0.0	0.00

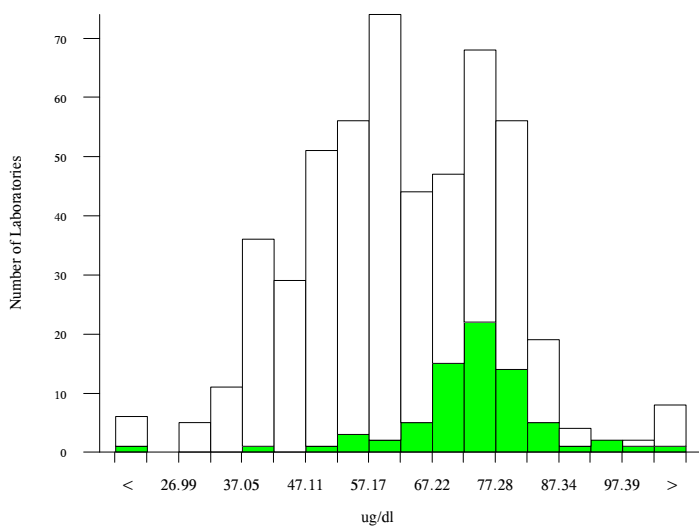


# DHEA-S, ug/dl

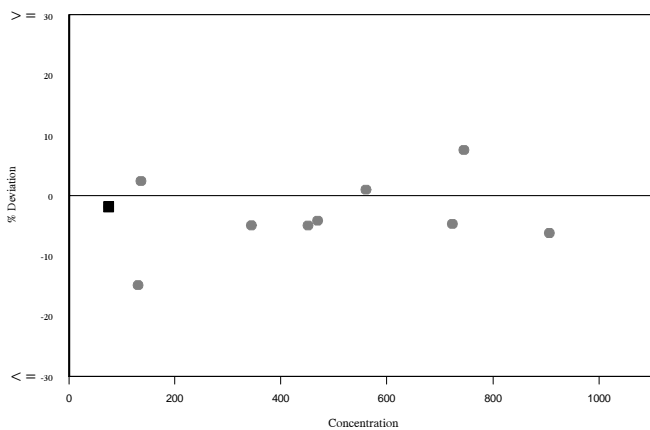
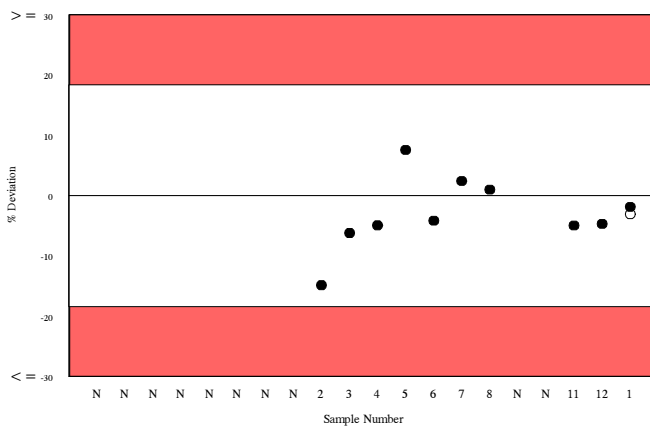
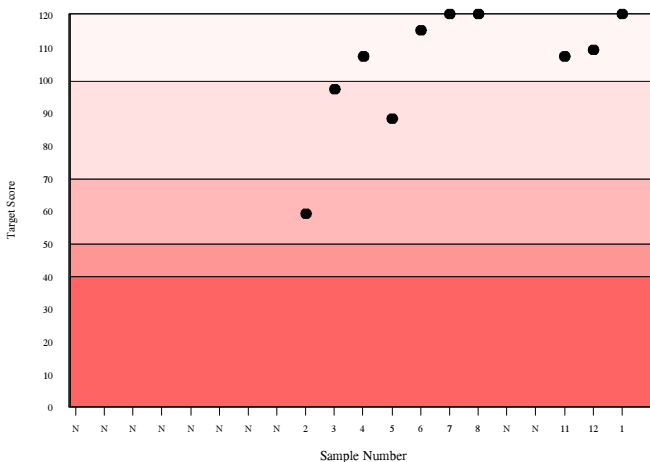
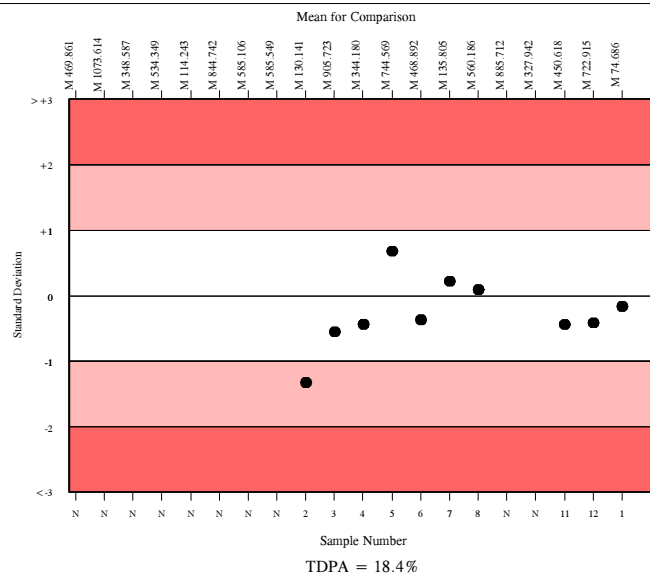
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	445	62.199	21.6	0.79	6.96	74
Roche Cobas 4000/e411	54	74.686	8.6	1.09	8.35	21

▲ Your Result	73.290	SDI RMSDI	-0.17 -0.27
■ Mean for Comparison	74.686	TS RMTS	120 104
		%DEV RM%DEV	-1.9 -3.1

Acceptable limits derived from Biological Variation	10.9%
Acceptable limits of performance for RIQAS	18.40%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	99	75.477	6.8	0.65
Abbott Architect	77	58.643	5.2	0.43
Roche Cobas 4000/e411	54	74.686	8.6	1.09
Beckman DxI 600/800	53	54.638	8.5	0.79
Siemens/DPC Immulite 2000/2500	47	41.816	12.5	0.96
Siemens Centaur XP/XPT/Classic	22	47.168	10.3	1.29
Roche Elecsys	16	76.488	8.6	2.06
Siemens/DPC Immulite 1000	9	40.305	19.7	3.30
TOSOH	6	62.650	0.8	0.25
Beckman Access/LXi725	6	57.399	15.0	4.39
DiaSorin, Liaison	6	40.290	5.4	1.10
SNIBE Maglumi analysers	6	82.653	7.1	2.97
ELISA	4	75.270	8.8	4.13
Immunotech RIA	5	47.265	5.9	1.55
DiaSorin Liaison XL	5	41.874	9.8	2.28
Roche Modular E170	4	73.254	7.4	3.41

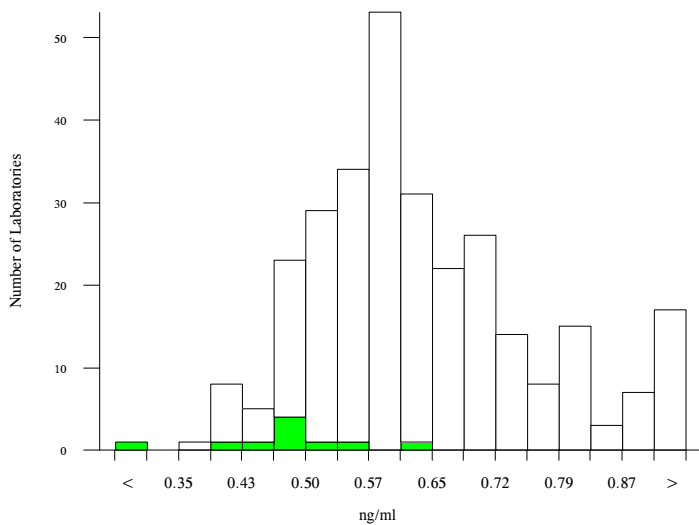


# Digoxin, ng/ml

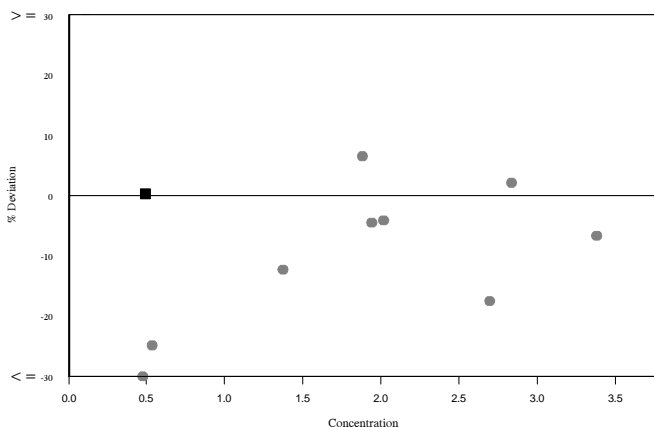
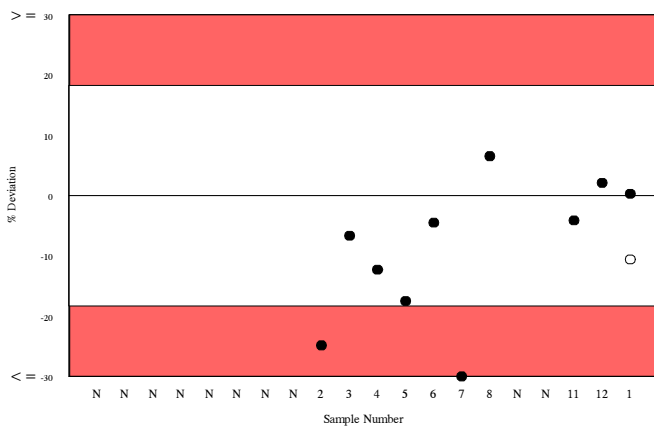
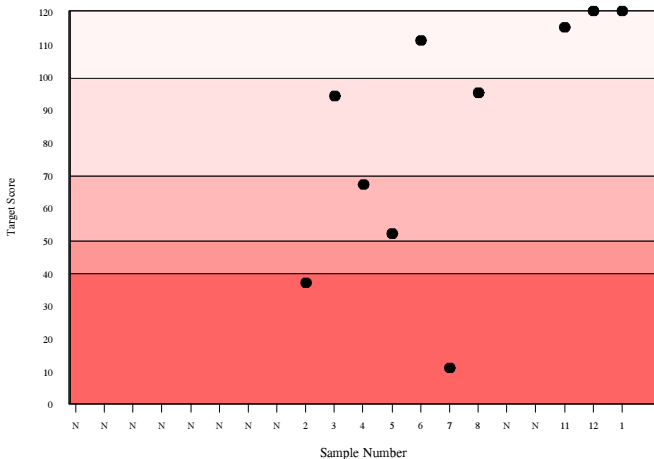
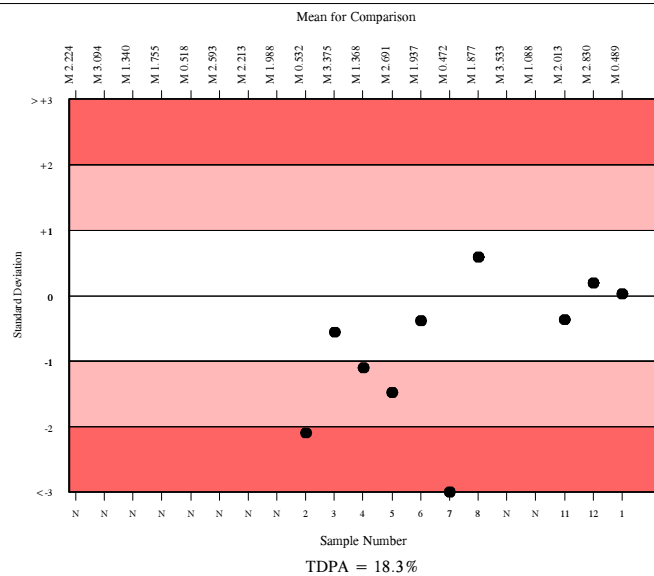
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	248	0.614	16.0	0.01	0.07	53
bioMerieux, VIDAS	7	0.489	8.7	0.02	0.06a	3

▲ Your Result	0.490	SDI	0.02
		RMSDI	-0.90
■ Mean for Comparison	0.489	TS	120
		RMTS	82
		%DEV	0.3
		RM%DEV	-10.6

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	18.30%



Method	N	Mean	CV%	U <sub>m</sub>
Abbott Architect (CMIA)	66	0.542	8.0	0.01
Roche Cobas E601/602/801	34	0.636	7.3	0.01
Roche Cobas C501/502/701	21	0.660	12.8	0.02
Siemens Centaur XP/XPT/Classic	19	0.794	9.9	0.02
Beckman DxI 600/800	16	0.610	8.7	0.02
Abbott Architect (PETINIA)	15	0.597	12.9	0.02
Beckman AU400/600/640/2700/5400	11	0.847	15.9	0.05
Roche Cobas 4000/e411	8	0.700	4.9	0.02
bioMerieux, VIDAS	7	0.489	8.7	0.02
Roche Integra	8	0.677	12.1	0.04
Siemens Dimension	8	0.573	12.0	0.03
Beckman DxC	5	0.566	10.0	0.03
Roche Elecsys	4	0.637	5.5	0.02
Siemens ADVIA 1200/1650/1800/2400	6	0.638	22.4	0.07
Siemens/DPC Immulite 2000/2500	3	0.484	10.0	0.04
Vitros	4	0.861	12.4	0.07
Siemens/DPC Immulite 1000	1	3.900	0.0	0.00
Roche Cobas 4000/c311	2	0.633	14.2	0.08
Roche Modular E170	3	0.688	10.0	0.05
Beckman Access/LXi725	2	0.635	3.3	0.02
Abbott AxSYM	2	0.625	14.7	0.08



**RIQAS**



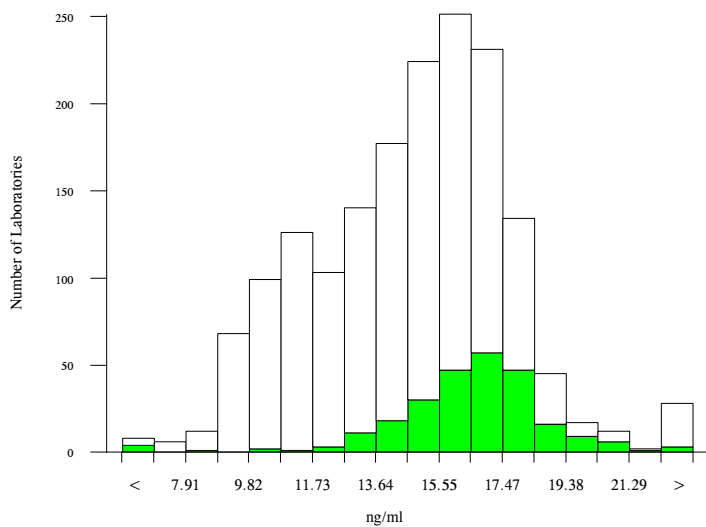
0010

# Ferritin, ng/ml

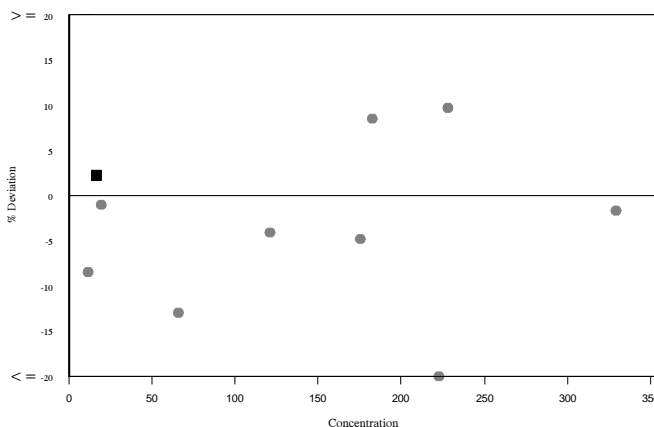
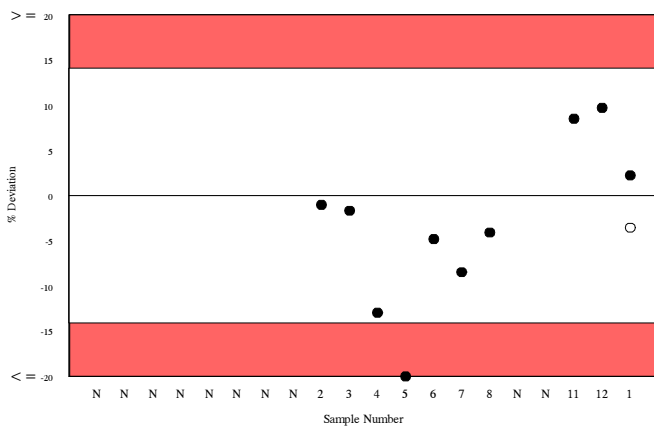
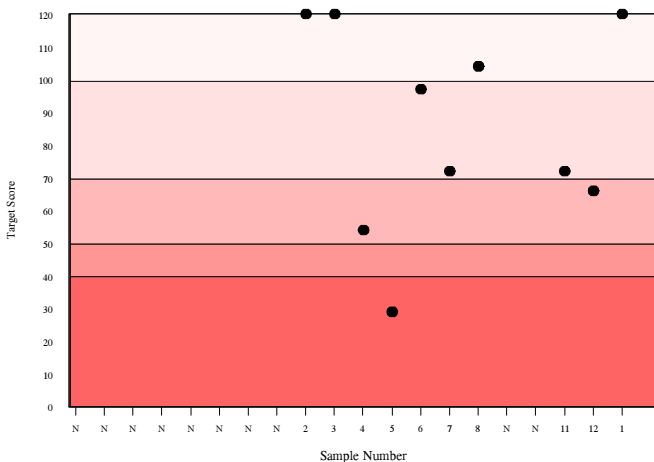
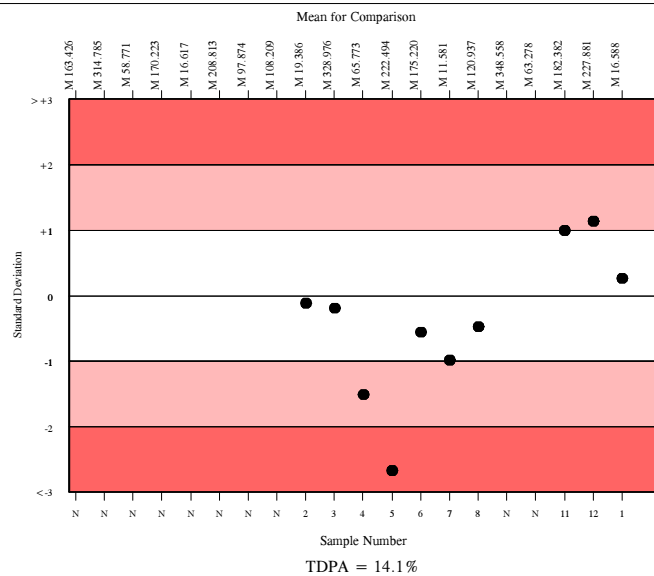
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1539	14.603	17.5	0.08	1.25	145
Roche Elecsys / Cobas e411	219	16.588	9.4	0.13	1.42	37

▲ Your Result	16.960	SDI	0.26
		RMSDI	-0.41
■ Mean for Comparison	16.588	TS	120
		RMTS	85
		%DEV	2.2
		RM%DEV	-3.5

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Modular E170 /Cobas e601/602/801	323	16.339	7.4	0.08
Abbott Architect Chemiluminescence	261	15.607	8.7	0.10
Roche Elecsys / Cobas e411	219	16.588	9.4	0.13
Beckman DxI 600/800	179	10.613	9.0	0.09
Siemens Centaur XP/XPT/Classic	156	13.917	7.4	0.10
Beckman Access/LXi725	50	10.394	8.4	0.15
bioMerieux, VIDAS	36	12.396	10.4	0.27
Ortho Vitros 3600/5600/ECi	35	11.768	7.2	0.18
Siemens/DPC Immulite 2000/2500	34	14.319	9.4	0.29
Roche Cobas C501/502/701	28	16.825	7.2	0.29
Siemens Centaur CP	25	12.496	11.7	0.36
Tosoh	21	10.166	8.3	0.23
Roche Cobas 4000/c311	16	15.646	10.2	0.50
Beckman AU400/600/640/2700/5400	14	15.662	12.2	0.64
Siemens/DPC Immulite 1000	13	13.246	13.7	0.63
Siemens Dimension	14	15.961	13.5	0.72
DiaSorin, Liaison	10	13.935	10.5	0.58
Fujirebio Lumipulse G Series	8	8.563	6.8	0.26
Roche Integra	6	19.455	23.8	2.36
DiaSorin Liaison XL	7	15.540	4.4	0.32
SNIBE Maglumi analysers	6	14.192	8.0	0.58

