

Laboratorio Emotest s.r.l.

MONTHLY IMMUNOASSAY

CYCLE 21 SAMPLE 5

Explanation of codes used in this report

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

Authorised by: Stephen Doherty, RIQAS Manager

Issue No: 1

Issue Date: 31/05/2023

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ACTH, pg/ml

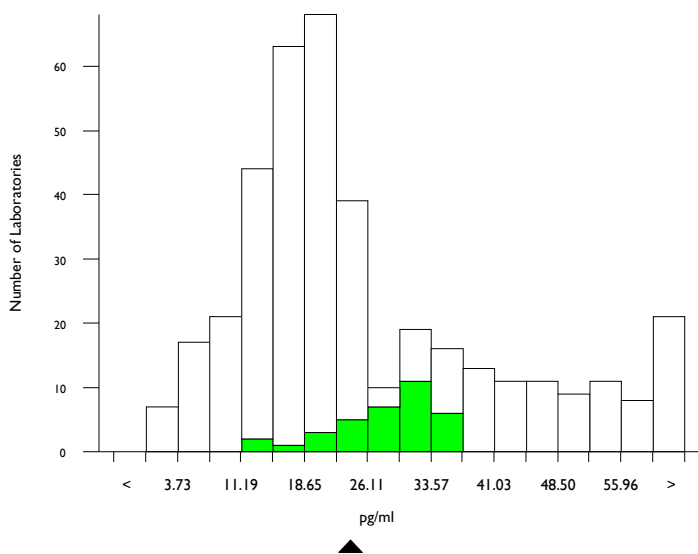
All Methods

SNIBE Maglumi analysers

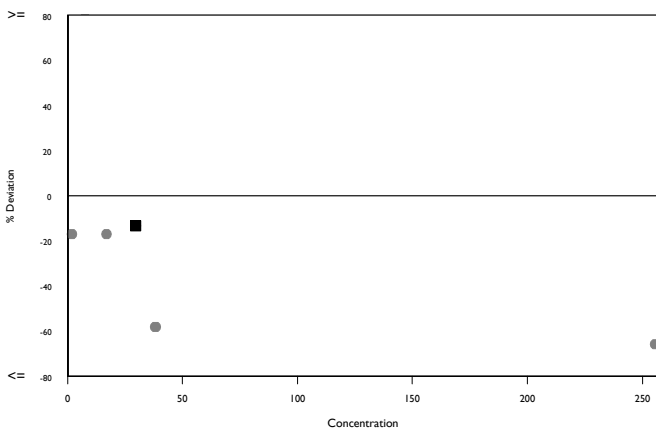
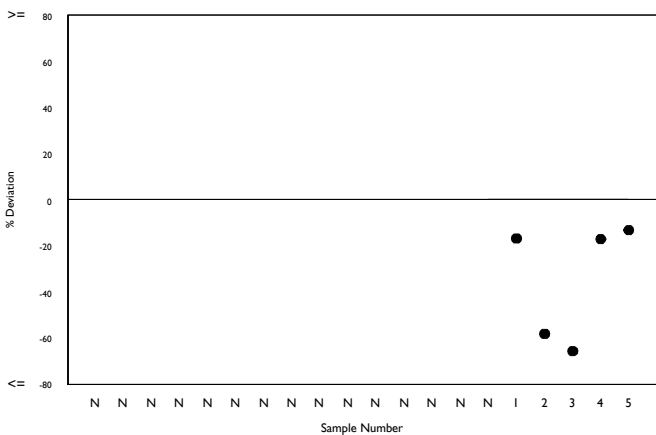
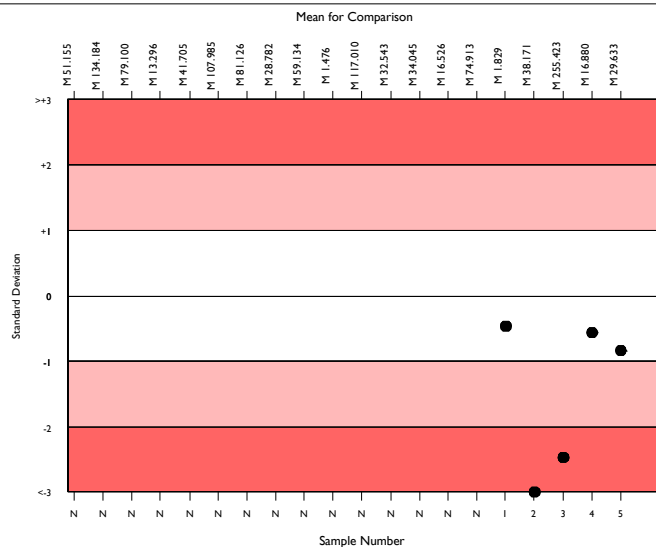
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	356	23.215	52.4	0.81	12.16	35
SNIBE Maglumi analysers	32	29.633	15.8	1.03	4.68	3