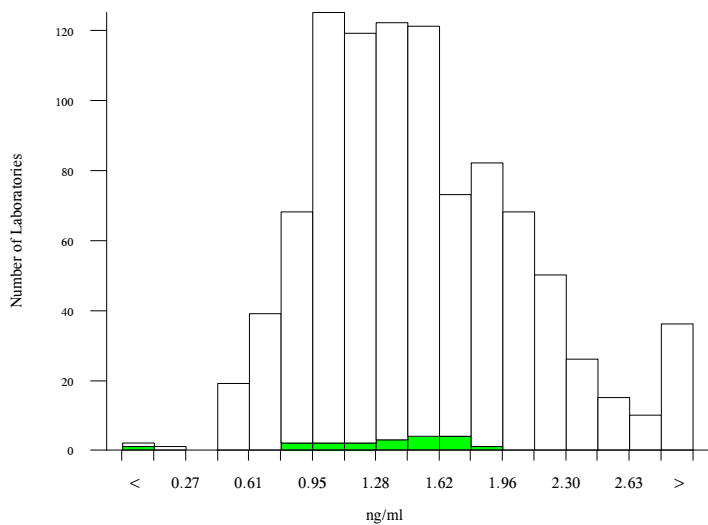
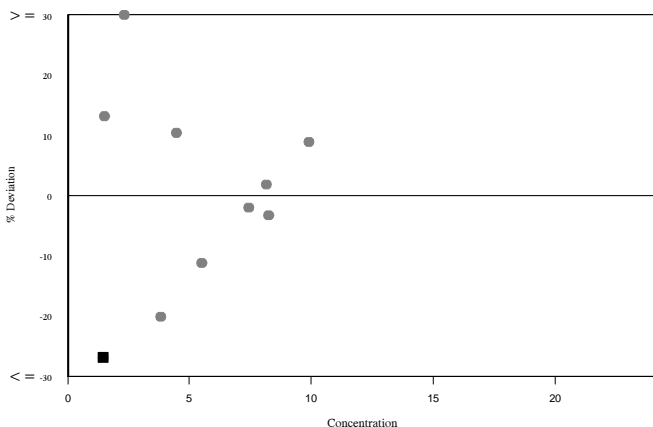
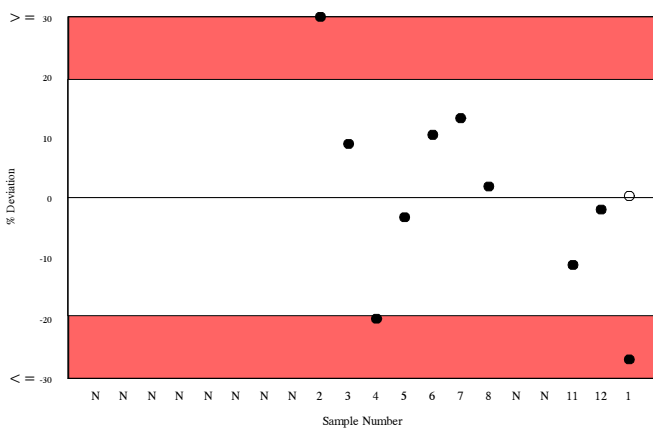
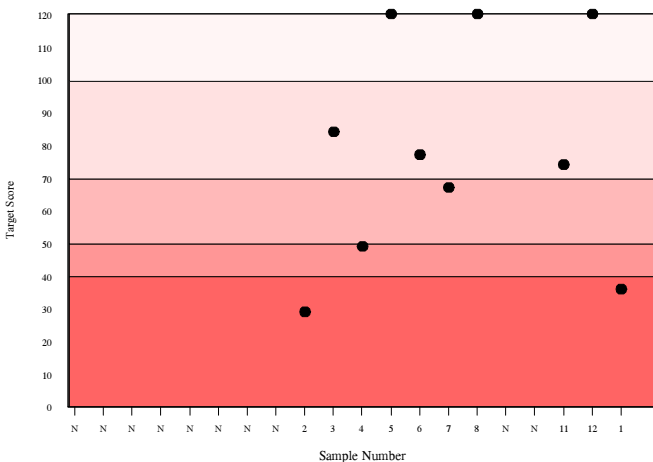
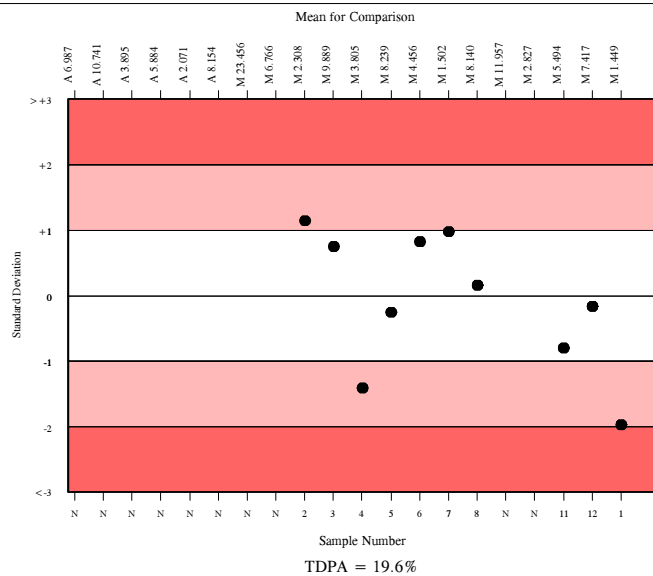


# Folate, ng/ml

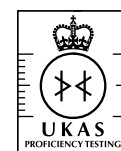
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	851	1.457	30.9	0.02	0.17	136
Roche Folate III - 04476433	15	1.449	20.3	0.09	0.20a	4

▲ Your Result	1.060	SDI	-1.98
		RMSDI	-0.08
■ Mean for Comparison	1.449	TS	36
		RMTS	77
		%DEV	-26.9
		RM%DEV	0.3

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



Method	N	Mean	CV%	U <sub>m</sub>
Abbott Architect	189	1.829	22.5	0.04
Siemens Centaur XP/XPT/Classic(enhanced)	87	2.116	12.4	0.04
Roche Cobas 6000/8000	81	1.438	20.9	0.04
Roche Cobas 6000/8000 Folate III	83	1.422	14.1	0.03
Beckman DxI 600/800 - A98032	78	1.014	17.1	0.02
Beckman DxI 600/800 - A14208	61	1.019	18.4	0.03
Roche Folate III - 07559992	59	1.389	17.4	0.04
Roche Cobas 4000/e411	40	1.112	29.0	0.06
Roche cobas 4000/e411 Folate III	30	1.316	28.6	0.09
Beckman Access/LXi725	27	1.057	15.7	0.04
Siemens/DPC Immulite 2000	29	1.304	13.0	0.04
Ortho Vitros 3600/5600/ECi	19	1.666	24.3	0.12
Roche Folate III - 04476433	15	1.449	20.3	0.09
Roche Elecsys	10	0.968	28.6	0.11
TOSOH	9	2.604	23.9	0.26
Roche Modular E170	7	1.432	25.9	0.17
Siemens Dimension	3	0.558	9.3	0.04
Siemens Centaur CP (enhanced kit)	2	1.907	15.4	0.26
MP Biomedicals RIA	3	1.057	4.9	0.04
Roche Modular E170 Folate III	3	1.733	25.6	0.32
SNIBE Maglumi Analyser	3	1.182	10.6	0.09



**RIQAS**

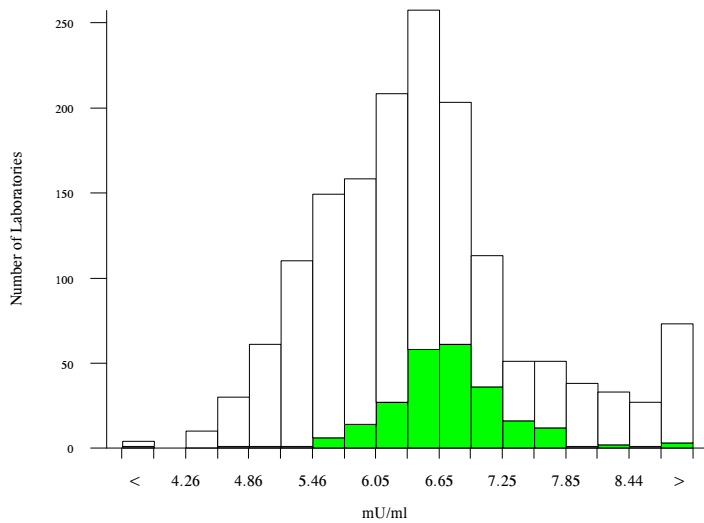


# FSH, mU/ml

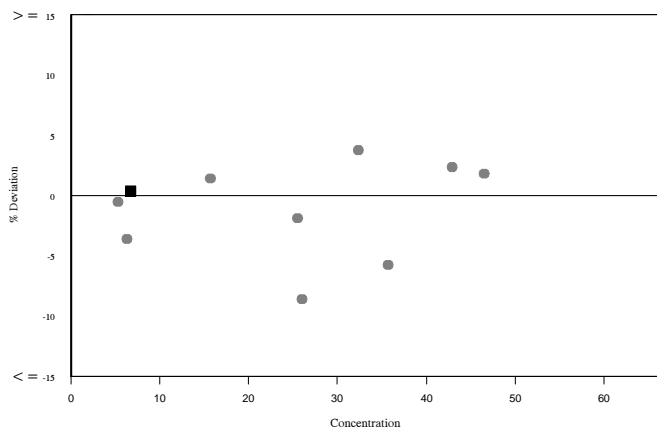
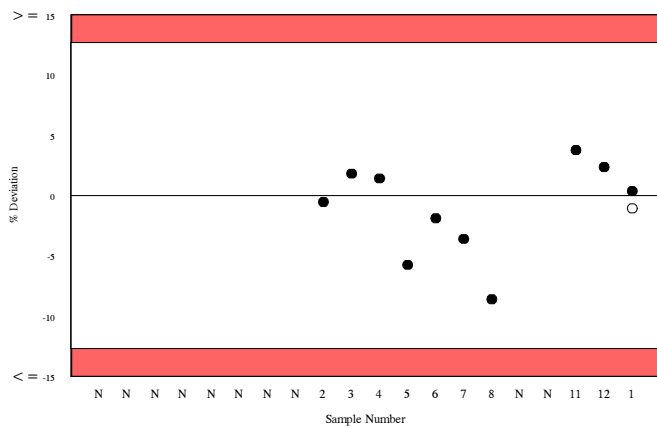
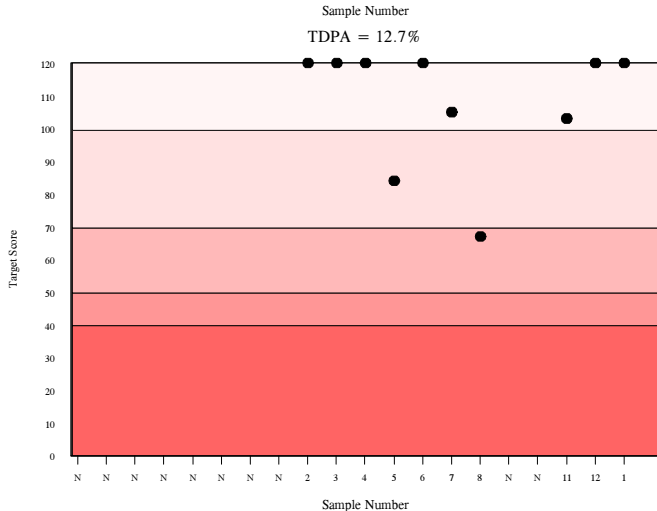
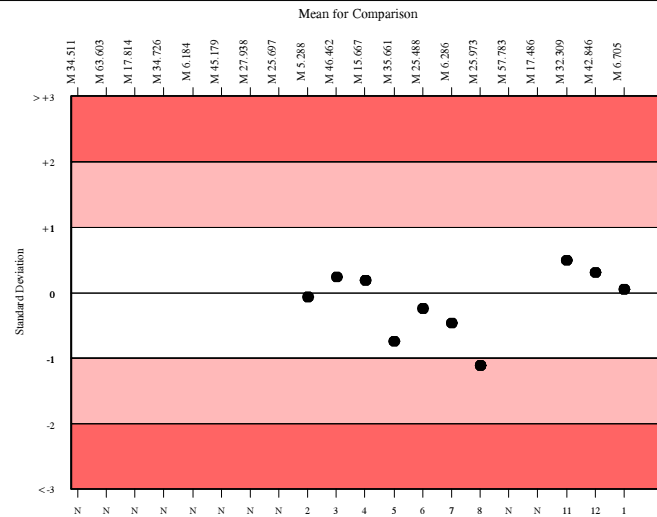
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1389	6.358	12.5	0.03	0.49	187
Roche Cobas 4000/e411	213	6.705	6.6	0.04	0.52	28

▲ Your Result	6.730	SDI	0.05
		RMSDI	-0.14
■ Mean for Comparison	6.705	TS	120
		RMTS	107
		%DEV	0.4
		RM%DEV	-1.1

Acceptable limits derived from Biological Variation	21.19%
Acceptable limits of performance for RIQAS	12.70%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	298	6.377	5.0	0.02
Abbott Architect	243	5.471	5.0	0.02
Roche Cobas 4000/e411	213	6.705	6.6	0.04
Beckman DxI 600/800	146	6.665	5.8	0.04
Siemens Centaur XP/XPT/Classic	134	8.478	7.3	0.07
bioMerieux, VIDAS	72	6.308	9.3	0.09
Beckman Access/LXi725	48	6.452	5.4	0.06
Siemens/DPC Immulite 2000/2500	44	6.321	7.1	0.08
Roche Elecsys	35	6.723	10.1	0.14
Ortho Vitros 3600/5600/ECi	31	4.761	3.6	0.04
Siemens Centaur CP	18	5.517	6.0	0.10
Siemens/DPC Immulite 1000	19	6.556	6.8	0.13
Tosoh	17	7.429	7.0	0.16
DiaSorin, Liaison	15	7.576	9.9	0.24
Roche Modular E170	11	6.245	5.7	0.13
SNIBE Maglumi analysers	10	6.641	8.1	0.21
Fujirebio Lumipulse G Series	8	4.925	2.6	0.06
DIAsource, IRMA	4	7.965	3.9	0.19
DiaSorin Liaison XL	4	9.443	15.0	0.89
ELISA	2	8.040	7.7	0.55
Immunotech IRMA	3	5.207	4.9	0.19



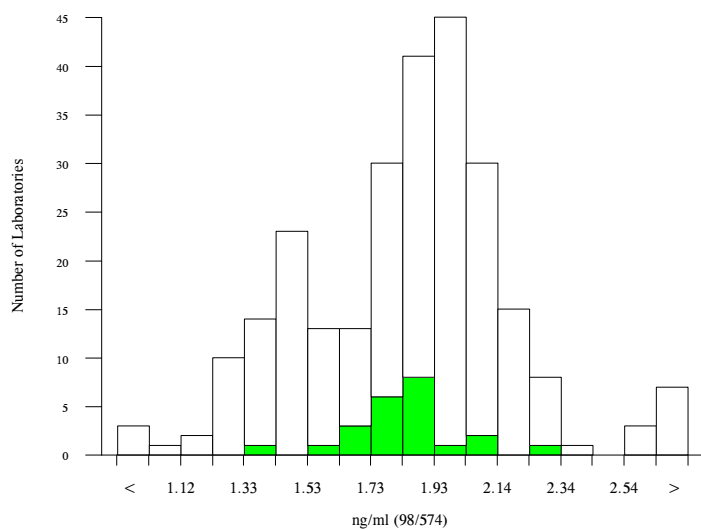
**RIQAS**

# GH, ng/ml (98/574)

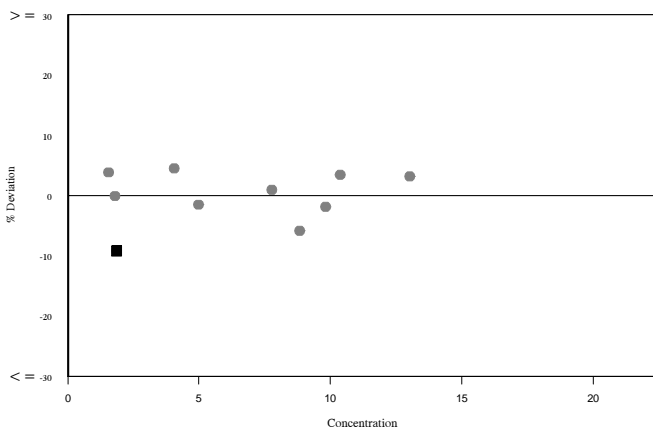
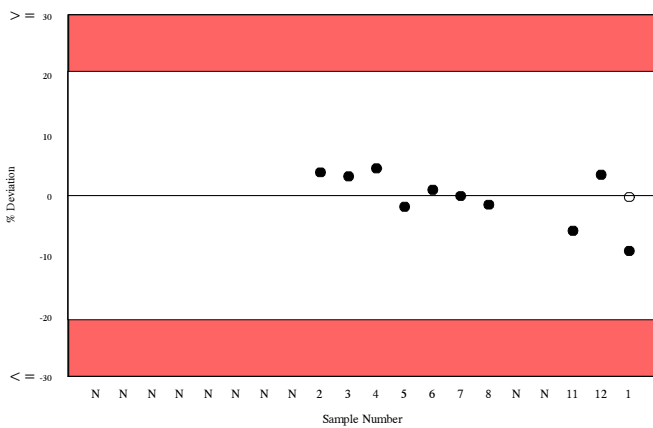
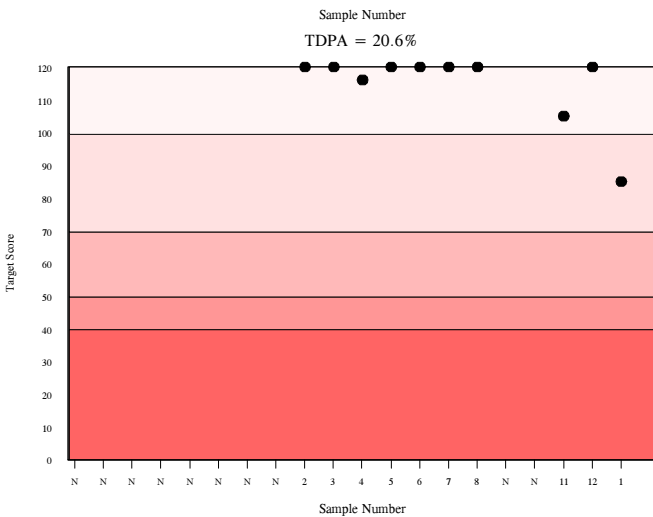
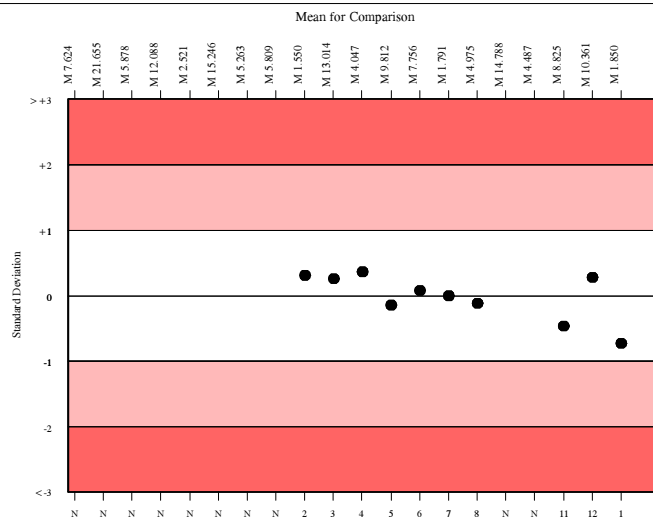
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
<span style="color: black;">□</span> All Methods	216	1.838	14.7	0.02	0.23	43
<span style="color: green;">■</span> Roche Cobas 4000/e411	15	1.850	5.0	0.03	0.23	8

<span style="color: black;">▲</span> Your Result	1.680	SDI RMSDI	-0.73 -0.02
<span style="color: green;">■</span> Mean for Comparison	1.850	TS RMTS	85 114
		%DEV RM%DEV	-9.2 -0.2

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	20.60%



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000/2500	81	2.041	5.7	0.02
Roche Cobas 6000/8000	27	1.819	4.8	0.02
Siemens/DPC Immulite 1000	21	1.931	9.6	0.05
Beckman Dxi 600/800	20	1.421	5.6	0.02
Roche Cobas 4000/e411	15	1.850	5.0	0.03
DiaSorin, Liaison	5	1.442	6.2	0.05
DiaSorin Liaison XL	8	1.435	7.6	0.05
Beckman Access/LXi725	8	1.521	4.5	0.03
IDS iSYS	5	1.555	9.2	0.08
CIS, IRMA	4	1.306	6.7	0.05
Tosoh	2	1.705	0.4	0.01
SNIBE Maglumi analysers	3	2.779	4.1	0.08
DIAsource, IRMA	2	2.255	21.6	0.43
Roche Elecsys	2	1.920	4.4	0.07
Roche Modular E170	1	1.760	0.0	0.00

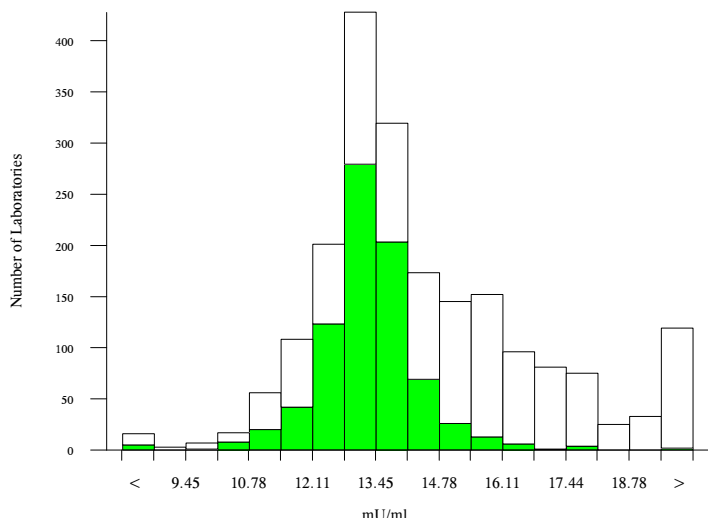


# hCG, mU/ml

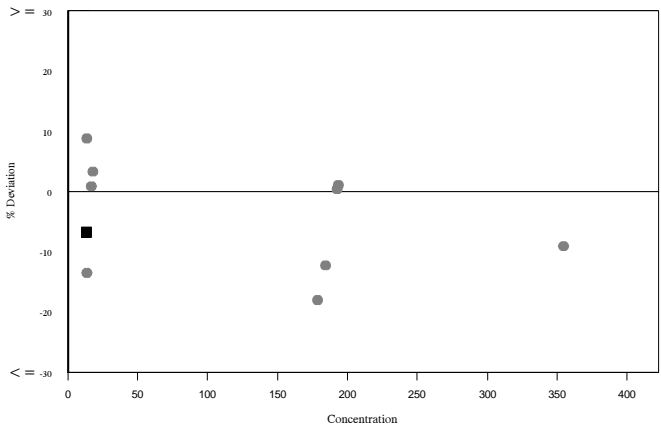
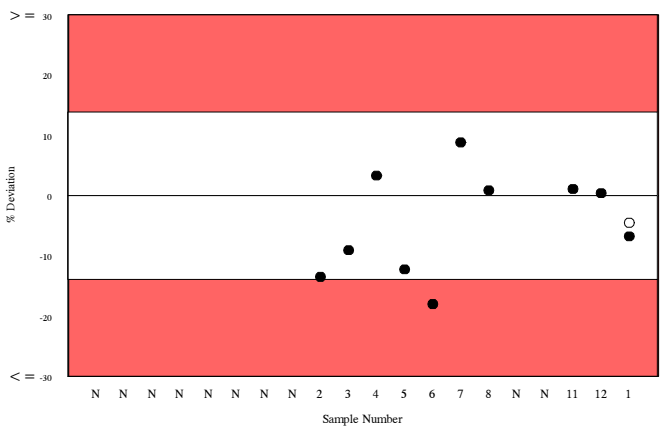
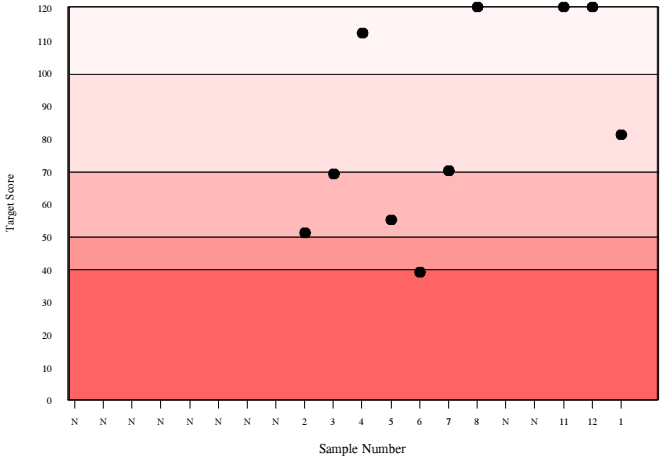
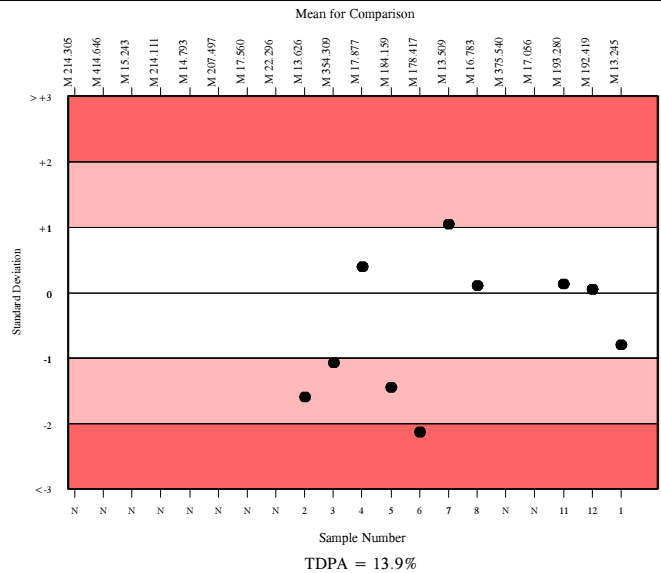
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1812	14.118	12.6	0.05	1.19	241
Roche hCG + Beta	690	13.245	5.3	0.03	1.12	112

▲ Your Result	12.350	SDI	-0.80
		RMSDI	-0.53
■ Mean for Comparison	13.245	TS	81
		RMTS	83
		%DEV	-6.8
		RM%DEV	-4.5

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.90%



Method	N	Mean	CV%	U <sub>m</sub>
Roche hCG+Beta	690	13.245	5.3	0.03
Abbott Architect	329	13.305	7.0	0.06
Siemens Centaur XP/XPT/Classic	146	17.818	6.9	0.13
Beckman DxI 600/800	127	15.865	5.4	0.10
bioMerieux, VIDAS	95	14.633	7.4	0.14
Roche hCG STAT(Intact)	62	12.329	7.1	0.14
Siemens/DPC Immulite 2000	50	23.109	8.0	0.33
Beckman Access Total BhCG (5th IS)	49	15.480	4.8	0.13
Ortho Vitros 3600/5600/ECi	46	16.815	7.7	0.24
Beckman Access/LXi725	36	15.561	4.4	0.14
Beckman DXI Total BhCG (5th IS)	36	16.365	4.8	0.16
Siemens Centaur CP	34	15.702	8.2	0.28
Siemens/DPC Immulite 1000	20	22.498	10.9	0.69
Tosoh	13	16.692	7.5	0.44
Siemens Dimension	9	15.899	2.4	0.16
DiaSorin, Liaison	9	11.250	18.0	0.84
DiaSorin Liaison XL	7	11.396	1.6	0.09
Fujirebio Lumipulse G Series	8	11.313	3.1	0.15
Radiometer AQT90 Flex	8	13.375	5.6	0.33
Roche Cobas Core EIA	7	13.657	2.9	0.19
SNIBE Maglumi analysers	6	9.713	10.6	0.52

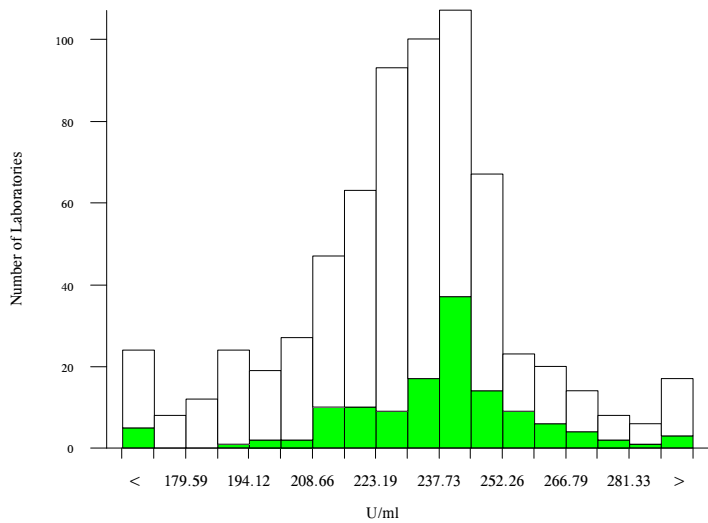


# IgE, U/ml

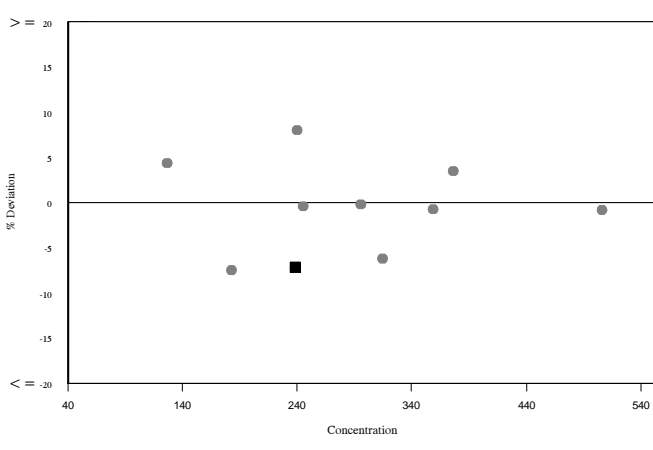
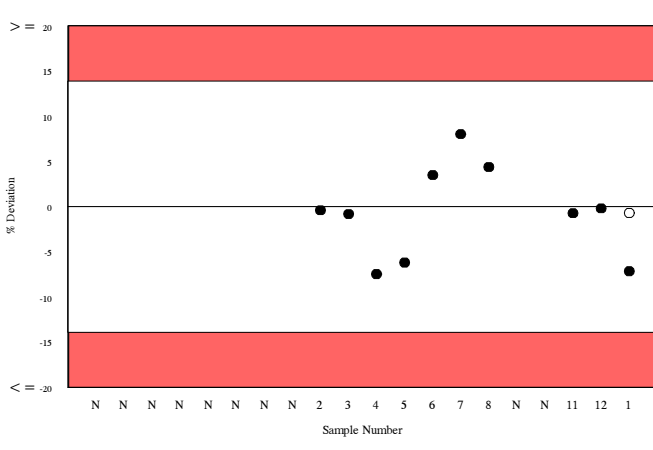
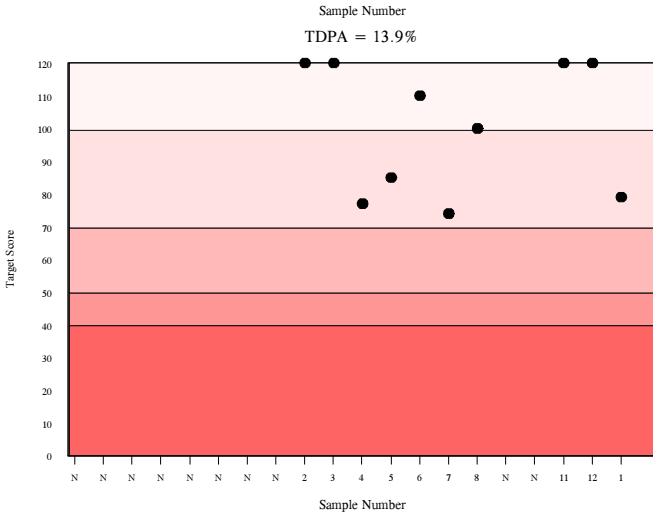
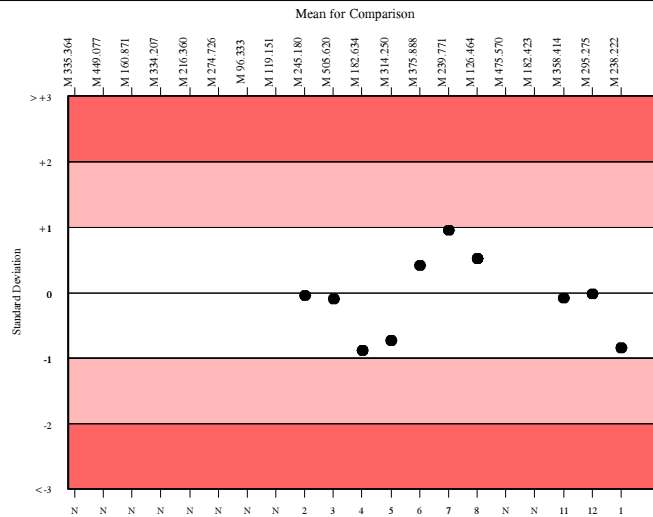
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	578	230.463	8.4	1.01	19.48	101
Roche Cobas 4000/e411	108	238.222	6.1	1.76	20.13	24

▲ Your Result	221.200	SDI	-0.85
		RMSDI	-0.08
■ Mean for Comparison	238.222	TS	79
		RMTS	100
		%DEV	-7.1
		RM%DEV	-0.7

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.90%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	112	235.720	4.0	1.12
Roche Cobas 4000/e411	108	238.222	6.1	1.76
Siemens/DPC Immulite 2000/2500	64	241.359	8.1	3.07
Siemens Centaur XP/XPT/Classic	55	222.810	4.8	1.79
bioMerieux, VIDAS	53	193.325	9.4	3.13
Abbott Architect	44	235.450	4.4	1.95
TOSOH	16	222.832	4.1	2.84
Siemens/DPC Immulite 1000	18	240.647	8.6	6.11
Roche Elecsys	16	228.963	9.3	6.64
Phadia Immucap instruments	17	215.471	8.9	5.80
Beckman Dxi 600/800	11	228.380	7.3	6.26
Fujirebio Lumipulse G Series	6	186.865	2.9	2.80
Roche Modular E170	7	242.659	2.6	2.96
SNIBE Maglumi analysers	5	195.300	4.1	4.46
Biomed	5	239.260	7.9	10.62
Siemens Centaur CP	6	213.383	7.7	8.33
Siemens/Dade Behring Nephelometer	4	228.250	4.5	6.44
ELISA	2	212.565	20.3	38.21
Beckman Immage	2	179.000	26.9	42.50
Randox RX series Instruments	3	233.447	15.0	25.31
Monobind Inc. ELISA / CLIA	2	228.500	12.7	25.62



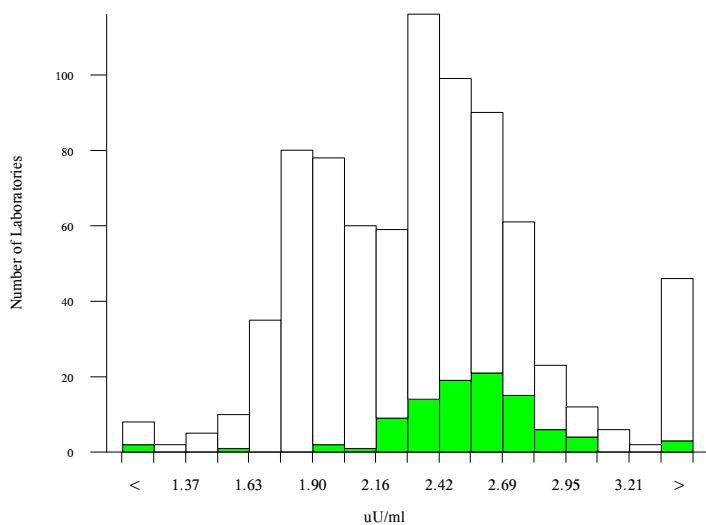
**RIQAS**

# Insulin, uU/ml

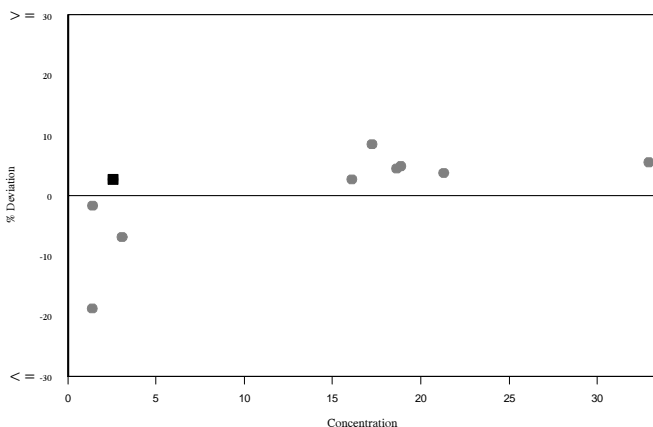
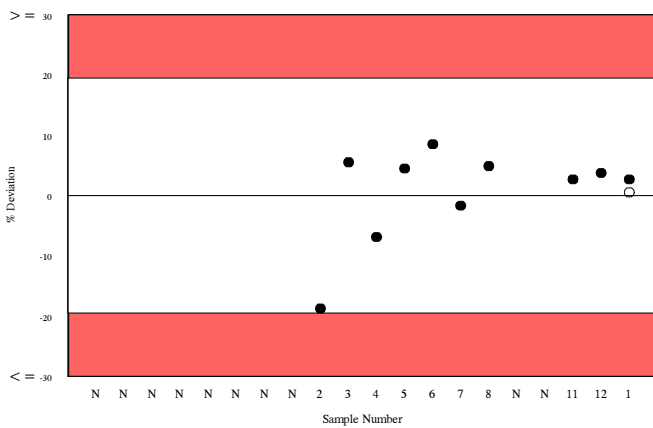
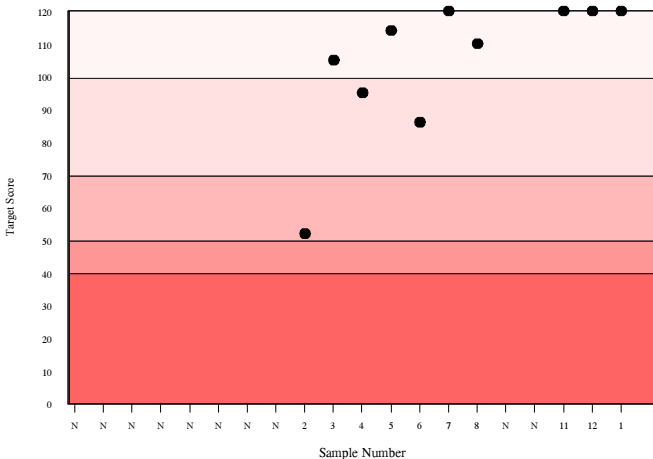
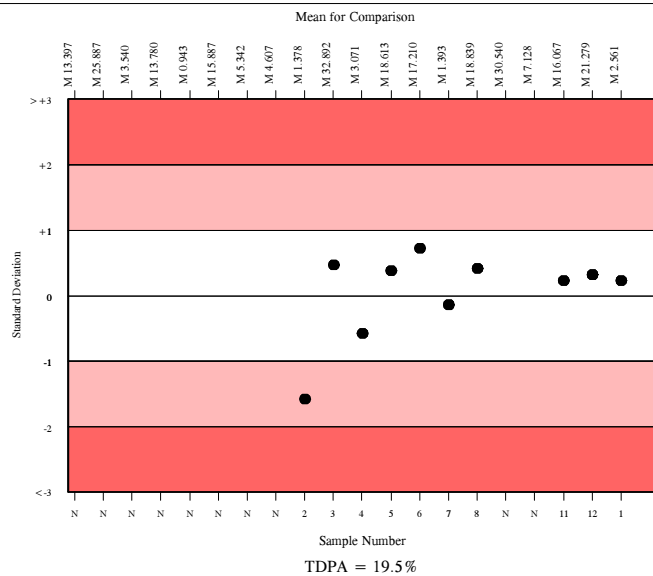
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	685	2.296	15.3	0.02	0.27	110
Roche Cobas 4000/e411	80	2.561	8.1	0.03	0.30	17

▲ Your Result	2.630	SDI	0.23
		RMSDI	0.04
■ Mean for Comparison	2.561	TS	120
		RMTS	104
		%DEV	2.7
		RM%DEV	0.5

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	166	2.567	6.8	0.02
Abbott Architect	140	2.115	7.9	0.02
Beckman Dxi 600/800	93	1.821	7.0	0.02
Roche Cobas 4000/e411	80	2.561	8.1	0.03
Siemens Centaur XP/XPT/Classic	61	2.457	6.3	0.02
Siemens/DPC Immulite 2000	19	3.178	27.8	0.25
Roche Elecsys	20	2.542	10.2	0.07
Tosoh	15	2.139	12.3	0.08
Beckman Access/LXi725	14	1.874	5.5	0.03
Siemens/DPC Immulite 1000	13	2.561	21.2	0.19
Roche Modular E170	10	2.459	7.0	0.07
SNIBE Maglumi analysers	7	5.308	2.9	0.07
DiaSorin, Liaison	7	2.014	7.8	0.07
Siemens Centaur CP	5	2.164	5.7	0.07
Fujirebio Lumipulse G Series	6	2.017	7.9	0.08
Diasource IRMA	3	6.380	23.3	1.07
DiaSorin Liaison XL	3	2.026	17.5	0.26
CIS, RIA Coated tube	2	2.665	23.1	0.54
DRG ELISA	2	1.550	22.8	0.31
Ortho Vitros 3600/5600/ECi	2	1.680	1.7	0.02

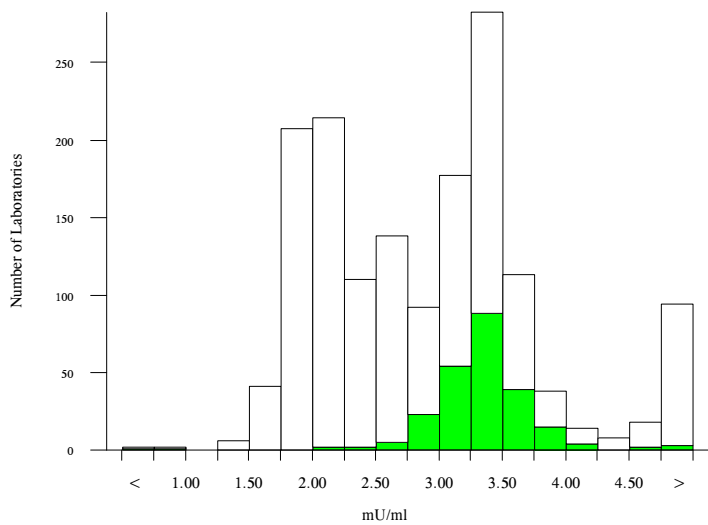


# LH, mU/ml

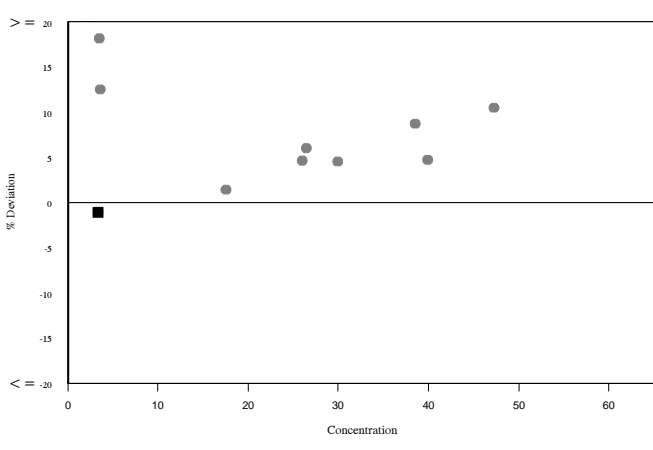
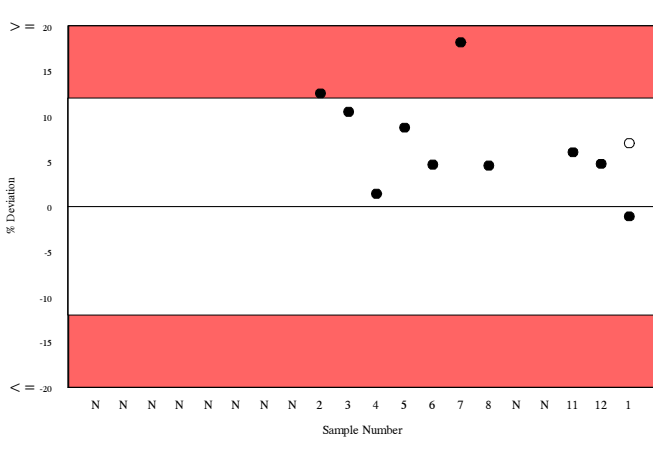
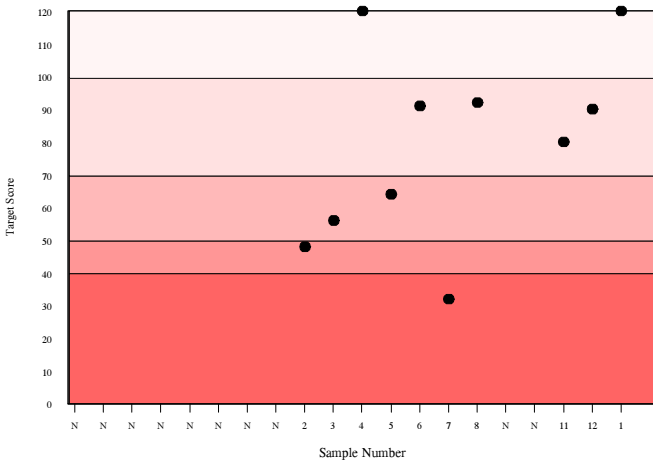
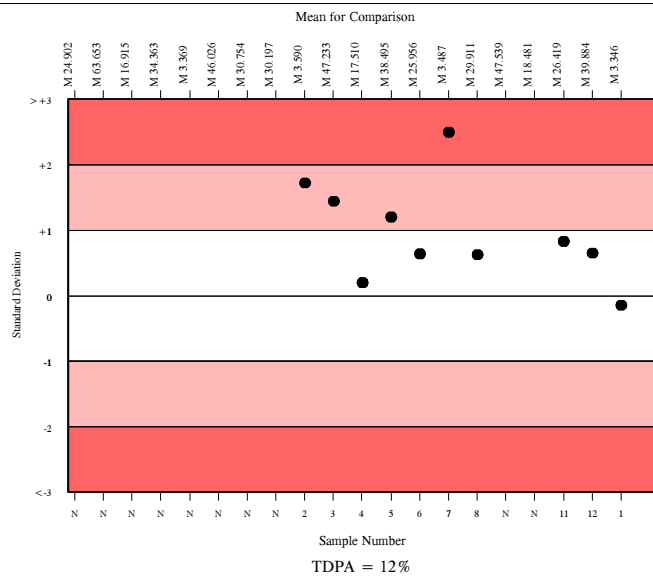
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1364	2.756	24.2	0.02	0.20	192
Roche Cobas 4000/e411	204	3.346	7.6	0.02	0.24	35