▲ Your Result	25.700	SDI	-0.84
		RMSDI	Too Few
■ Mean for Comparison	29.633	TS	N/A
		RMTS	N/A
		%DEV	-13.3
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 4000/e411	82	16.381	35.0	0.79
Siemens/DPC Immulite 2000/2500	63	50.342	19.4	1.54
Roche Cobas e601 / 602	59	16.733	30.9	0.84
Roche Cobas e402/e801	57	16.638	24.5	0.67
SNIBE Maglumi analysers	32	29.633	15.8	1.03
DiaSorin Liaison XL	24	36.241	27.2	2.52
Tosoh AIA Series	10	22.997	35.6	3.24
Mindray CL 8000i/6000i/2000i/1200i/1000i	4	18.435	0.8	0.09
DIAsource IRMA	5	30.602	18.9	3.23
Siemens/DPC Immulite 1000	5	43.340	45.0	10.91
Roche Elecsys	4	16.532	33.3	3.44
Tosoh AIA-CL Series	5	21.540	42.1	5.07
DiaSorin, Liaison	3	40.943	40.1	11.86
AutoBio CLIA	2	24.965	5.9	1.29
Mindray CL 900i	2	18.185	1.1	0.18

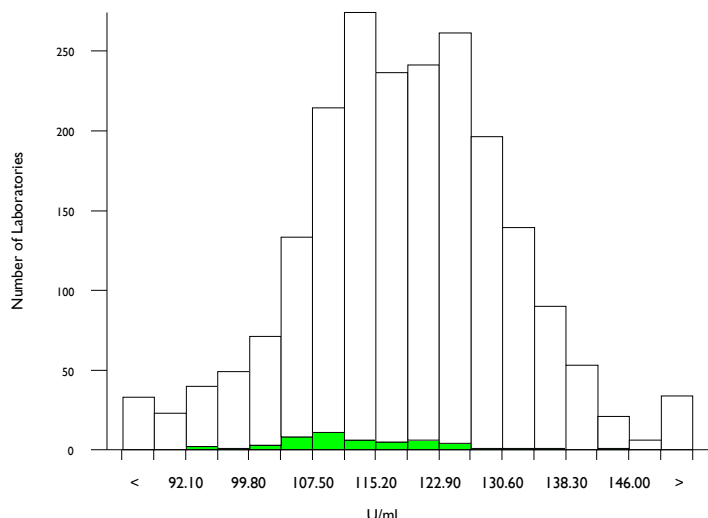


AFP, U/ml

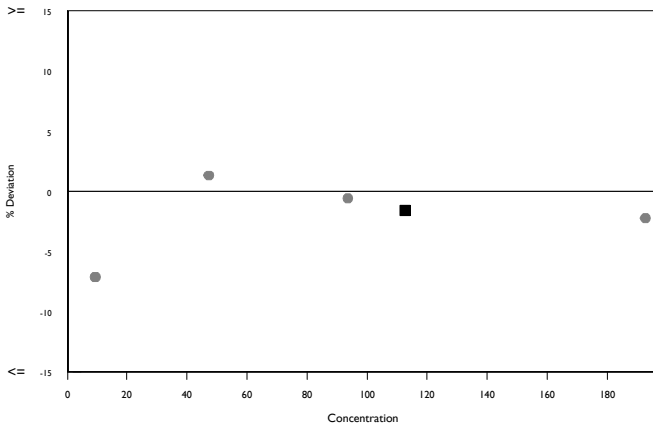
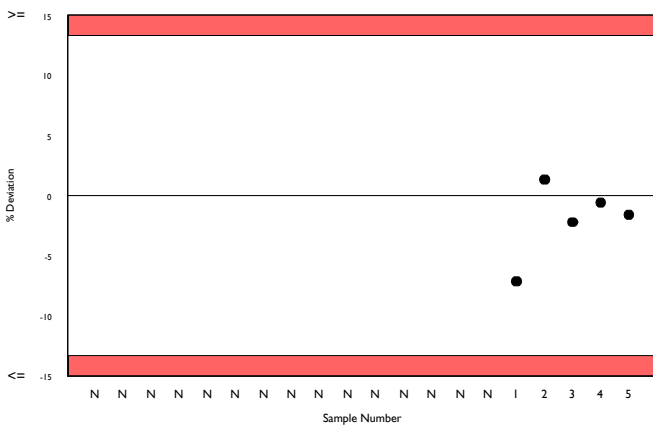
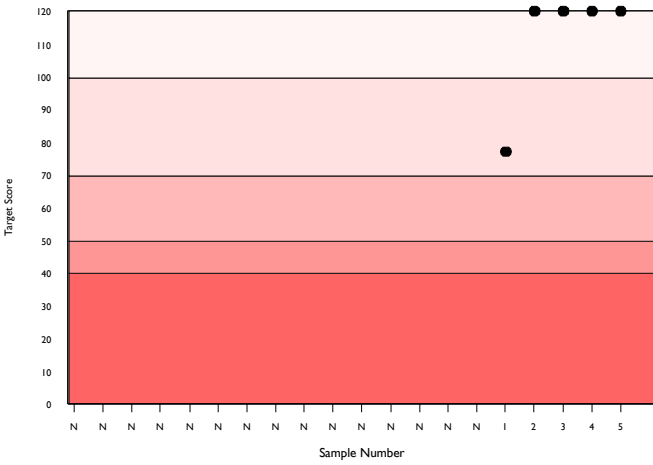
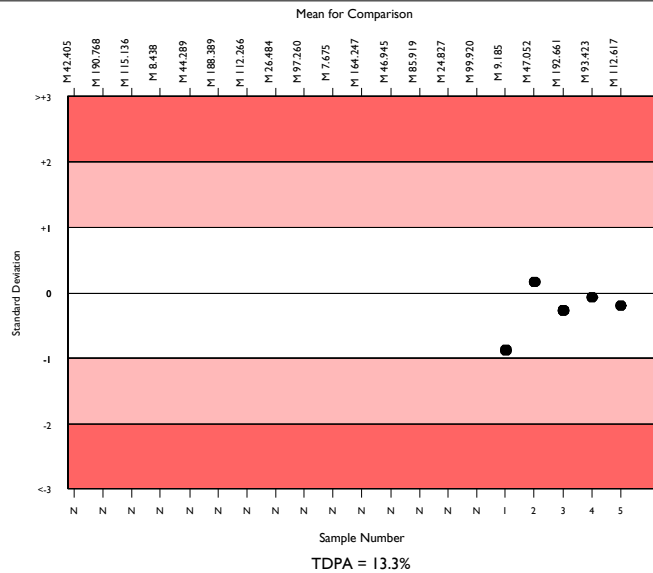
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1974	119.052	8.6	0.29	9.63	143
bioMerieux, Vidas/Mini Vidas	47	112.617	7.4	1.52	9.11	3