▲ Your Result	3.310	SDI	-0.15
		RMSDI	0.96
■ Mean for Comparison	3.346	TS	120
		RMTS	79
		%DEV	-1.1
		RM%DEV	7.0

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	306	3.335	5.5	0.01
Abbott Architect	234	2.011	7.0	0.01
Roche Cobas 4000/e411	204	3.346	7.6	0.02
Beckman DxI 600/800	143	1.974	7.8	0.02
Siemens Centaur XP/XPT/Classic	134	2.612	5.5	0.02
bioMerieux, VIDAS	63	2.593	5.3	0.02
Beckman Access/LXi725	48	1.981	9.4	0.03
Siemens/DPC Immulite 2000	39	5.000	6.8	0.07
Roche Elecsys	35	3.270	8.5	0.06
Ortho Vitros 3600/5600/ECi	26	5.836	30.6	0.44
Siemens/DPC Immulite 1000	21	5.321	6.6	0.10
Tosoh	17	2.341	4.0	0.03
Siemens Centaur CP	15	2.403	5.9	0.05
DiaSorin, Liaison	15	3.459	6.6	0.07
Roche Modular E170	14	3.348	6.1	0.07
SNIBE Maglumi analysers	11	3.544	8.4	0.11
Fujirebio Lumipulse G Series	8	2.350	3.9	0.04
DiaSorin Liaison XL	5	3.545	10.0	0.20
DIAsource, IRMA	3	5.403	15.1	0.59
ELISA	2	16.720	84.4	12.47
Immunotech IRMA	3	3.657	11.9	0.32

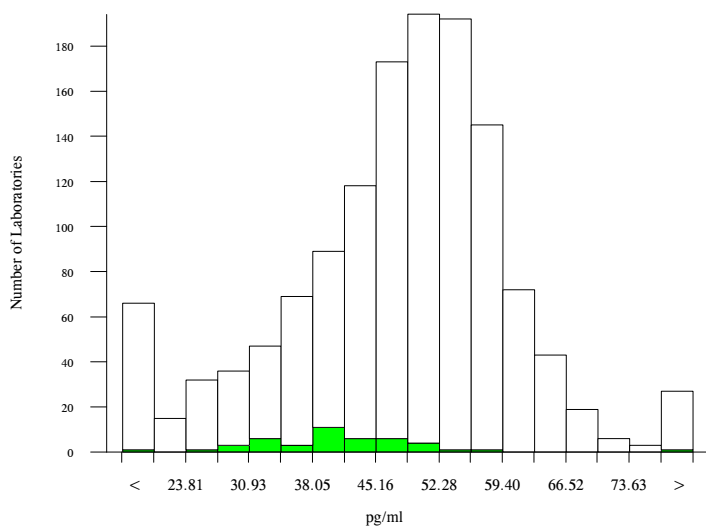


# Oestradiol, pg/ml

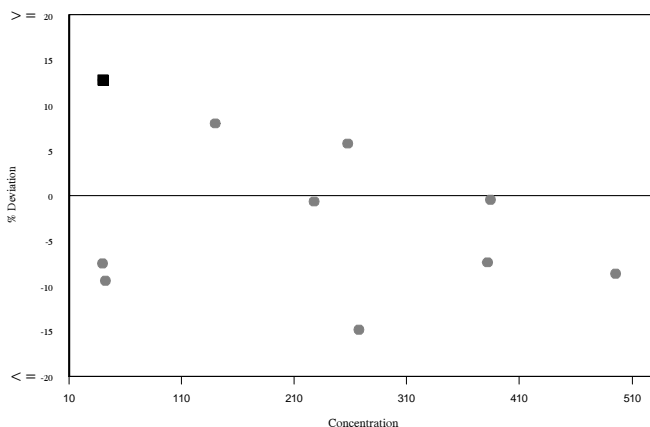
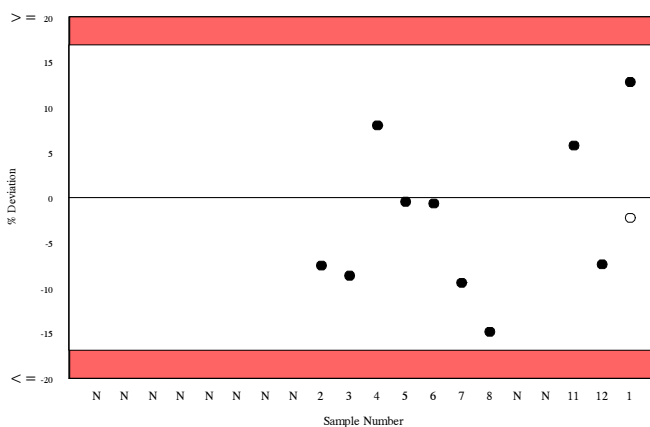
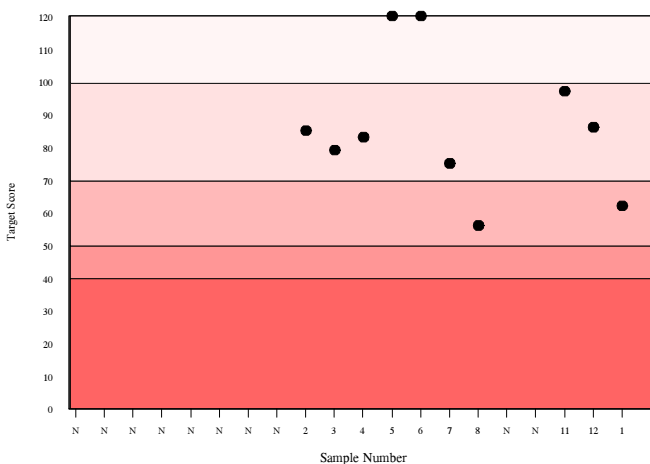
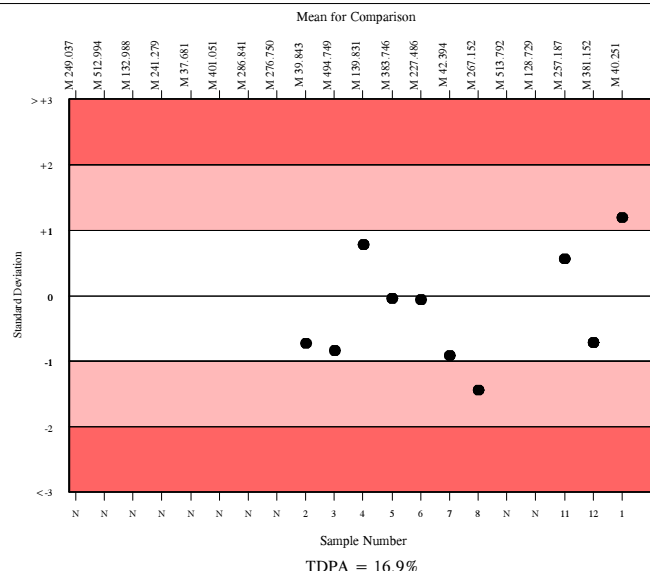
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1166	48.727	19.5	0.35	5.01	188
Siemens/DPC Immulite 2000/2500	35	40.251	15.2	1.29	4.33a	9

▲ Your Result	45.400	SDI	1.19
		RMSDI	-0.22
■ Mean for Comparison	40.251	TS	62
		RMTS	86
		%DEV	12.8
		RM%DEV	-2.2

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



Method	N	Mean	CV%	U <sub>m</sub>
Abbott Architect	208	55.733	8.2	0.40
Roche Cobas 6000/8000 (Estradiol III)	176	49.724	9.9	0.47
Beckman DxI 600/800	129	33.403	28.3	1.04
Roche Cobas 4000/e411 (Estradiol III)	101	47.140	12.2	0.71
Roche Cobas 6000/8000 (Estradiol II)	88	48.692	13.2	0.85
Roche Cobas 4000/e411 (Estradiol II)	75	46.474	17.3	1.16
Siemens Centaur XP/XPT/Classic (eE2)	72	52.289	10.8	0.83
bioMerieux, VIDAS	62	58.711	12.0	1.12
Siemens Centaur XP/XPT/Classic	37	52.888	13.6	1.48
Siemens/DPC Immulite 2000/2500	35	40.251	15.2	1.29
Beckman Access/LXi725	30	33.082	33.1	2.50
Roche Elecsys (Estradiol II)	24	49.465	19.6	2.47
Siemens/DPC Immulite 1000	22	39.349	21.7	2.27
Ortho Vitros 3600/5600/ECi	17	34.247	17.1	1.78
DiaSorin, Liaison	10	30.683	19.9	2.41
Tosoh (iE2-hsE2)	3	18.133	15.1	1.97
Roche Elecsys (Estradiol III)	10	47.695	20.3	3.83
Tosoh (E2)	3	35.090	39.9	10.10
Roche Modular E170 (Estradiol III)	7	47.859	4.8	1.09
SNIBE Maglumi analysers	8	43.078	7.5	1.43
Siemens Centaur CP	8	53.634	22.2	5.27



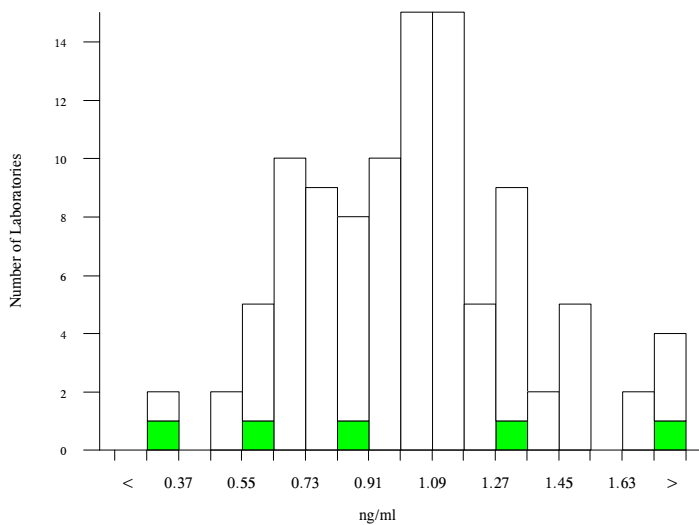
# 17-OH-Progesterone, ng/ml

	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	73	1.004	23.9	0.04	0.24	32
DiaMetra ELISA	1	1.288	0.0	0.00	N/A	4

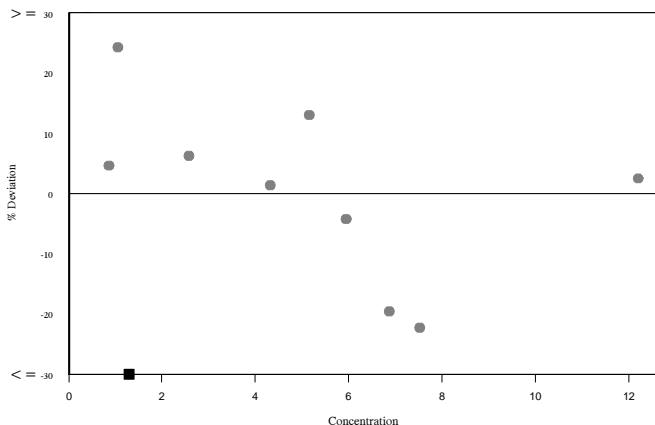
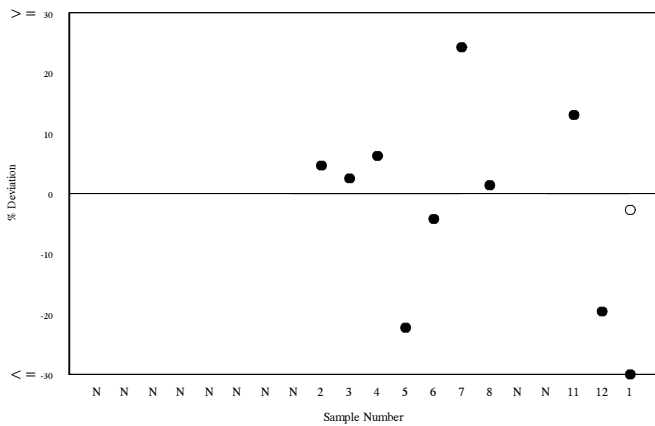
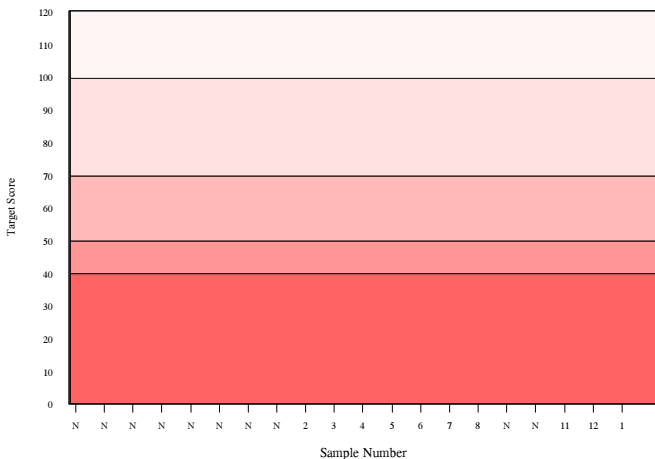
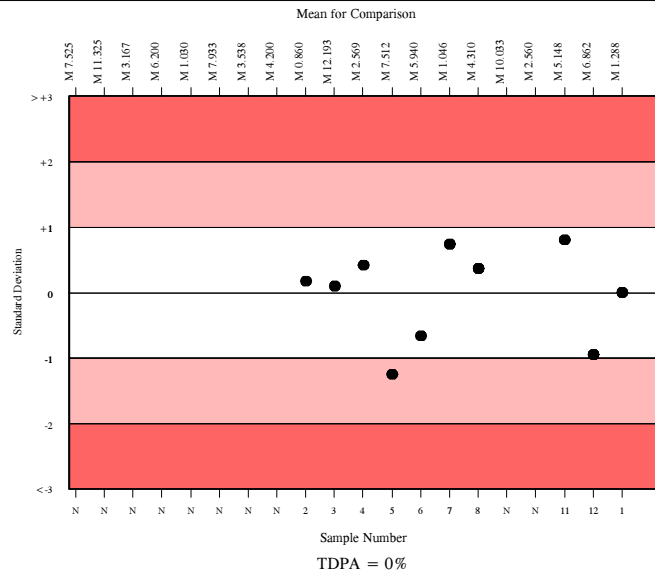
▲ Your Result	0.860	SDI	0.00
		RMSDI	-0.03
■ Mean for Comparison	1.288	TS	N/A
		RMTS	Too Few
		%DEV	-33.2
		RM%DEV	-2.7

**The mean for comparison is not statistically significant**

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



Method	N	Mean	CV%	U <sub>m</sub>
DRG ELISA	20	1.047	12.0	0.04
ELISA	6	0.874	39.5	0.18
DIAsource, ELISA	10	1.118	13.6	0.06
IBL ELISA	4	1.393	17.7	0.15
Immunotech RIA	7	0.709	3.1	0.01
DIAsource, RIA	6	1.156	10.3	0.06
DiaMetra ELISA	1	1.288	0.0	0.00
Novatec ELISA	2	1.065	28.5	0.27
SNIBE Maglumi analysers	4	1.055	19.3	0.13
Beckman Coulter RIA	2	0.765	4.6	0.03



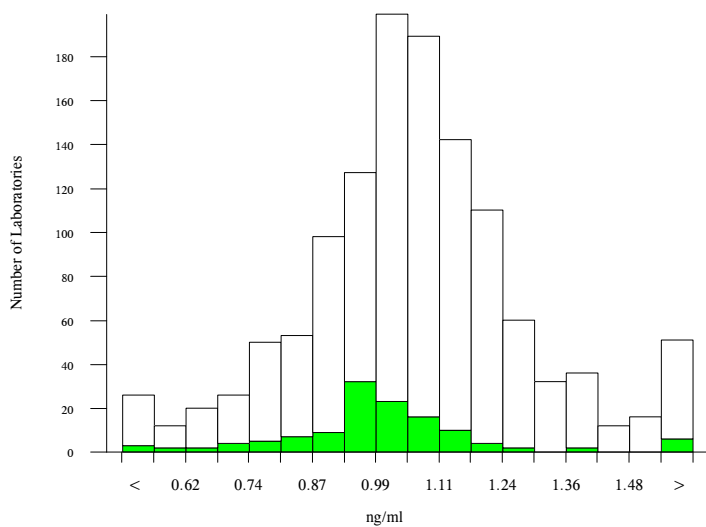


# Progesterone, ng/ml

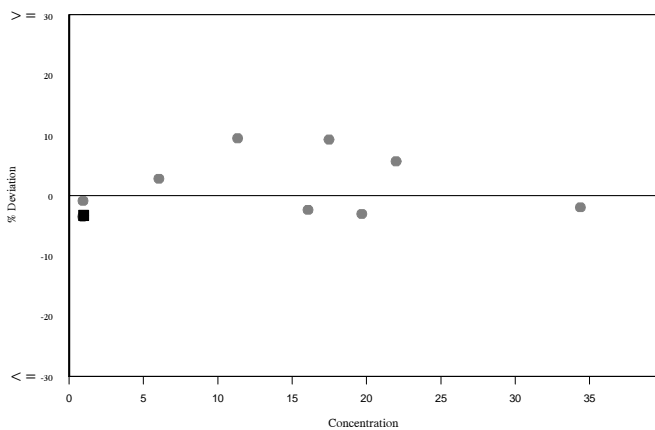
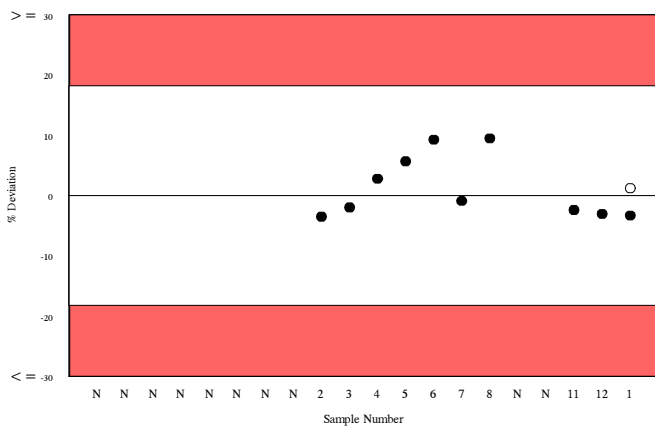
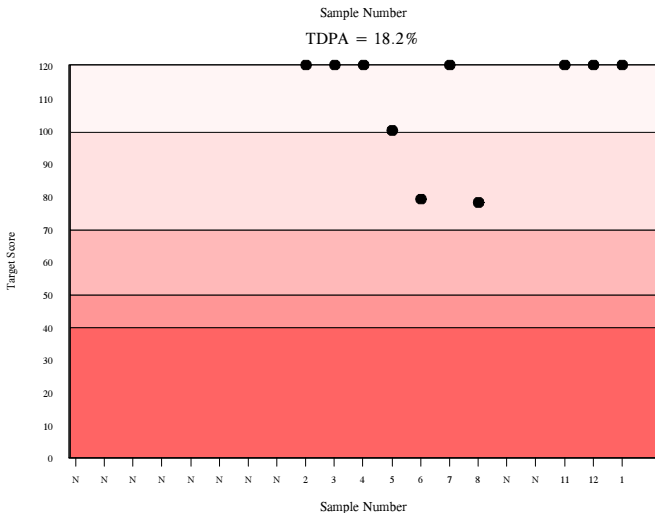
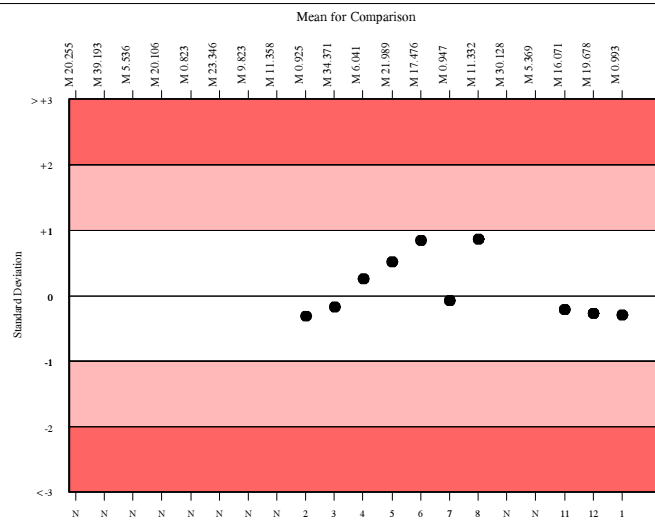
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1079	1.056	15.5	0.01	0.12	180
Roche Cobas 4000/e411 (Prog. II)	103	0.993	11.9	0.01	0.11	24