▲ Your Result	110.800	SDI	-0.20
		RMSDI	Too Few
■ Mean for Comparison	112.617	TS	120
		RMTS	Too Few
		%DEV	-1.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.30%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	312	124.839	5.2	0.46
Roche Cobas 4000/e411	234	125.875	7.3	0.75
Abbott Architect	226	113.010	3.9	0.37
Roche Cobas e402/e801	192	124.621	4.3	0.49
Abbott Alinity i	187	112.965	3.8	0.39
Beckman Dxl 600/800	156	103.867	8.1	0.84
Beckman Access/LXi725	84	108.738	8.6	1.28
Siemens Atellica IM	85	129.805	5.0	0.89
Siemens Centaur XP/XPT	62	131.024	5.0	1.04
Ortho Vitros 3600/5600/ECi/ XT 7600	55	113.677	7.8	1.50
SNIBE Maglumi analysers	46	118.681	5.7	1.24
bioMerieux, Vidas/Mini Vidas	47	112.617	7.4	1.52
Mindray CL 8000i/6000i/2000i/1200i/1000i	37	117.073	4.4	1.07
Siemens/DPC Immulite 2000/2500	35	110.216	7.1	1.66
Tosoh AIA Series	28	111.583	5.4	1.42
Roche Elecsys	24	119.710	9.5	2.90
DiaSorin Liaison XL	20	126.653	6.0	2.12
Siemens Centaur CP	13	128.182	4.4	1.97
Tosoh AIA-CL Series	11	103.956	5.0	1.96
Immunotech IRMA	10	117.092	9.3	4.32
Siemens/DPC Immulite 1000	9	117.291	12.5	6.09