▲ Your Result	0.960	SDI	-0.30
		RMSDI	0.11
■ Mean for Comparison	0.993	TS	120
		RMTS	109
		%DEV	-3.3
		RM%DEV	1.2

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



Method	N	Mean	CV%	U <sub>m</sub>
Abbott Architect	175	1.103	9.5	0.01
Roche Cobas 6000/8000 (Prog. II)	137	1.085	12.0	0.01
Roche Cobas 6000/8000 (Prog. III)	117	1.090	8.9	0.01
Roche Cobas 4000/e411 (Prog. II)	103	0.993	11.9	0.01
Siemens Centaur XP/XPT/Classic	93	0.872	13.3	0.01
Beckman DXI Prog. Cal 33555	98	1.132	15.9	0.02
bioMerieux, VIDAS	64	1.460	19.3	0.04
Roche Cobas 4000/e411 (Prog. III)	51	1.077	7.7	0.01
Beckman Access Prog. Cal 33555	50	1.149	20.1	0.04
Siemens/DPC Immulite 2000/2500	41	1.070	10.9	0.02
Roche Elecsys (Prog. II)	22	1.024	14.6	0.04
Siemens/DPC Immulite 1000	19	1.036	9.2	0.03
Beckman DXI Prog.DE Cal. A80773	19	0.794	28.5	0.07
Ortho Vitros 3600/5600/ECi	19	0.924	10.4	0.03
Tosoh	13	1.006	9.8	0.03
Siemens Centaur CP	11	0.906	19.0	0.06
DiaSorin, Liaison	8	0.839	11.6	0.04
Roche Modular E170 (Prog. III)	8	1.091	13.0	0.06
SNIBE Maglumi analysers	7	0.840	10.3	0.04
Roche Modular E170 (Prog. II)	4	0.982	15.5	0.09
Beckman Access Prog.DE Cal. A80773	2	1.403	2.3	0.03



**RIQAS**

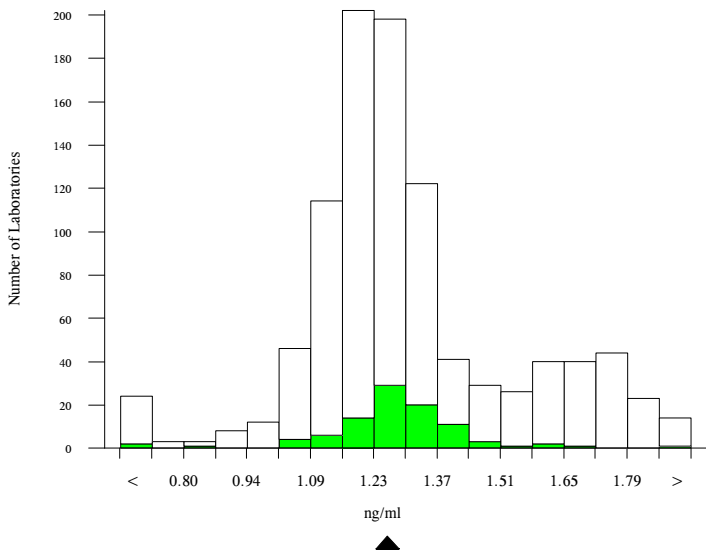


# PSA, Free, ng/ml

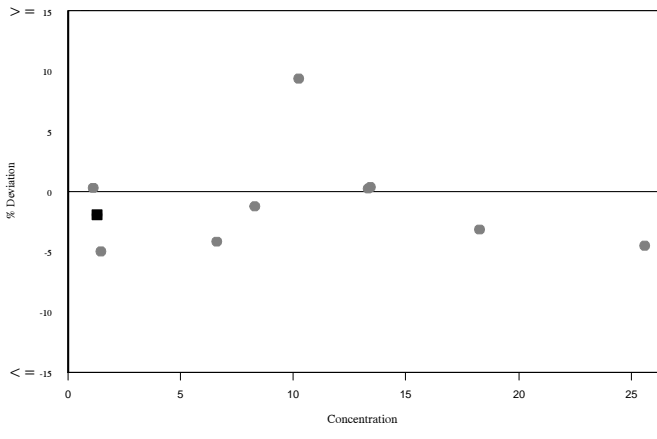
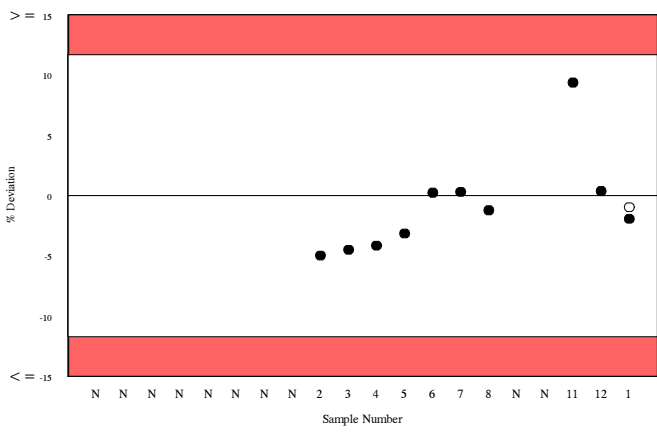
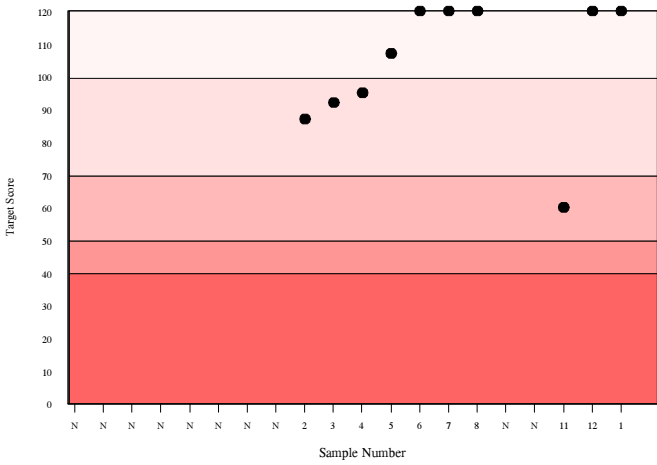
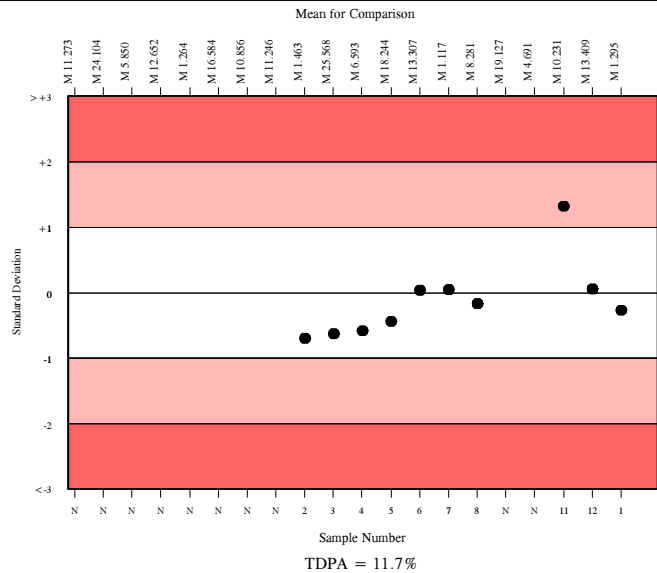
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	860	1.302	14.4	0.01	0.09	130
Roche Cobas 4000/e411	73	1.295	6.5	0.01	0.09	22

▲ Your Result	1.270	SDI	-0.27
		RMSDI	-0.13
■ Mean for Comparison	1.295	TS	120
		RMTS	104
		%DEV	-1.9
		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 <sub>m</sub>
Roche Cobas 6000/8000	210	1.260	4.2	0.00
Abbott Architect	191	1.172	5.1	0.01
Beckman DXI standardised to Hybritech	109	1.683	6.0	0.01
Roche Cobas 4000/e411	73	1.295	6.5	0.01
Siemens Centaur XP/XPT/Classic	82	1.345	5.0	0.01
Beckman Access standardised to Hybritech	32	1.719	6.1	0.02
BioMerieux VIDAS	29	1.638	5.4	0.02
Siemens/DPC Immulite 2000/2500	22	1.093	8.2	0.02
Roche Elecsys	16	1.257	5.7	0.02
DiaSorin, Liaison	14	0.581	15.4	0.03
Siemens/DPC Immulite 1000	8	1.097	4.5	0.02
Roche Modular E170	11	1.280	4.7	0.02
TOSOH	10	1.126	18.6	0.08
Fujirebio Lumipulse G Series	8	1.068	2.5	0.01
Beckman DXI standard to WHO IRP96/670	8	1.384	13.8	0.08
Ortho Vitros 3600/5600/ECi PSA II	5	1.144	1.3	0.01
Ortho Vitros 3600/5600/ECi	7	1.154	6.3	0.03
DiaSorin Liaison XL	6	0.602	7.2	0.02
SNIBE Maglumi analysers	6	1.214	9.9	0.06
CIS, RIA Coated tube	5	1.015	13.4	0.08
Siemens Dimension	4	1.190	1.5	0.01

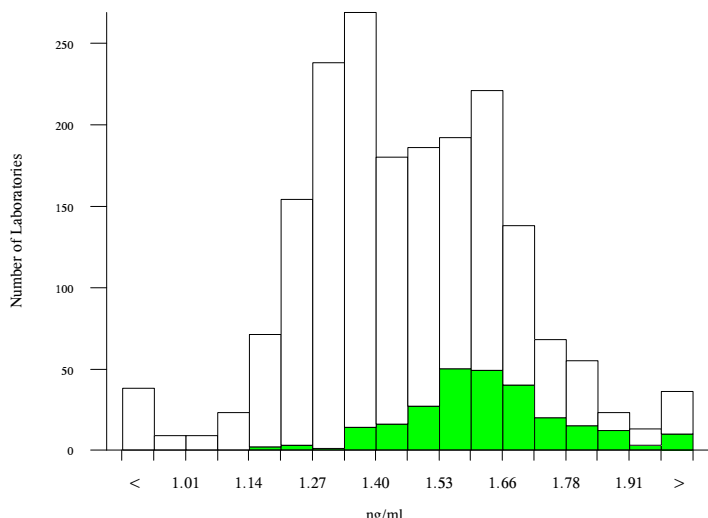


# PSA, Total, ng/ml

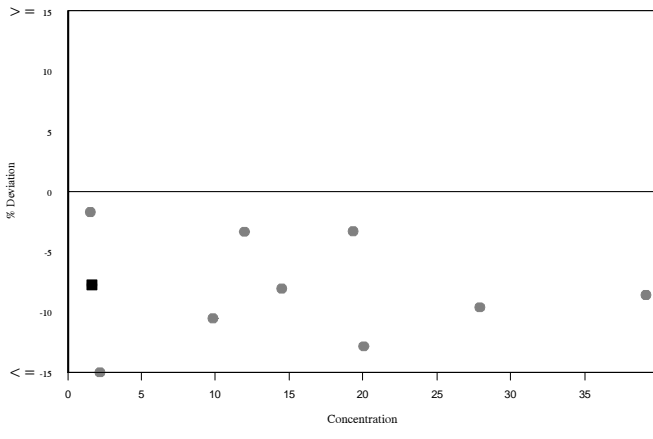
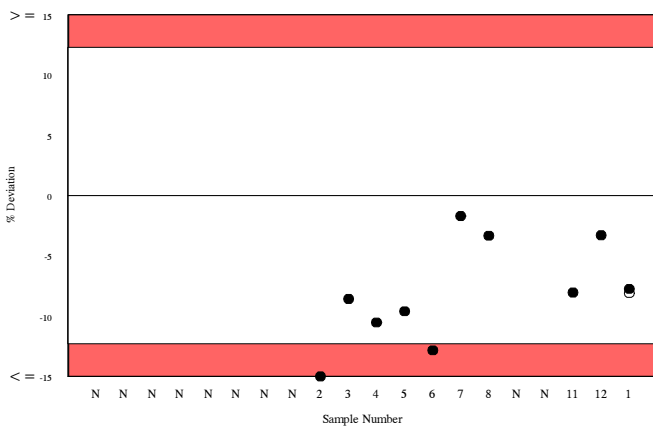
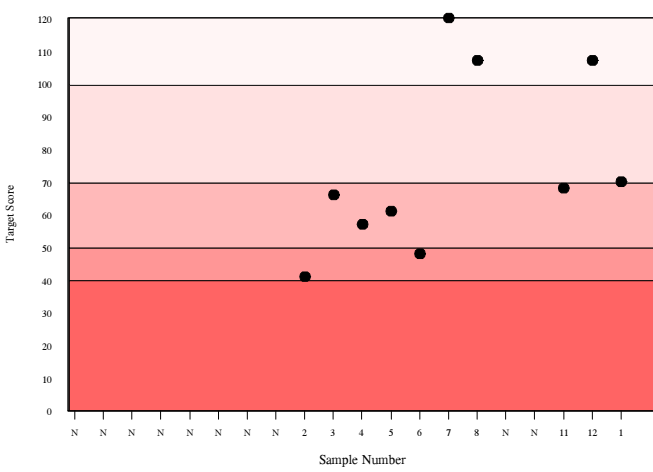
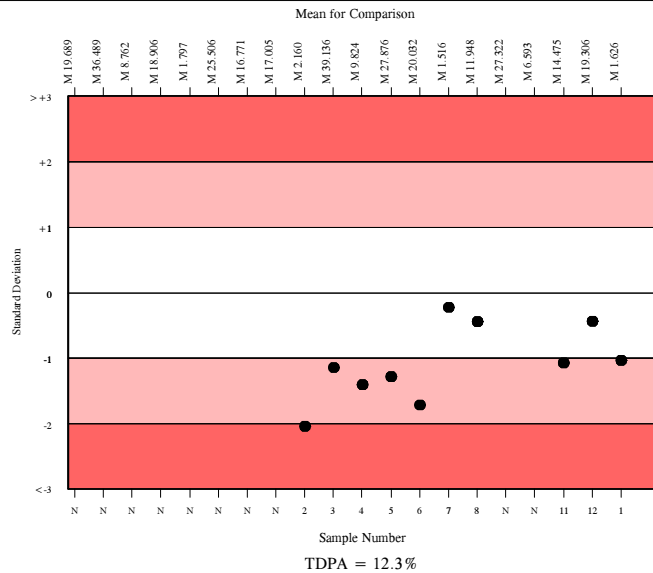
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1724	1.466	11.7	0.01	0.11	201
Roche Cobas 4000/e411	233	1.626	8.1	0.01	0.12	29

▲ Your Result	1.500	SDI	-1.04
		RMSDI	-1.08
■ Mean for Comparison	1.626	TS	70
		RMTS	74
		%DEV	-7.7
		RM%DEV	-8.1

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	361	1.621	5.2	0.01
Abbott Architect	330	1.326	6.1	0.01
Roche Cobas 4000/e411	233	1.626	8.1	0.01
Siemens Centaur XP/XPT/Classic	175	1.351	5.4	0.01
Beckman DXI standardised to Hybritech	152	1.358	5.8	0.01
Beckman Access standardised to Hybritech	71	1.417	6.0	0.01
Roche Elecsys	43	1.616	6.5	0.02
bioMerieux, Vidas TPSA	39	1.712	9.8	0.03
Siemens Centaur CP	28	1.287	4.1	0.01
Siemens Immulite 2000/2500, Total PSA	28	1.541	10.3	0.04
Ortho Vitros 3600/5600/ECi PSA II	28	1.497	3.4	0.01
Tosoh	24	1.099	7.2	0.02
Siemens Immulite 1000, Total PSA	23	1.452	8.1	0.03
Beckman DXI standard to WHO IRP96/670	20	1.175	6.1	0.02
DiaSorin, Liaison	17	0.642	8.6	0.02
Ortho Vitros 3600/5600/ECi	15	1.521	5.9	0.03
SNIBE Maglumi analysers	16	1.405	14.5	0.06
Roche Modular E170	14	1.575	4.0	0.02
Beckman Access standard to WHO IRP96/670	12	1.367	3.9	0.02
CIS, RIA Coated tube	13	1.803	10.6	0.07
DiaSorin Liaison XL	13	0.630	9.4	0.02

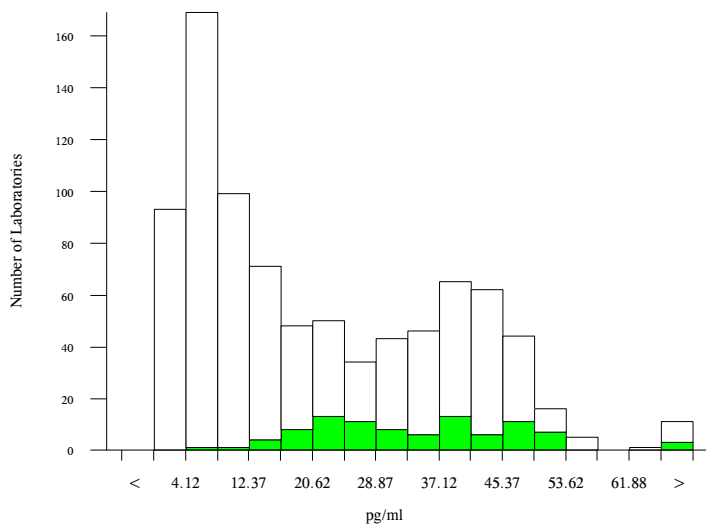


# Parathyroid hormone, pg/ml

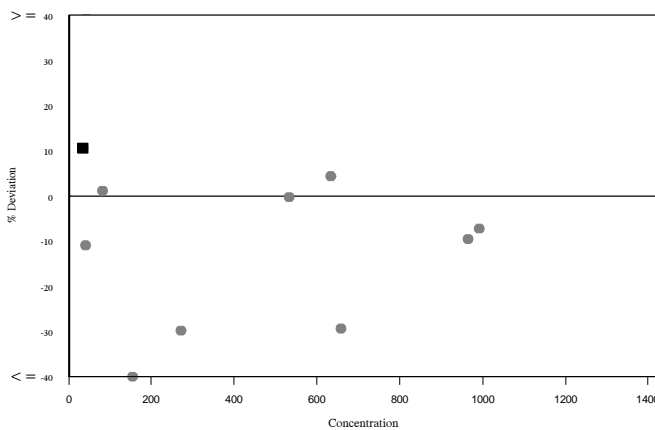
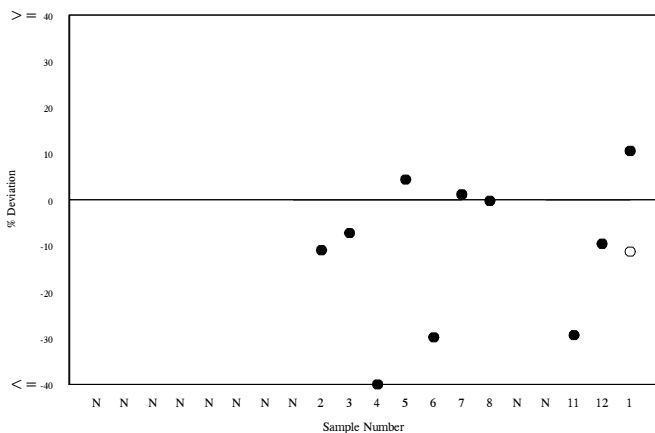
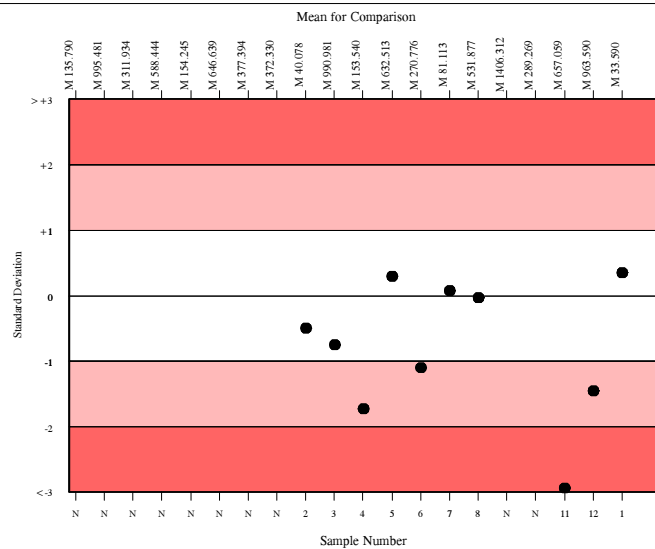
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	707	21.473	69.1	0.70	14.84	175
Roche Cobas 4000/e411 PTH/PTH STAT	78	33.590	30.6	1.45	10.27	14

▲ Your Result	37.140	SDI	0.35
		RMSDI	-0.78
■ Mean for Comparison	33.590	TS	N/A
		RMTS	N/A
		%DEV	10.6
		RM%DEV	-11.2