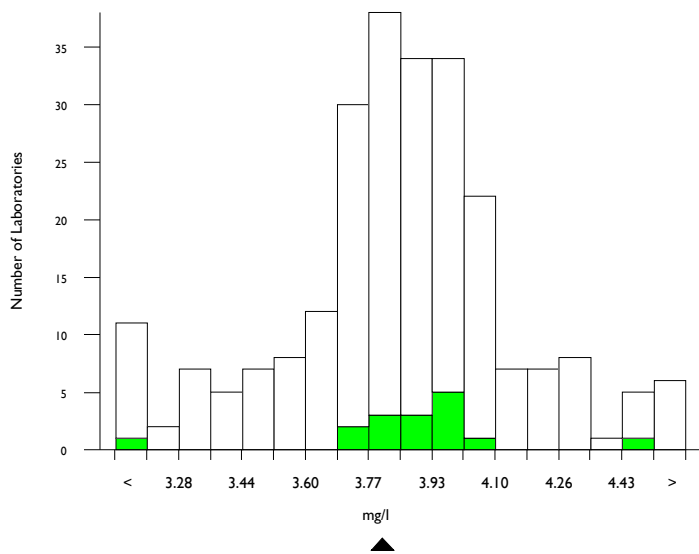


Beta-2-Microglobulin, mg/l

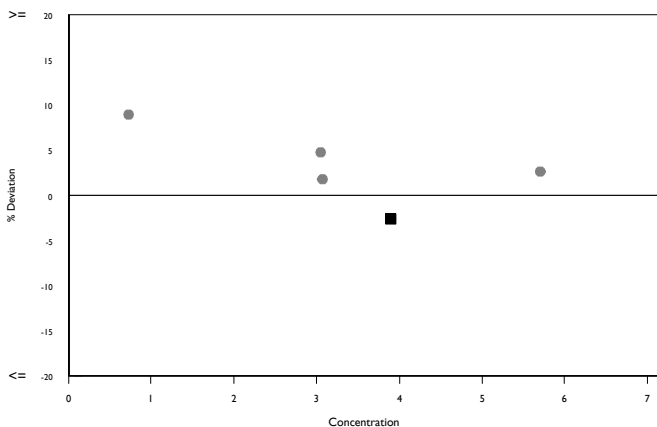
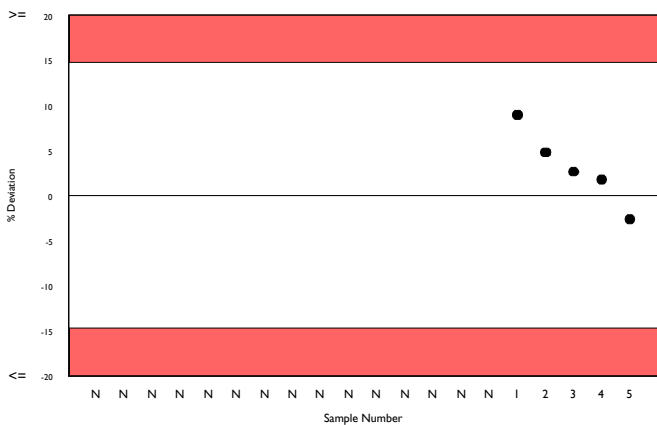
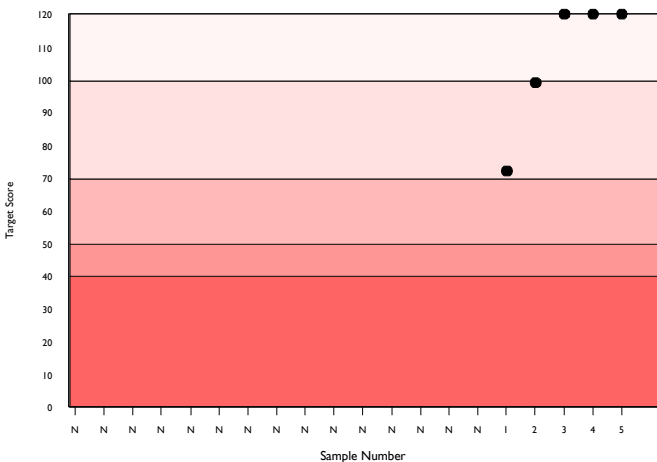
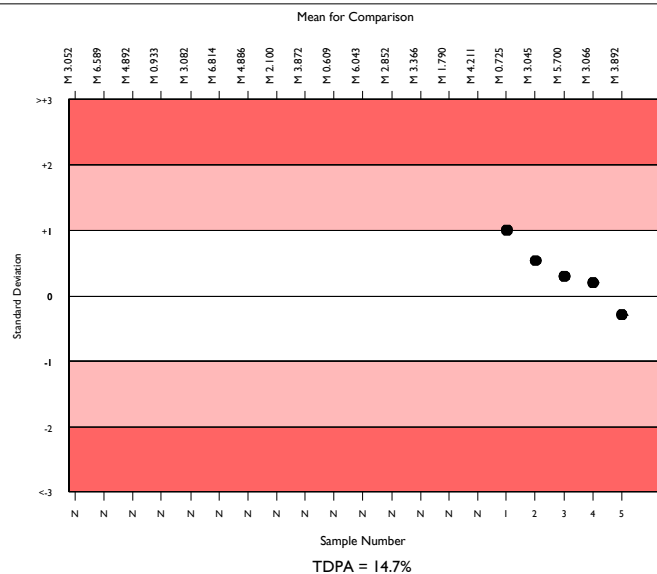
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	220	3.857	5.7	0.02	0.34	26
Abbott Architect	14	3.892	2.9	0.04	0.35	2

▲ Your Result	3.790	SDI	-0.29
		RMSDI	Too Few
■ Mean for Comparison	3.892	TS	120
		RMTS	Too Few
		%DEV	-2.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	14.70%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	48	3.860	3.5	0.02
bioMérieux, VIDAS	26	4.020	8.7	0.09
Siemens/DPC Immulite 2000/2500	24	3.643	10.2	0.09
Abbott Alinity	19	3.926	2.0	0.02
Abbott Architect	14	3.892	2.9	0.04
Siemens Atellica CH	13	4.085	3.5	0.05
SNIBE Maglumi analysers	11	3.705	2.1	0.03
Siemens/Behring Nephelometer	7	3.813	3.7	0.07
DiaSorin, Liaison	7	3.889	6.9	0.13
Tosoh AIA-CL Series	8	3.855	4.4	0.07
Beckman AU Instruments	7	3.630	5.2	0.09
DiaSorin Liaison XL	7	3.480	8.7	0.14
Tosoh AIA Series	7	4.051	4.8	0.09
BioSystems Latex	4	4.028	5.0	0.13
Binding Site Optilite	3	3.895	0.2	0.01
Roche Tinaquant	2	3.805	2.4	0.08
Siemens Advia 1200/1650/1800/2400	2	4.055	9.6	0.34
Siemens/DPC Immulite 1000	2	4.037	8.4	0.30
Roche Elecsys	2	3.800	3.7	0.12
Roche Integra	2	3.535	11.0	0.34
Roche Cobas 4000/c311	2	3.685	2.5	0.08



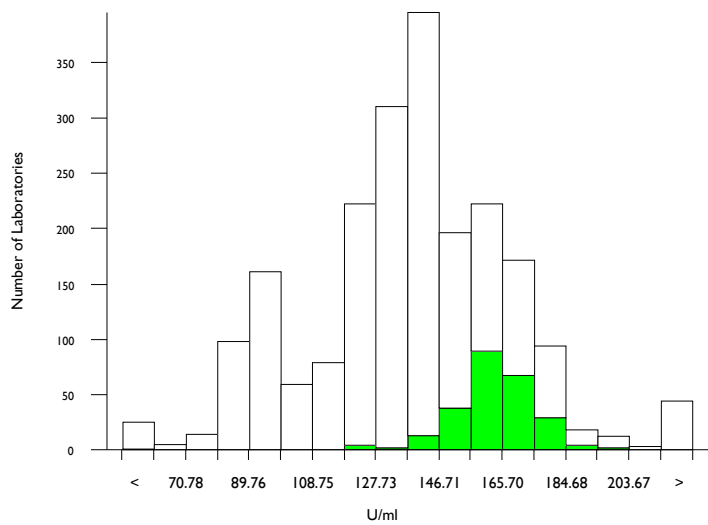
CA 125, U/ml

- All Methods
- Abbott Architect

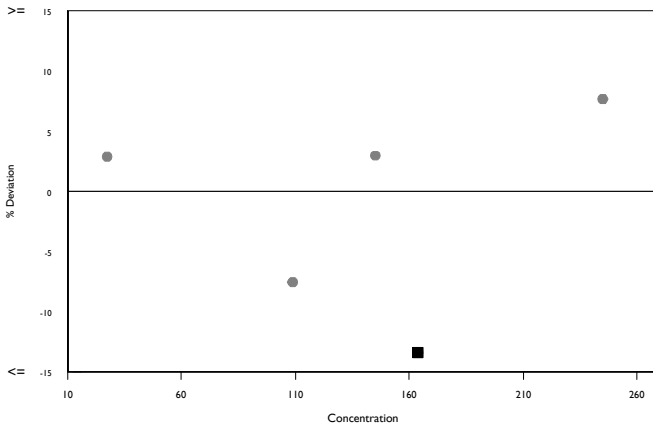
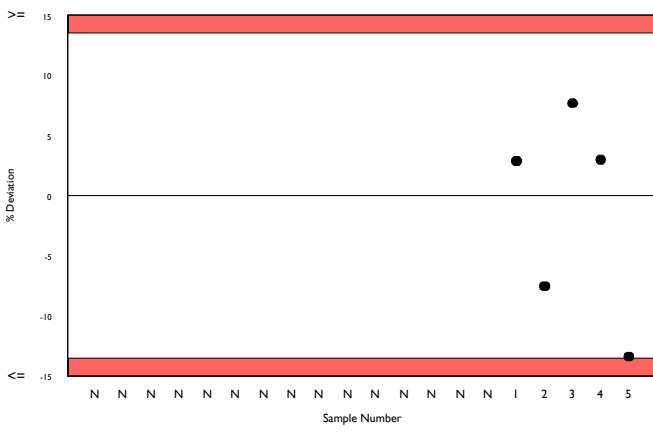
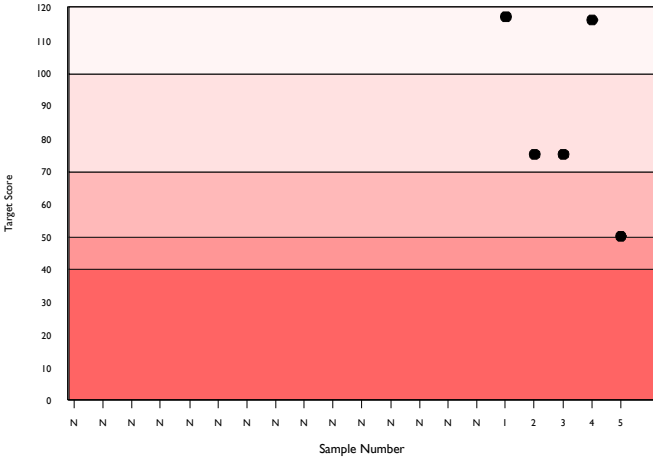
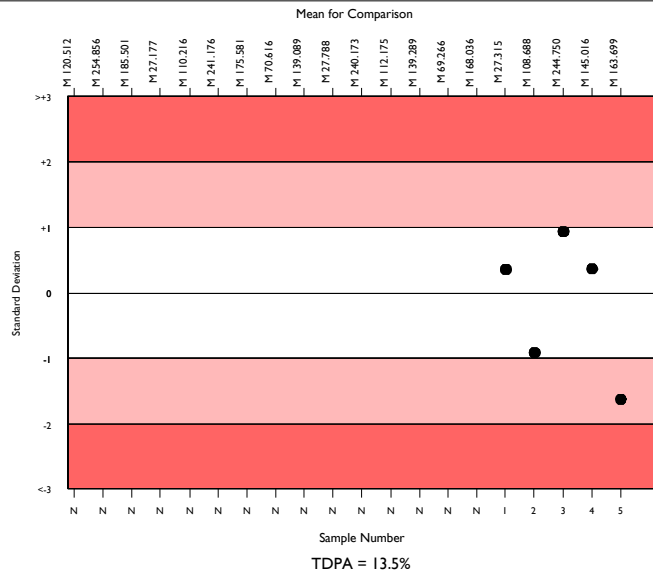
N	Mean	CV%	U _m	SDPA	Exc.
2023	137.227	18.4	0.70	11.26	105
232	163.699	5.7	0.76	13.44	17