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000 PTH/PTH STAT	144	37.081	22.4	0.86
Abbott Architect	98	11.790	31.1	0.46
Beckman Dxi 600/800	86	5.325	25.2	0.18
Roche Cobas 4000/e411 PTH/PTH STAT	78	33.590	30.6	1.45
Siemens Centaur XP/XPT/Classic	42	5.542	31.9	0.34
Roche Cobas 6000/8000 PTH (1-84)	44	34.950	29.8	1.96
Roche Cobas 4000/e411 PTH (1-84)	36	33.631	24.1	1.69
Siemens/DPC Immulite 2000	36	13.681	29.2	0.83
Beckman Access/LX1725	15	4.894	32.5	0.51
Roche Elecsys PTH/PTH STAT	24	29.551	25.4	1.92
Tosoh	13	6.631	27.3	0.63
DiaSorin, Liaison 1-84 PTH	8	4.714	10.7	0.22
Ortho Vitros 3600/5600/ECi	16	10.300	15.8	0.51
Siemens/DPC Immulite 1000	9	13.144	26.0	1.42
CIS IRMA	5	8.139	15.9	0.72
Roche Modular E170 PTH/PTH STAT	9	36.813	28.1	4.31
Roche Elecsys PTH (1-84)	5	40.049	24.3	5.44
DiaSorin Liaison XL 1-84 PTH	3	5.860	21.6	0.91
Siemens Centaur CP	3	5.116	28.9	1.07
SNIBE Maglumi analysers	3	6.110	90.6	3.99
DiaSorin Liaison XL N-TACT PTH II	6	13.820	27.8	1.96

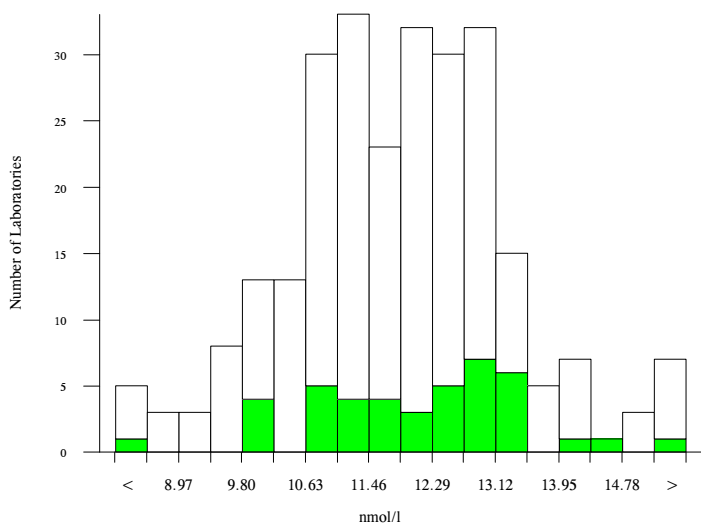


# Sex Hormone Binding Globulin, nmol/l

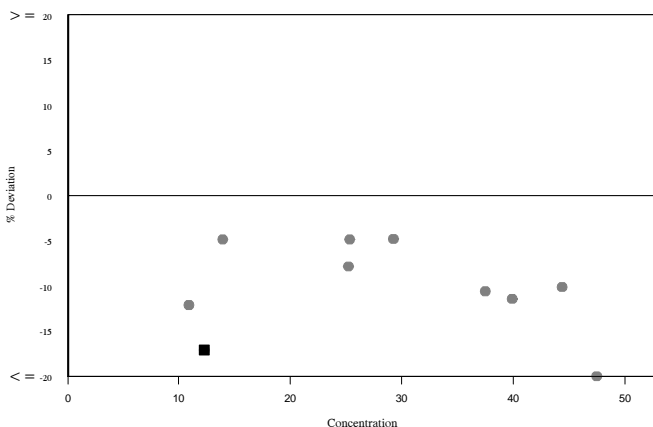
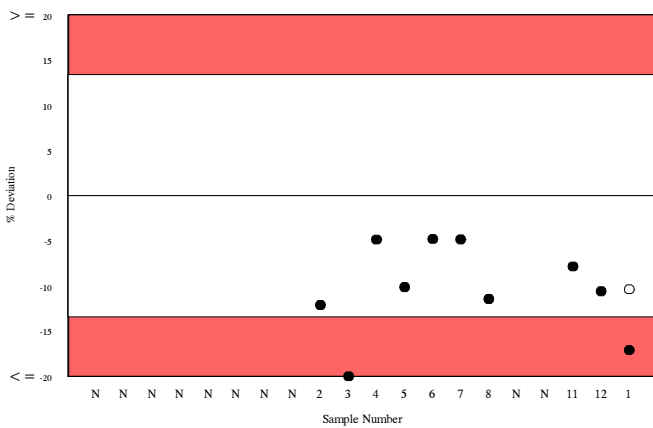
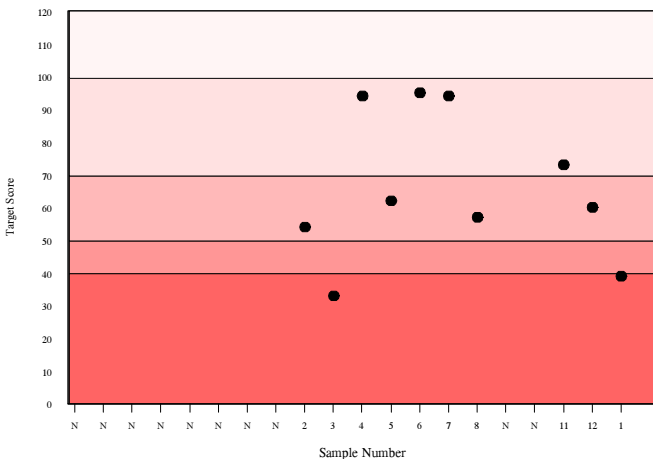
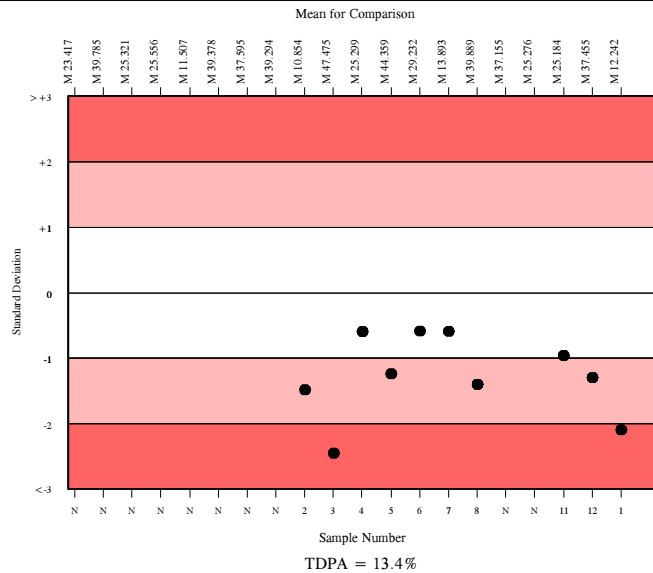
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	226	11.877	9.3	0.09	0.97	37
Roche Cobas 4000/e411	34	12.242	8.1	0.21	1.00	8

▲ Your Result	10.150	SDI RMSDI	-2.10 -1.27
■ Mean for Comparison	12.242	TS RMTS	39 66
		%DEV RM%DEV	-17.1 -10.4

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 <sub>m</sub>
Roche Cobas 6000/8000	59	12.556	6.4	0.13
Abbott Architect	36	11.325	9.5	0.22
Roche Cobas 4000/e411	34	12.242	8.1	0.21
Siemens/DPC Immulite 2000/2500	30	11.625	5.4	0.14
Beckman DXI 600/800	24	11.612	5.7	0.17
Siemens Centaur (Ref 10997191)	9	10.518	12.0	0.53
Siemens Centaur (Ref 06520781)	9	12.046	26.0	1.31
Roche Modular E170	8	12.359	8.4	0.46
Siemens/DPC Immulite 1000	5	11.220	5.4	0.34
Roche Elecsys	6	10.493	17.4	0.93
ELISA	2	14.500	4.9	0.62
Beckman Access	2	10.550	10.1	0.94



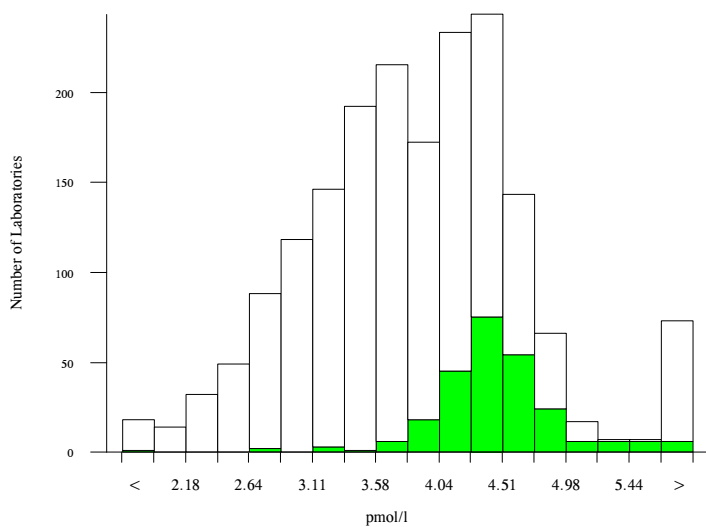
**RIQAS**

# Free T3, pmol/l

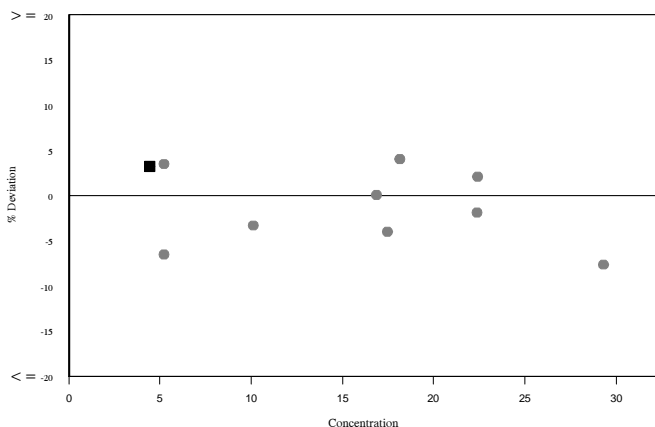
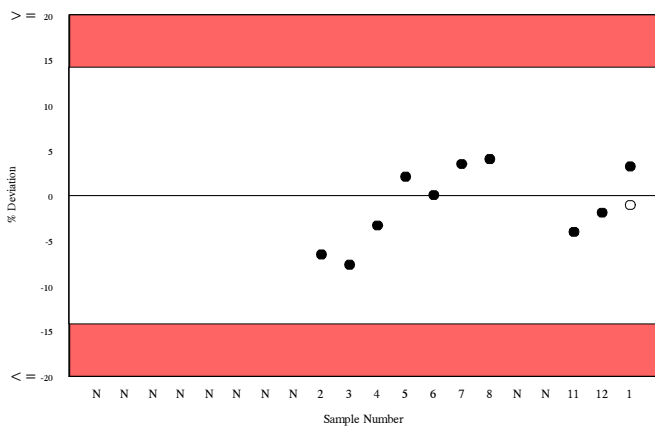
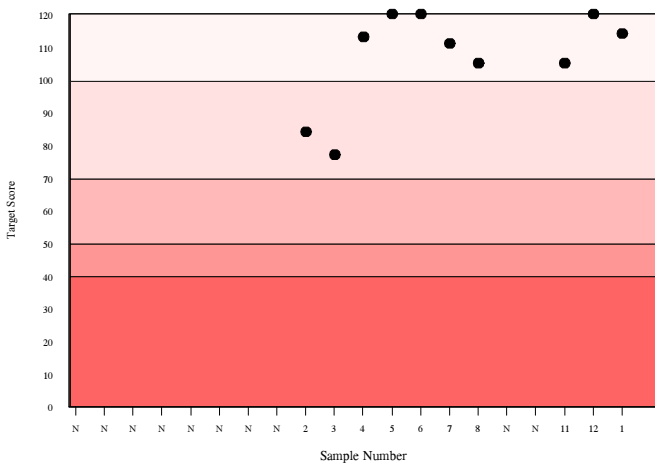
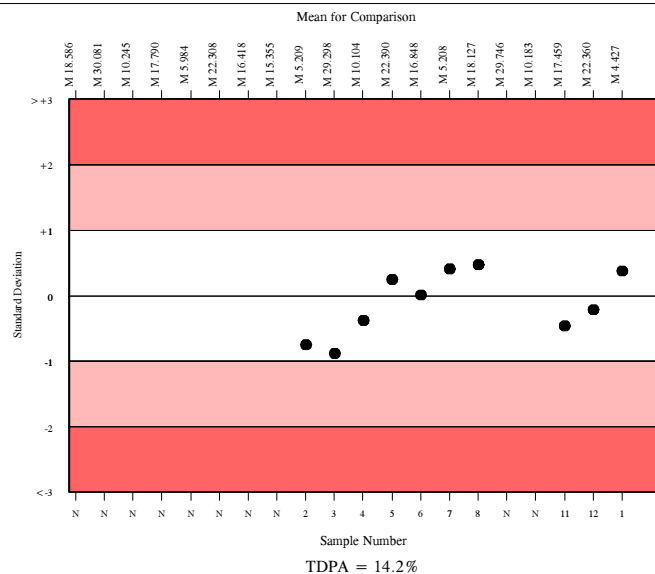
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1612	3.815	16.3	0.02	0.33	223
Roche Cobas 4000/e411	212	4.427	6.8	0.03	0.38	41

▲ Your Result	4.570	SDI	0.37
		RMSDI	-0.12
■ Mean for Comparison	4.427	TS	114
		RMTS	106
		%DEV	3.2
		RM%DEV	-1.0

Acceptable limits derived from Biological Variation	11.3%
Acceptable limits of performance for RIQAS	14.20%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	375	4.344	5.0	0.01
Abbott Architect	281	3.014	11.2	0.03
Roche Cobas 4000/e411	212	4.427	6.8	0.03
Beckman DxI 600/800	168	3.588	7.1	0.02
Siemens Centaur XP/XPT/Classic	168	3.674	4.3	0.02
Beckman Access/LXi725	62	3.616	8.2	0.05
Roche Elecsys	59	4.440	9.6	0.07
BioMerieux VIDAS	48	3.231	13.9	0.08
Ortho Vitros 3600/5600/ECi	44	7.911	7.0	0.10
Siemens Centaur CP	28	3.871	4.6	0.04
Siemens/DPC Immulite 2000/2500	31	2.969	18.2	0.12
Tosoh	23	3.511	8.5	0.08
DiaSorin, Liaison	20	3.350	10.2	0.10
Siemens/DPC Immulite 1000	16	2.643	15.3	0.13
Roche Modular E170	14	4.381	6.0	0.09
DiaSorin Liaison XL	12	2.959	16.3	0.17
SNIBE Maglumi analysers	10	2.744	14.2	0.15
Fujirebio Lumipulse G Series	9	3.668	5.0	0.08
Siemens Dimension Vista LOCI	4	2.849	3.7	0.07
Siemens Dimension Exl LOCI	2	2.589	16.3	0.37
Human ELISA	2	3.335	31.2	0.92

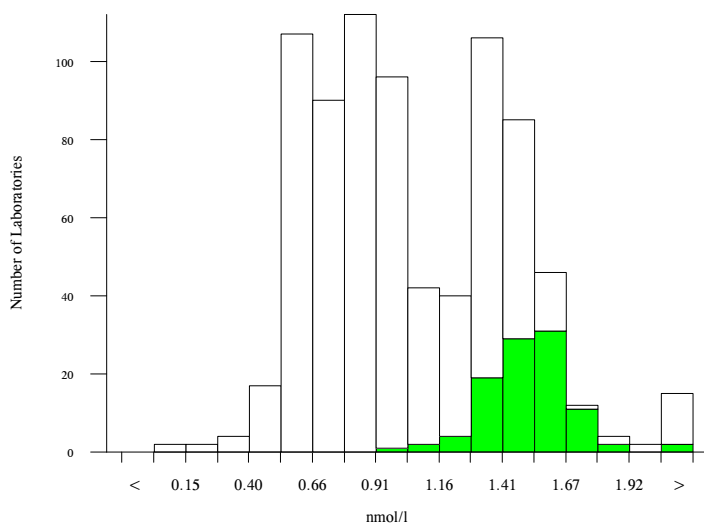


# Total T3, nmol/l

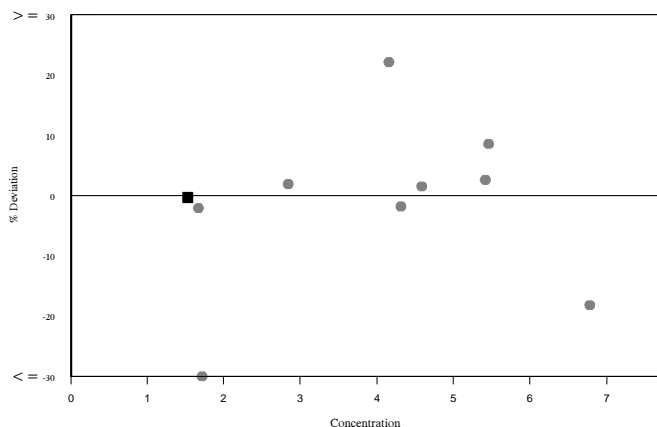
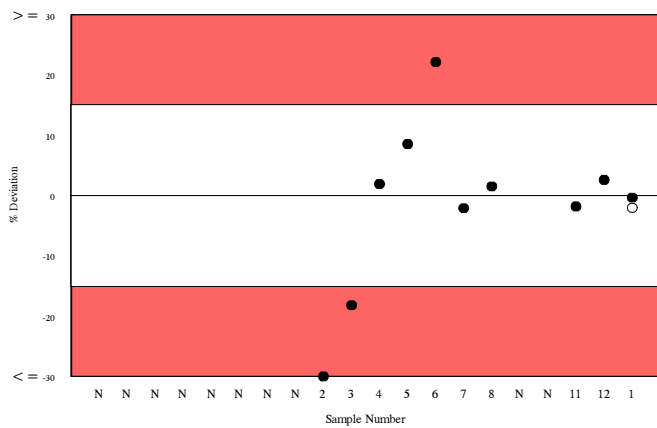
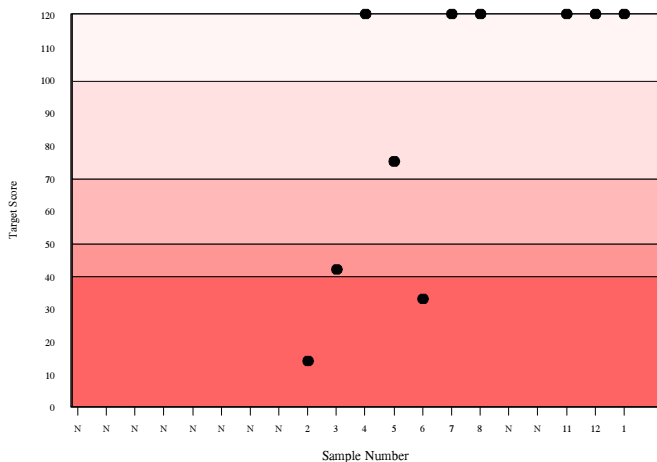
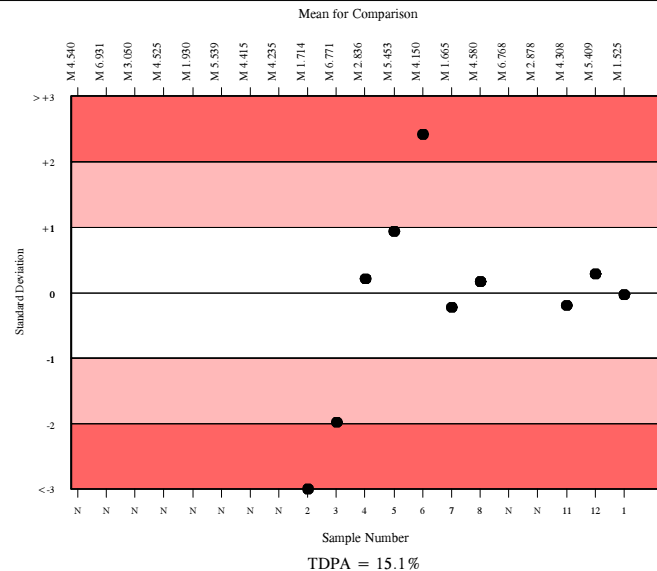
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	719	1.040	32.4	0.02	0.10	84
Roche Cobas 4000/e411	89	1.525	8.6	0.02	0.14	12

▲ Your Result	1.520	SDI	-0.04
		RMSDI	-0.22
■ Mean for Comparison	1.525	TS	120
		RMTS	88
		%DEV	-0.3
		RM%DEV	-2.0

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	159	1.373	6.2	0.01
Abbott Architect	144	0.871	11.8	0.01
Roche Cobas 4000/e411	89	1.525	8.6	0.02
Siemens Centaur XP/XPT/Classic	69	0.678	12.7	0.01
Ortho Vitros 3600/5600/ECi	37	1.029	5.8	0.01
Beckman DxI 600/800	27	0.901	9.1	0.02
Beckman Access/LXi725	29	0.945	12.2	0.03
Siemens/DPC Immulite 2000/2500	9	0.618	0.8	0.00
bioMerieux, VIDAS	19	0.606	9.5	0.02
Siemens Centaur CP	15	0.637	8.4	0.02
Roche Elecsys	10	1.495	8.2	0.05
Siemens/DPC Immulite 1000	8	0.627	3.3	0.01
CIS, RIA Coated tube	9	0.626	7.3	0.02
SNIBE Maglumi analysers	8	0.690	28.7	0.09
Tosoh	8	0.644	8.2	0.02
Immunotech RIA	7	0.783	7.9	0.03
DiaSorin, Liaison	5	0.773	7.6	0.03
Roche Modular E170	5	1.360	7.4	0.06
ELISA	3	0.927	25.9	0.17
DiaSorin Liaison XL	2	0.730	10.4	0.07
Stat Fax Elisa Readers	2	0.840	15.1	0.11