▲ Your Result	141.800	SDI	-1.63
		RMSDI	Too Few
■ Mean for Comparison	163.699	TS	50
		RMTS	Too Few
		%DEV	-13.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.50%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	328	138.963	3.6	0.34
Roche Cobas 4000/e41 I	259	140.885	6.7	0.73
Abbott Architect	232	163.699	5.7	0.76
Roche Cobas e402/e80 I	195	125.385	3.7	0.42
Abbott Alinity	190	167.740	4.9	0.75
Beckman Dxl 600/800	135	90.738	5.2	0.51
Siemens Atellica IM	81	155.895	4.5	0.98
Beckman Access/LXi725	73	91.121	4.3	0.57
bioMerieux, VIDAS	66	140.395	4.8	1.03
Ortho Vitros 3600/5600/ECi/XT 7600	58	119.631	3.8	0.75
SNIBE Maglumi analysers	52	98.859	7.8	1.34
Centaur XP/XPT CA125 II Kit	42	132.599	5.9	1.51
Mindray CL 8000i/6000i/2000i/1200i/1000i	40	178.294	7.8	2.75
Tosoh AIA Series	30	256.067	5.9	3.44
Siemens/DPC Immulite 2000/2500	29	95.221	5.8	1.29
Roche Elecsys	23	130.972	9.3	3.16
DiaSorin Liaison XL	19	177.121	3.3	1.68
Siemens Centaur XP/XPT OV Kit	16	132.588	6.3	2.59
Siemens Centaur CP CA125 II Kit	17	129.188	9.7	3.81
Tosoh AIA-CL Series	8	216.113	1.2	1.11
Siemens/DPC Immulite 1000	7	106.171	7.6	3.82