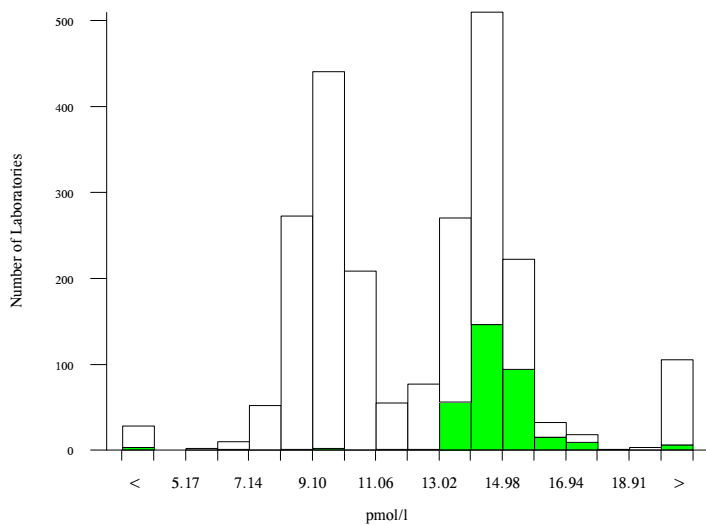


# Free T4, pmol/l

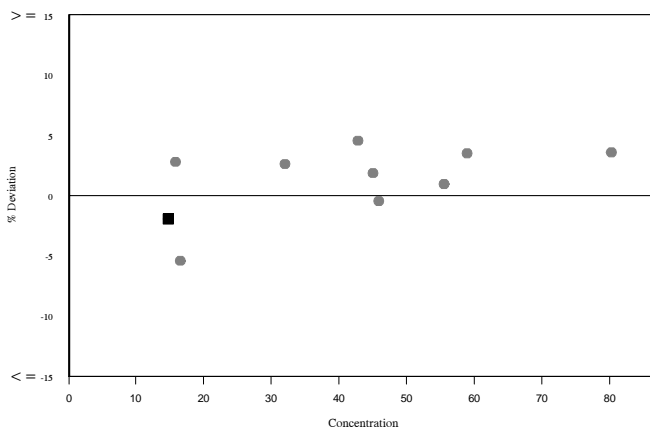
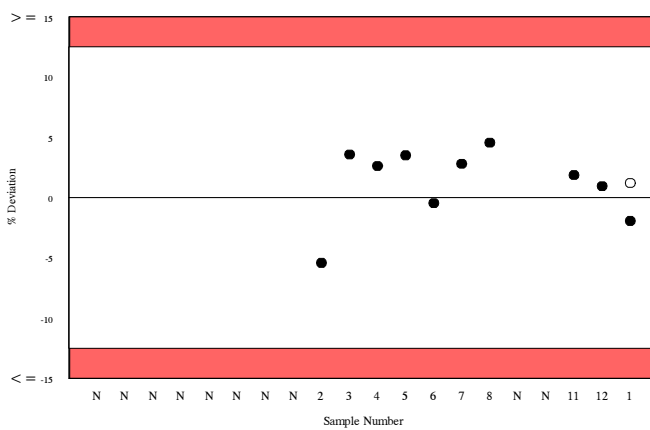
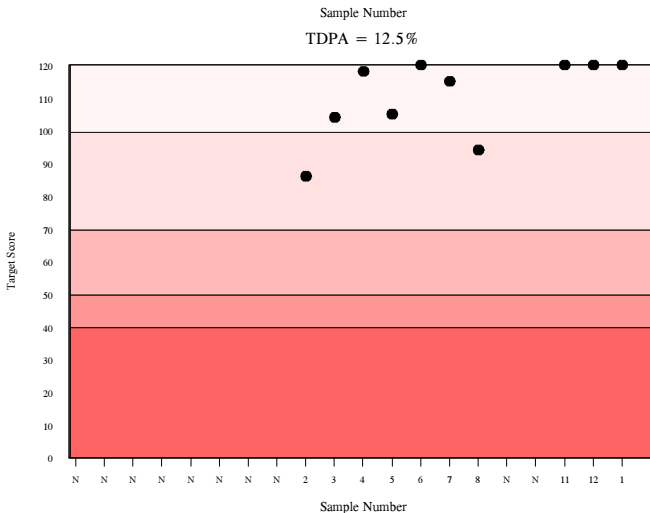
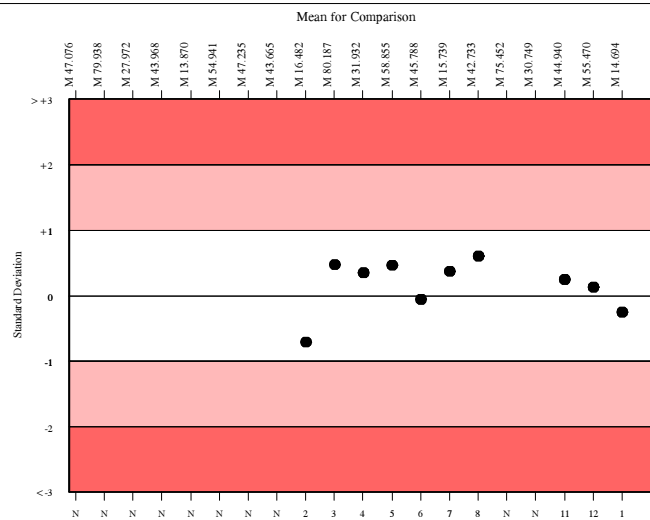
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2075	12.045	21.7	0.07	0.92	229
Roche Cobas 4000/e411	288	14.694	4.5	0.05	1.12	48

▲ Your Result	14.410	SDI RMSDI	-0.25 0.16
■ Mean for Comparison	14.694	TS RMTS	120 110
		%DEV RM%DEV	-1.9 1.2

Acceptable limits derived from Biological Variation	8%
Acceptable limits of performance for RIQAS	12.50%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	465	14.292	3.8	0.03
Abbott Architect	345	9.909	4.2	0.03
Roche Cobas 4000/e411	288	14.694	4.5	0.05
Beckman DxI 600/800	209	8.986	7.7	0.06
Siemens Centaur XP/XPT/Classic	191	9.103	7.3	0.06
Beckman Access/LXi725	82	9.115	6.8	0.09
Roche Elecsys	58	14.780	4.6	0.11
Ortho Vitros 3600/5600/ECi	61	23.966	6.4	0.25
bioMerieux, VIDAS-FT4N Kit	54	12.319	9.0	0.19
Siemens/DPC Immulite 2000/2500	44	14.617	5.9	0.16
Siemens Centaur CP	39	9.725	8.6	0.17
Siemens/DPC Immulite 1000	32	14.446	9.0	0.29
Tosoh	28	11.277	8.5	0.23
DiaSorin, Liaison	25	13.618	6.3	0.22
DiaSorin Liaison XL	13	13.266	5.3	0.24
Roche Modular E170	11	14.253	2.2	0.12
SNIBE Maglumi analysers	12	14.230	9.0	0.46
CIS, RIA Coated tube	9	12.576	8.6	0.45
Fujirebio Lumipulse G Series	7	8.461	5.5	0.22
Immunotech IRMA	8	11.826	4.5	0.23
Siemens Dimension Vista LOCI	4	11.448	3.4	0.24





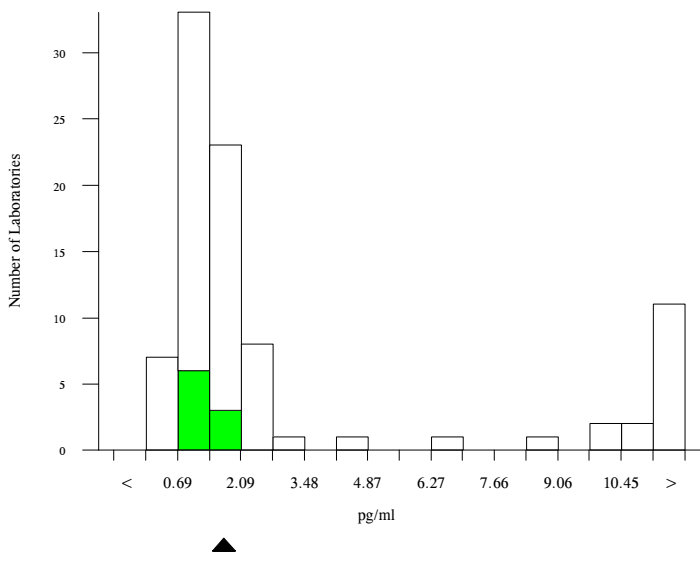
# Free Testosterone (Pilot), pg/ml

	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	58	2.423	120.1	0.48	2.91	32
IBL ELISA	4	0.768	10.8	0.05	0.10a	5

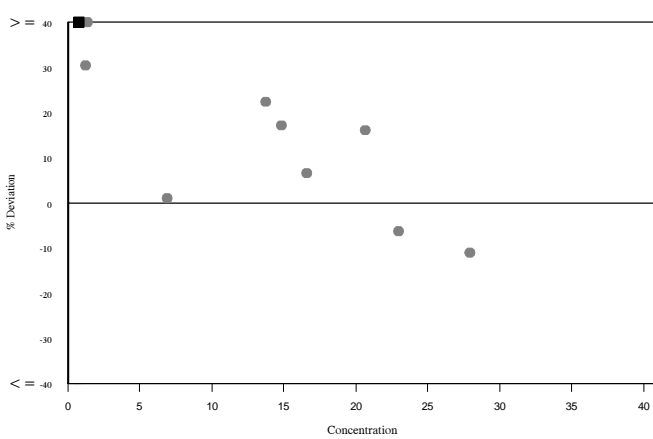
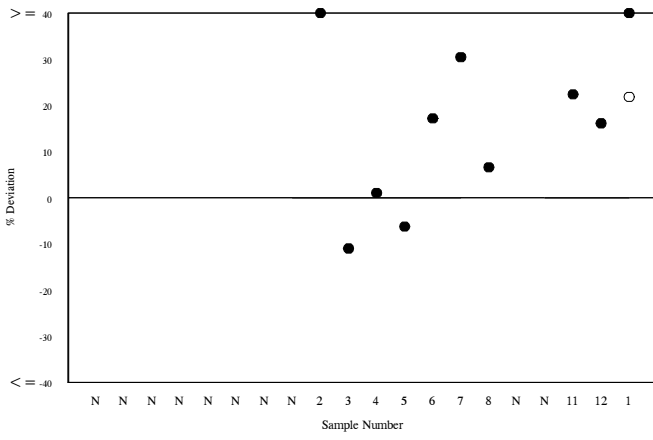
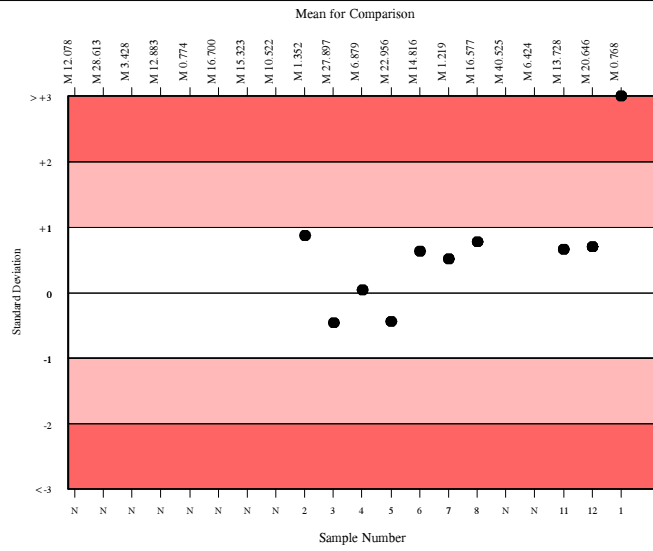
▲ Your Result	1.420	SDI	6.67
		RMSDI	1.00
■ Mean for Comparison	0.768	TS	N/A
		RMTS	N/A
		%DEV	85.0
		RM%DEV	21.8

**The mean for comparison is not statistically significant**

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 <sub>m</sub>
Monobind Inc. ELISA / CLIA	10	1.701	28.3	0.19
SNIBE Maglumi analysers	11	2.228	16.4	0.14
DRG ELISA	6	0.976	26.8	0.13
Calculated	9	12.314	17.8	0.91
IBL ELISA	4	0.768	10.8	0.05
Diametra ELISA	2	0.510	25.0	0.11
DSL/Beckman Coulter, RIA	4	1.325	16.8	0.14
ELISA	3	0.620	46.2	0.21
Roche Cobas 4000/e411	3	12.370	14.8	1.33
Novatec ELISA	2	0.890	14.3	0.11
DiaSorin (RIA)	2	1.450	34.1	0.44
DBC, ELISA	1	0.700	0.0	0.00
DIAsource, RIA	2	1.305	19.0	0.22
DIAsource, ELISA	2	0.945	36.7	0.31

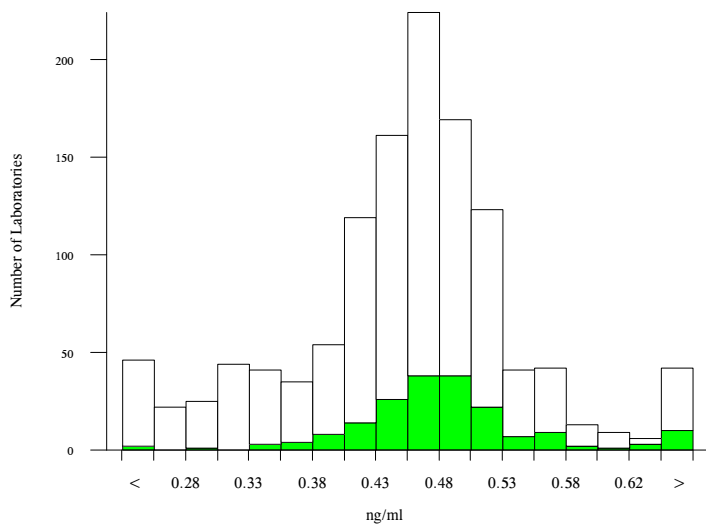


# Testosterone, ng/ml

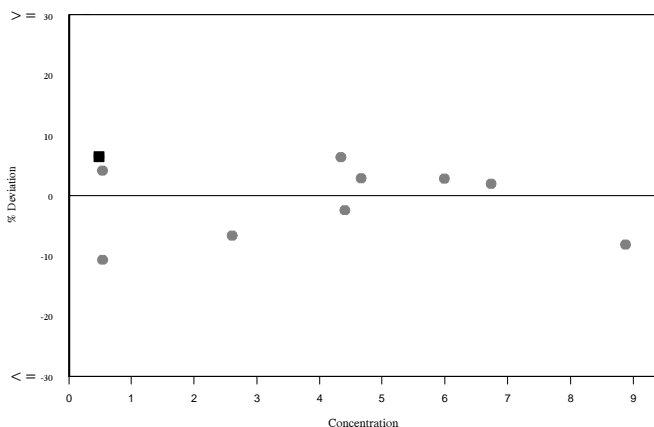
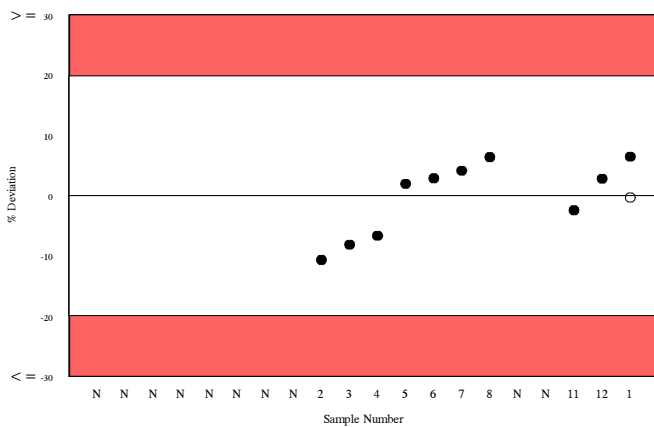
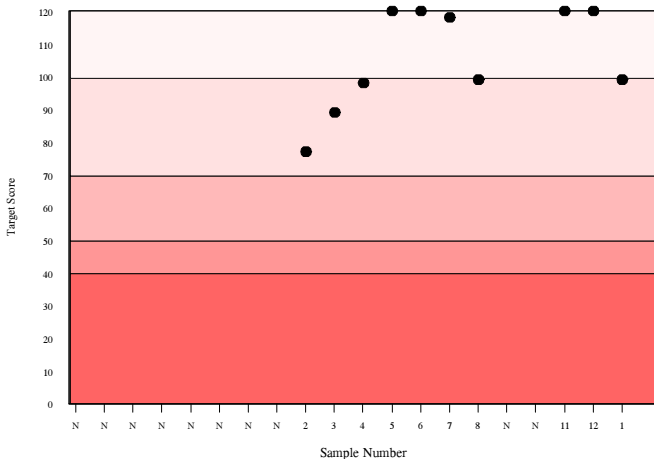
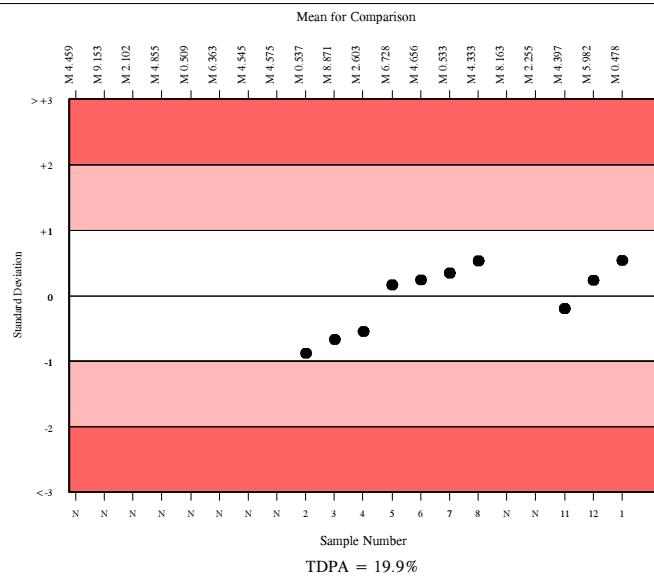
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1034	0.455	14.6	0.00	0.06	187
Roche Cobas 4000/e411 Test II	158	0.478	9.7	0.00	0.06	30

▲ Your Result	0.509	SDI	0.53
		RMSDI	-0.03
■ Mean for Comparison	0.478	TS	99
		RMTS	106
		%DEV	6.5
		RM%DEV	-0.3

Acceptable limits derived from Biological Variation	13.61%
Acceptable limits of performance for RIQAS	19.90%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000 Test II	240	0.469	8.6	0.00
Roche Cobas 4000/e411 Test II	158	0.478	9.7	0.00
Abbott Architect	119	0.482	6.3	0.00
Beckman DxI 600/800	113	0.454	10.7	0.01
Siemens Centaur XP/XPT/Classic TSTO	64	0.384	21.0	0.01
Abbott Architect 2nd gen	55	0.486	6.9	0.01
Siemens/DPC Immulite 2000/2500	38	0.452	15.5	0.01
Roche Elecsys Test II	36	0.488	11.0	0.01
Beckman Access/LXi725	35	0.463	13.2	0.01
bioMerieux VIDAS Testosterone II	32	0.305	8.3	0.01
bioMerieux, VIDAS	27	0.307	15.5	0.01
Siemens Centaur XP/XPT/Classic TSTII	26	0.453	6.3	0.01
Ortho Vitros 3600/5600/ECi	21	0.321	12.9	0.01
TOSOH	13	0.325	25.5	0.03
Siemens/DPC Immulite 1000	9	0.416	23.8	0.04
Roche Modular E170 Test II	13	0.461	6.2	0.01
SNIBE Maglumi analysers	4	0.132	2.6	0.00
Siemens Centaur CP	5	0.562	3.5	0.01
CIS, RIA Coated tube	6	0.464	23.7	0.06
DiaSorin, Liaison	4	0.165	15.2	0.02
Fujirebio Lumipulse G Series	5	0.336	4.0	0.01

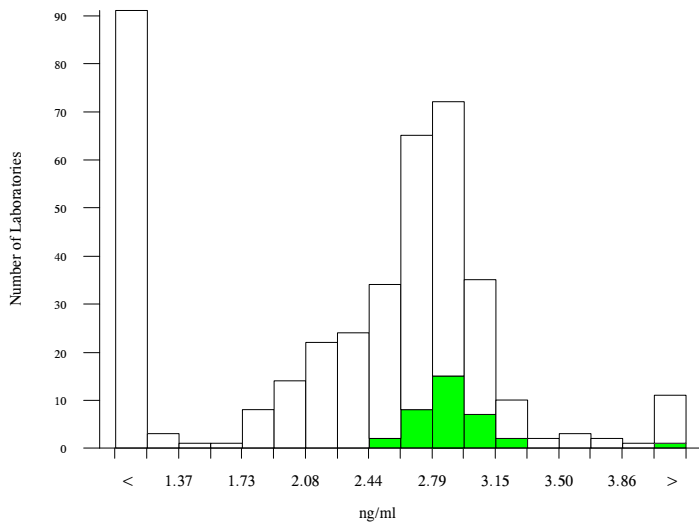


# Thyroglobulin, ng/ml

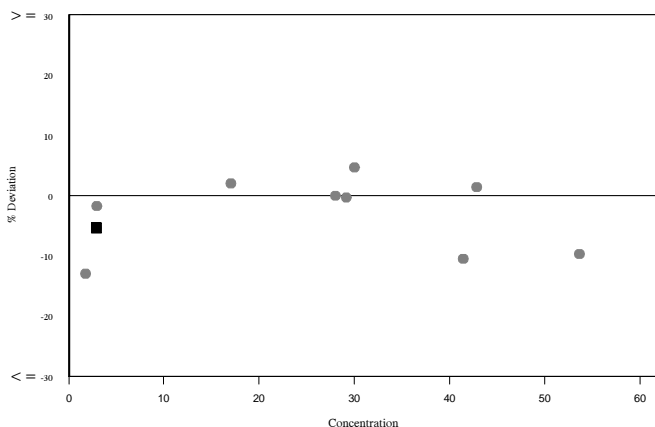
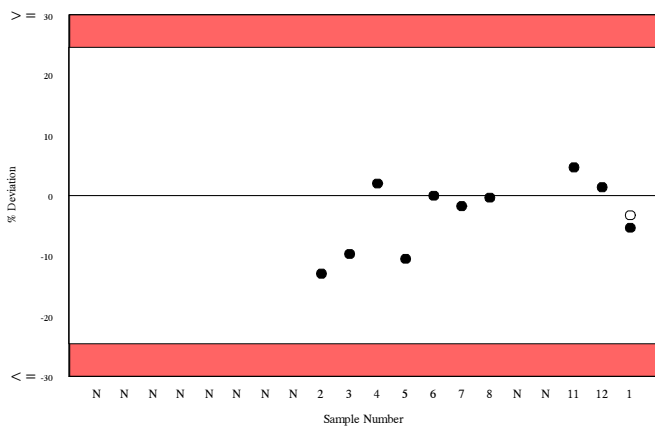
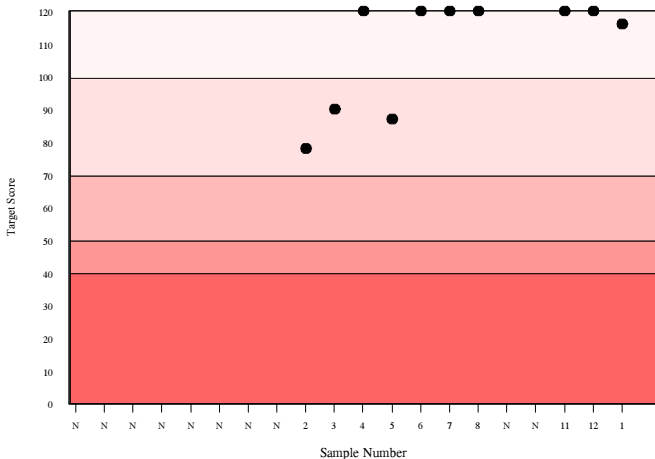
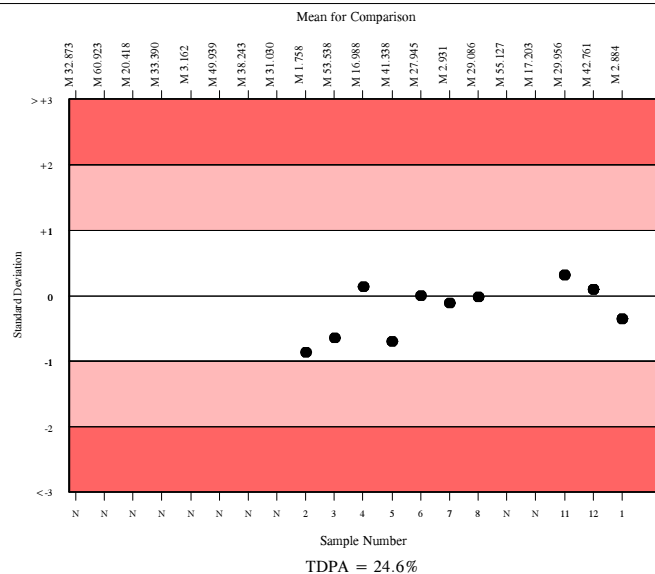
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	286	2.621	18.1	0.04	0.39	139
Roche Cobas 4000/e411 TgII	28	2.884	5.2	0.04	0.43	7

▲ Your Result	2.730	SDI	-0.36
		RMSDI	-0.22
■ Mean for Comparison	2.884	TS	116
		RMTS	109
		%DEV	-5.3
		RM%DEV	-3.2

Acceptable limits derived from Biological Variation	21.9%
Acceptable limits of performance for RIQAS	24.60%



Method	N	Mean	CV%	U <sub>m</sub>
DPC Immulite 2000/2500	33	0.417	31.8	0.03
Roche Cobas 6000/8000 Tg II	50	2.813	4.8	0.02
Beckman DxI 600/800	47	2.208	8.2	0.03
Roche Cobas 6000/8000	39	2.759	5.6	0.03
Roche Cobas 4000/e411	27	2.843	6.7	0.05
Roche Cobas 4000/e411 TgII	28	2.884	5.2	0.04
Beckman Access	16	2.273	7.8	0.06
DiaSorin, Liaison	2	0.270	36.6	0.09
DPC Immulite 1000	3	0.326	23.0	0.05
CIS, RIA Coated tube	11	3.332	11.7	0.15
Tosoh	9	3.022	4.9	0.06
DiaSorin Liaison XL	3	0.421	22.4	0.07
Roche Elecsys	9	2.734	7.0	0.08
Roche Elecsys Tg II	7	2.811	4.6	0.06
Roche Modular E170 Tg II	5	2.788	7.2	0.11
Diesse Chorus	3	1.900	27.8	0.38
Roche Modular E170	4	2.785	6.2	0.11

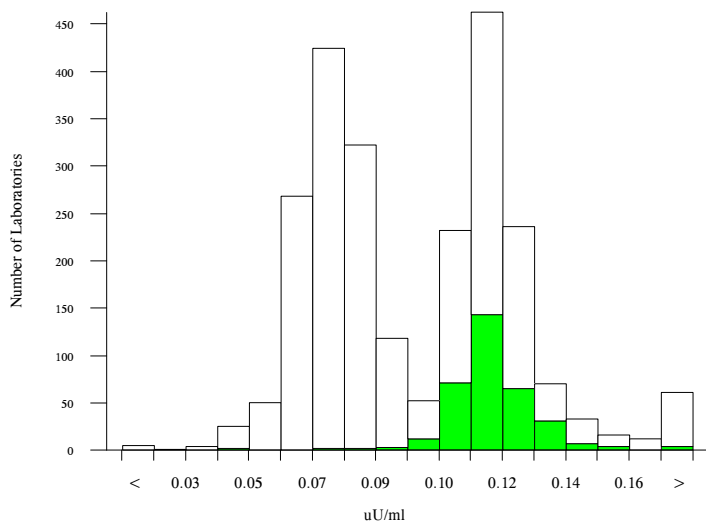


# TSH, uU/ml

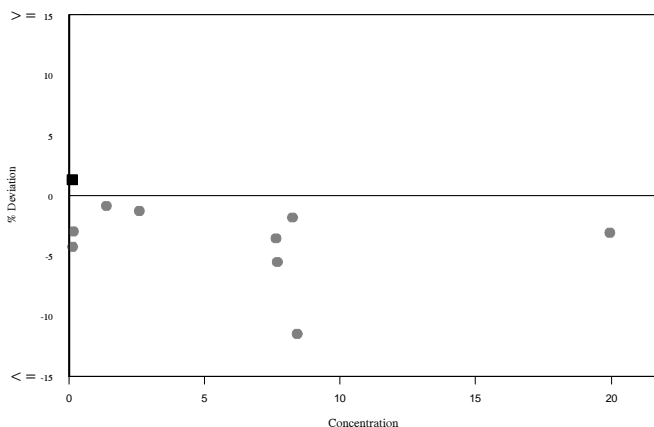
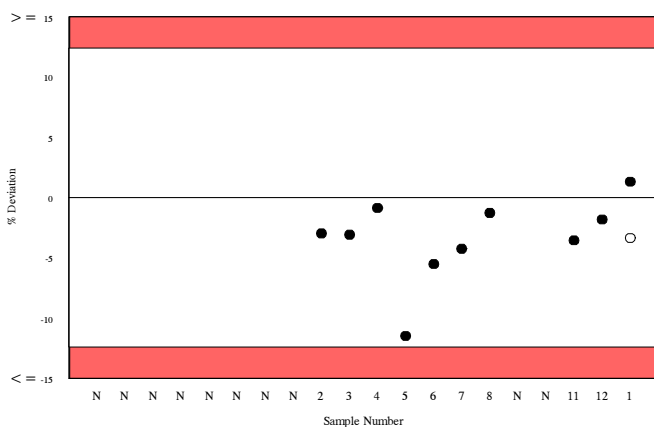
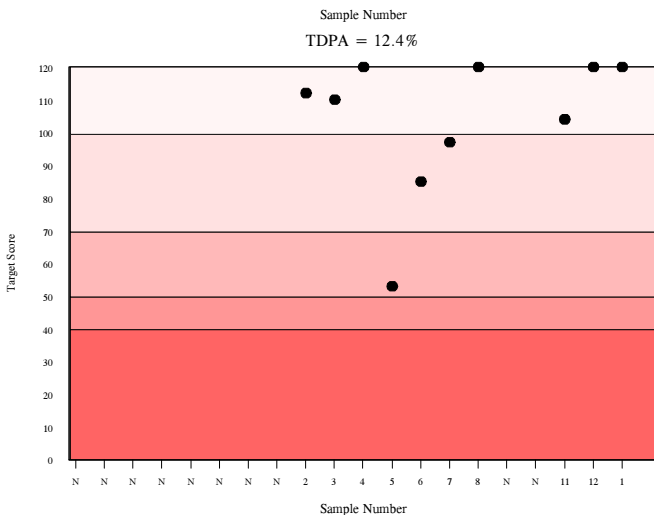
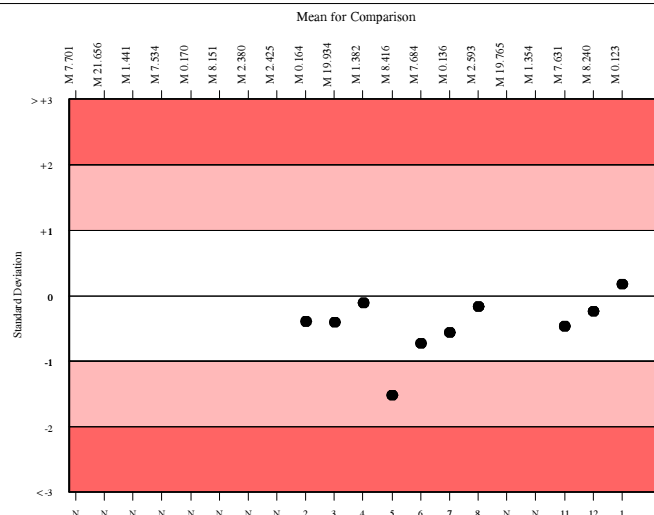
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2181	0.101	23.2	0.00	0.01	215
Roche Cobas 4000/e411	300	0.123	6.6	0.00	0.01	47

▲ Your Result	0.125	SDI	0.17
		RMSDI	-0.44
■ Mean for Comparison	0.123	TS	120
		RMTS	104
		%DEV	1.3
		RM%DEV	-3.3

Acceptable limits derived from Biological Variation	23.7%
Acceptable limits of performance for RIQAS	12.40%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	474	0.123	5.2	0.00
Abbott Architect	361	0.082	5.6	0.00
Roche Cobas 4000/e411	300	0.123	6.6	0.00
Beckman DXI600/800/ Access 2 (3rd IS)	171	0.072	5.4	0.00
Siemens Centaur XP/Classic TSH3-Ultra	105	0.086	6.9	0.00
Siemens Centaur XP/XPT/Classic	81	0.089	7.7	0.00
Access/LXi725 hyper TSH 3rd gen	66	0.078	11.2	0.00
Roche Elecsys	54	0.124	8.0	0.00
Ortho Vitros 3600/5600/ECi	63	0.130	28.0	0.01
Siemens/DPC Immulite 2000/2500	43	0.081	7.4	0.00
bioMerieux, VIDAS, TSH	46	0.059	11.9	0.00
Beckman Dxi 600/800 Hyper TSH	36	0.077	9.6	0.00
Tosoh	32	0.105	14.2	0.00
Siemens/DPC Immulite 1000	31	0.100	11.2	0.00
Siemens Centaur CP	27	0.088	14.7	0.00
DiaSorin, Liaison	26	0.119	15.0	0.00
Siemens Centaur CP TSH3-Ultra	19	0.090	5.8	0.00
CIS, IRMA	16	0.173	15.8	0.01
SNIBE Maglumi analysers	12	0.073	30.6	0.01
Beckman Dxi 600/800 1st generation	15	0.075	6.0	0.00
Roche Modular E170	13	0.124	4.0	0.00



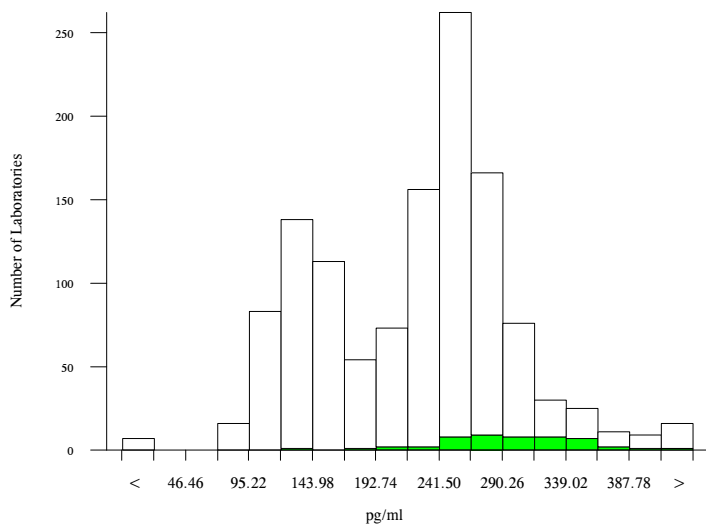


# Vitamin B12, pg/ml

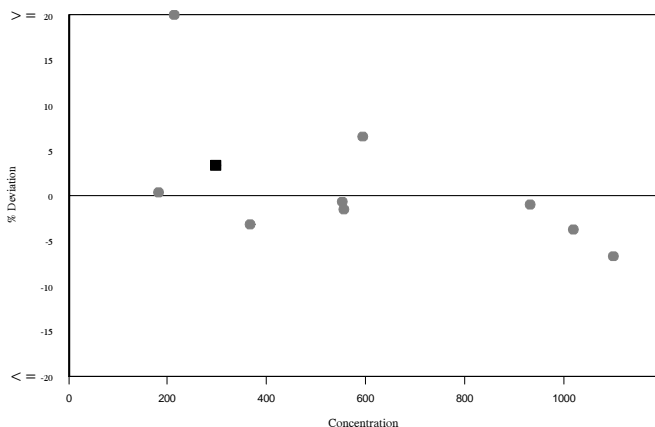
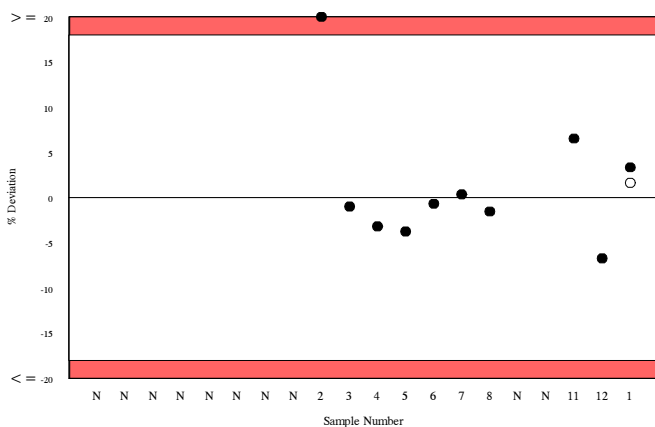
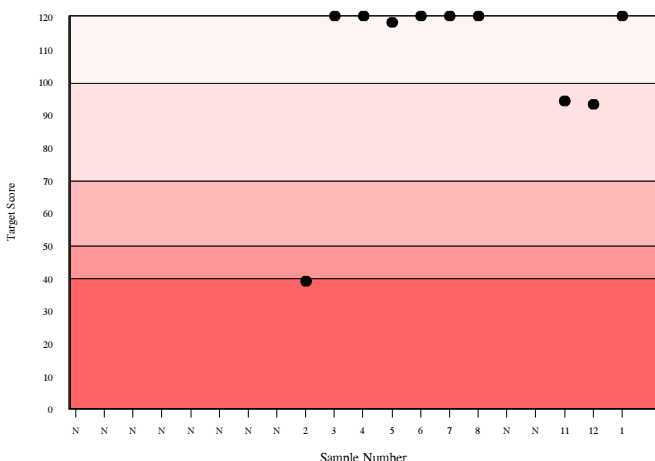
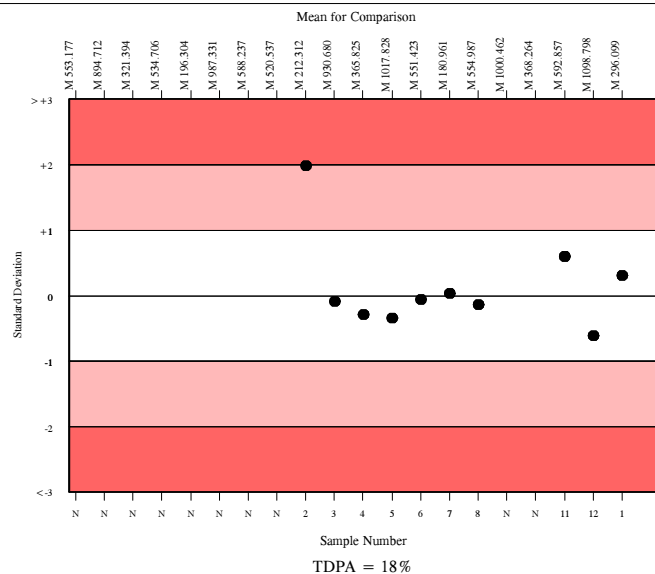
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1110	217.126	29.9	2.44	23.76	140
Roche Cobas 4000/e411 Gen II	36	296.099	12.0	7.42	32.40	14

▲ Your Result	306.000	SDI	0.31
		RMSDI	0.14
■ Mean for Comparison	296.099	TS	120
		RMTS	106
		%DEV	3.3
		RM%DEV	1.6

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



Method	N	Mean	CV%	U <sub>m</sub>
Abbott Architect	230	245.257	9.4	1.91
Roche Cobas 6000/8000	181	263.124	8.0	1.96
Beckman DxI 600/800	154	121.676	12.8	1.57
Roche Cobas 4000/e411	113	289.168	17.6	5.98
Siemens Centaur XP/XPT/Classic	111	150.329	13.9	2.48
Roche Cobas 6000/8000 Gen II	68	250.404	8.2	3.12
Roche Cobas 4000/e411 Gen II	36	296.099	12.0	7.42
Beckman Access/LXi725	37	146.619	13.1	3.96
Roche Elecsys	32	265.710	21.4	12.57
Ortho Vitros 3600/5600/ECi	28	249.584	4.7	2.74
Siemens/DPC Immulite 2000	9	153.444	3.5	2.21
Siemens Centaur CP	12	145.251	17.2	9.04
Roche Modular E170	12	260.354	10.2	9.58
TOSOH	9	156.045	12.2	7.90
Siemens/DPC Immulite 1000	4	151.937	8.0	7.55
SNIBE Maglumi analysers	4	118.295	23.8	17.61
Siemens Dimension	5	205.301	17.1	19.63
MP Biomedicals RIA	4	217.865	21.5	29.24
Roche Modular E170 Gen II	2	283.050	21.0	52.44
Abbott AxSYM	2	203.500	51.1	91.87



**RIQAS**





Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	13.257	11.440	-1.02	0.01	-13.7	4.9	N/A	N/A	
AFP	11.909	11.120	-0.72	-0.84	-6.6	-7.7	86	77	
Aldosterone	77.590	42.700	-1.92	-0.42	<b>-45.0</b>	-11.4	<b>43</b>	94	
Androstenedione	1.183	1.290	0.64	-0.10	9.0	-1.3	91	103	
Beta-2-Microglobulin	1.033	0.910	-1.13	-0.72	-11.9	-7.6	66	80	
CA 125	23.307	23.380	0.04	0.58	0.3	4.6	120	95	
CA 15-3	19.265	19.630	0.22	-0.01	1.9	-0.1	120	116	
CA 19-9	20.208	18.480	-0.88	-0.44	-8.5	-4.3	77	83	
CEA	4.285	4.270	-0.04	-0.44	-0.3	-3.6	120	94	
Cortisol	159.983	159.100	-0.06	0.25	-0.6	2.2	120	97	
C-Peptide	1.667	1.370	-0.97	0.61	-17.8	11.2	73	98	
DHEA-S	74.686	73.290	-0.17	-0.27	-1.9	-3.1	120	104	
Digoxin	0.489	0.490	0.02	-0.90	0.3	-10.6	120	82	
Ferritin	16.588	16.960	0.26	-0.41	2.2	-3.5	120	85	
Folate	1.449	1.060	-1.98	-0.08	<b>-26.9</b>	0.3	<b>36</b>	77	
FSH	6.705	6.730	0.05	-0.14	0.4	-1.1	120	107	
GH	1.850	1.680	-0.73	-0.02	-9.2	-0.2	85	114	
hCG	13.245	12.350	-0.80	-0.53	-6.8	-4.5	81	83	
IgE	238.222	221.200	-0.85	-0.08	-7.1	-0.7	79	100	
Insulin	2.561	2.630	0.23	0.04	2.7	0.5	120	104	
LH	3.346	3.310	-0.15	0.96	-1.1	7.0	120	79	
Oestradiol	40.251	45.400	1.19	-0.22	12.8	-2.2	62	86	
17-OH-Progesterone	1.288	0.860	0.00	-0.03	-33.2	-2.7	N/A	N/A	
Progesterone	0.993	0.960	-0.30	0.11	-3.3	1.2	120	109	
Prolactin	218.243	220.300	0.07	-0.18	0.9	-2.6	120	113	
PSA, Free	1.295	1.270	-0.27	-0.13	-1.9	-1.0	120	104	
PSA, Total	1.626	1.500	-1.04	-1.08	-7.7	-8.1	70	74	
Parathyroid hormone	33.590	37.140	0.35	-0.78	10.6	-11.2	N/A	N/A	
Sex Hormone Binding Globulin	12.242	10.150	<b>-2.10</b>	-1.27	<b>-17.1</b>	-10.4	<b>39</b>	66	▲
Free T3	4.427	4.570	0.37	-0.12	3.2	-1.0	114	106	
Total T3	1.525	1.520	-0.04	-0.22	-0.3	-2.0	120	88	
Free T4	14.694	14.410	-0.25	0.16	-1.9	1.2	120	110	
Total T4	38.629	37.780	-0.25	-0.40	-2.2	-3.4	120	106	
Free Testosterone (Pilot)	0.768	1.420	<b>6.67</b>	1.00	85.0	21.8	N/A	N/A	
Testosterone	0.478	0.509	0.53	-0.03	6.5	-0.3	99	106	
Thyroglobulin	2.884	2.730	-0.36	-0.22	-5.3	-3.2	116	109	
TSH	0.123	0.125	0.17	-0.44	1.3	-3.3	120	104	
Valproic acid	27.106	27.700	0.28	-0.05	2.2	-0.4	120	99	
Vitamin B12	296.099	306.000	0.31	0.14	3.3	1.6	120	106	
25-OH-Vitamin D	11.803	10.900	-0.42	-0.35	-7.6	-6.4	110	94	

ORMSDI **-0.18**

ORM%DEV **-1.5**

ORMTS **96**

END OF REPORT