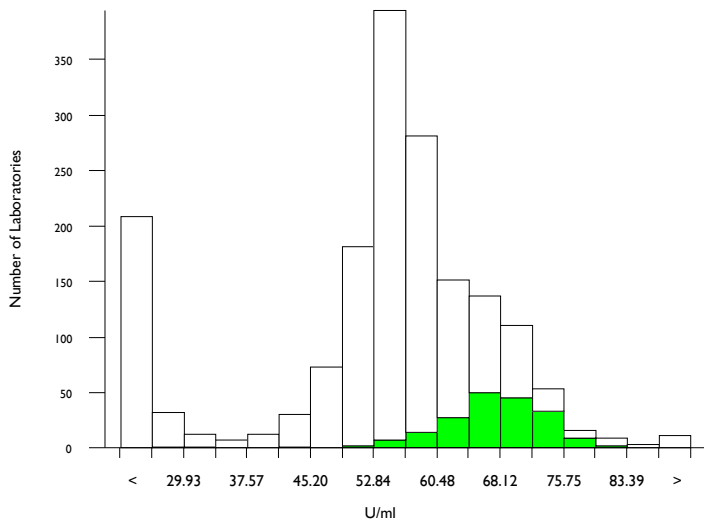


CA 15-3, U/ml

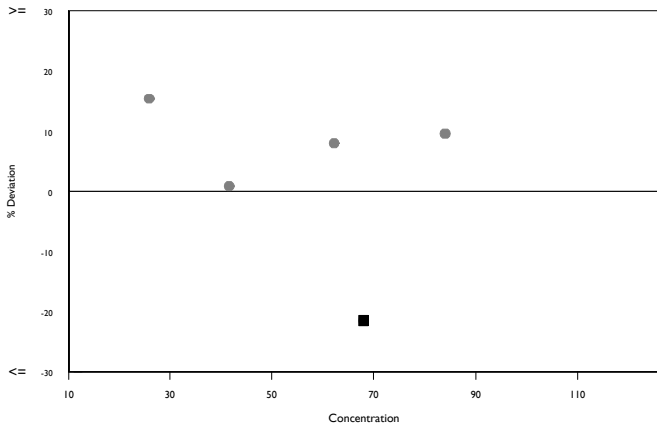
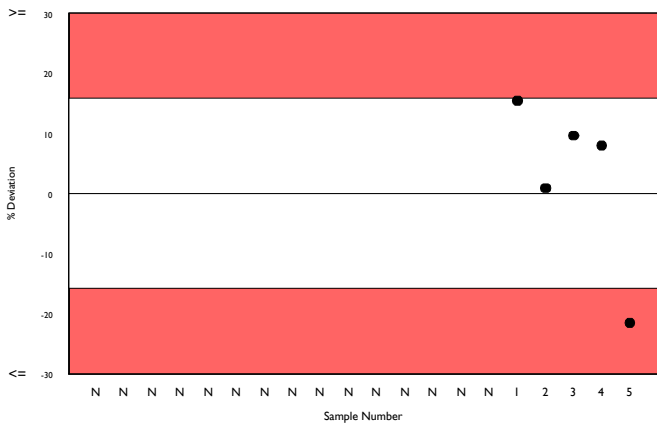
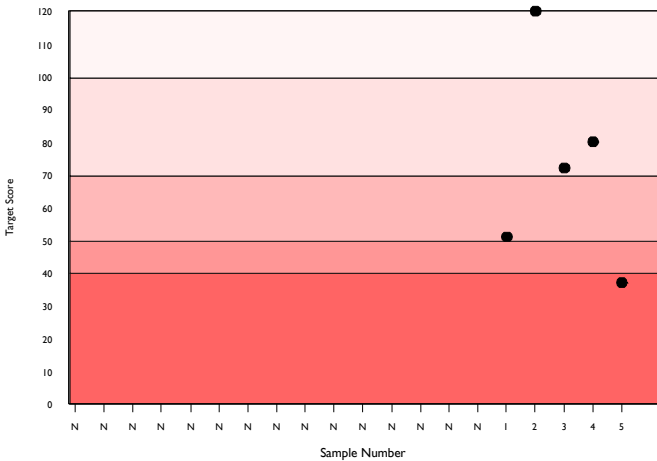
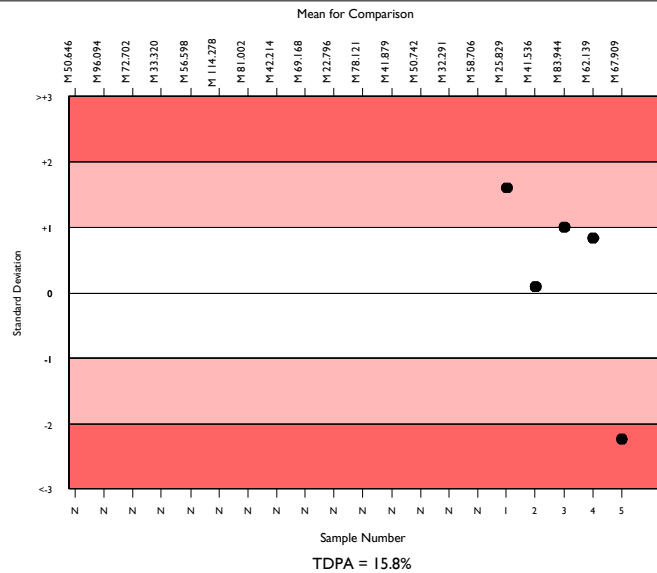
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1532	56.664	18.0	0.33	5.44	189
Abbott Architect	179	67.909	7.3	0.47	6.52	13

▲ Your Result	53.300	SDI	-2.24
		RMSDI	Too Few
■ Mean for Comparison	67.909	TS	37
		RMTS	Too Few
		%DEV	-21.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.80%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	274	56.441	5.7	0.24
Roche Cobas 4000/e41 I	199	57.182	5.6	0.28
Abbott Architect	179	67.909	7.3	0.47
Roche Cobas e402/e80 I	162	55.222	3.7	0.20
Abbott Alinity i	153	66.507	5.5	0.37
Beckman Dxl 600/800	113	22.305	7.8	0.21
Siemens Atellica IM	70	55.330	5.4	0.45
Beckman Access/LXi725	56	22.135	6.4	0.24
BioMerieux VIDAS	54	50.526	3.8	0.33
Siemens Centaur XP/XPT	51	51.950	8.8	0.80
SNIBE Maglumi analysers	39	75.908	11.3	1.72
Ortho Vitros 3600/5600/ECi/XT 7600	36	50.008	6.9	0.72
Mindray CL 8000i/6000i/2000i/1200i/1000i	35	27.311	7.7	0.44
Siemens/DPC Immulite 2000/2500	29	49.612	7.5	0.86
Tosoh AIA Series	19	62.063	12.6	2.24
Roche Elecsys	17	55.884	7.1	1.20
DiaSorin Liaison XL	12	53.983	3.7	0.73
Tosoh AIA-CL Series	7	51.386	2.8	0.69
ImmuneTech IRMA	8	55.262	6.4	1.56
Siemens Centaur CP	7	49.400	14.1	3.30
Mindray CL 900i	6	26.547	10.1	1.36

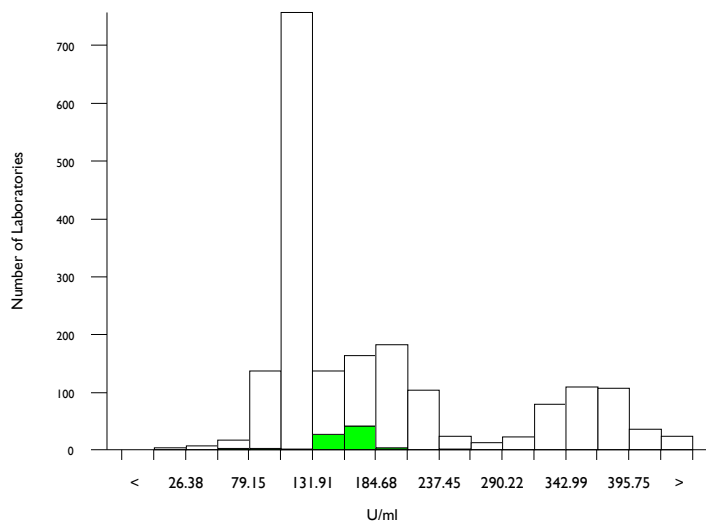


CA I9-9, U/ml

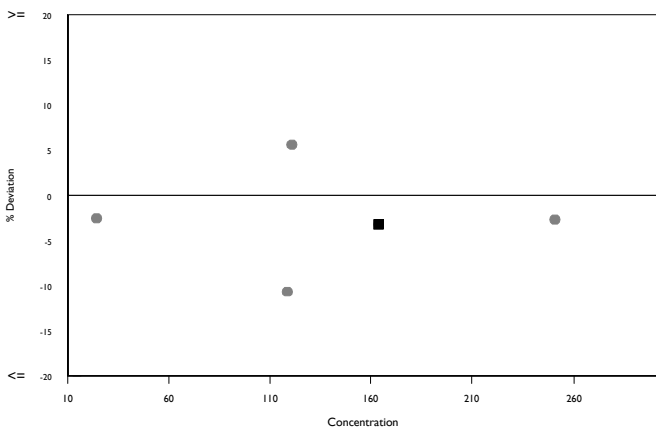
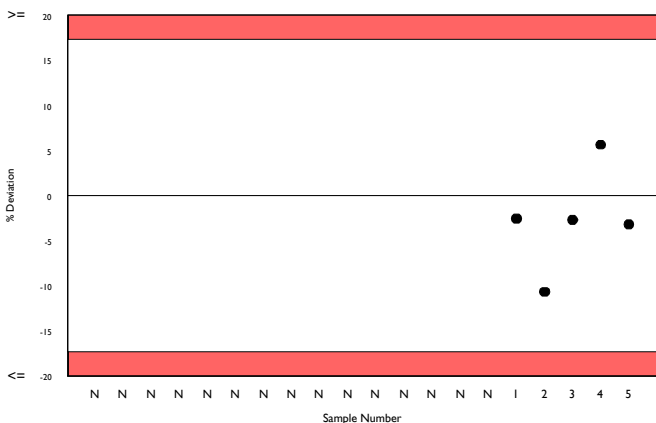
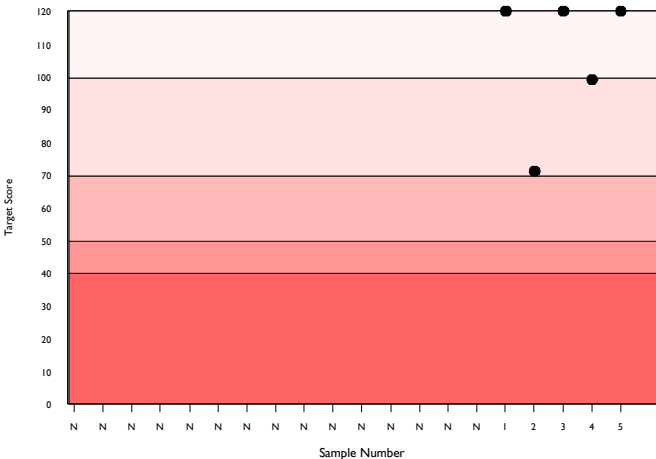
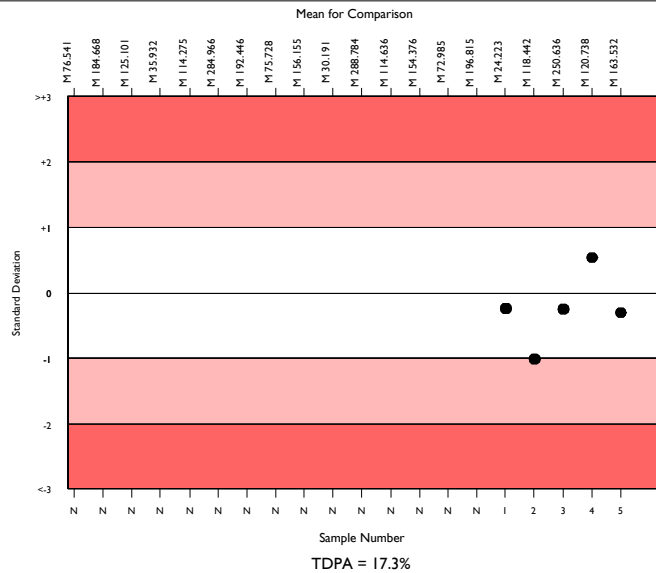
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1804	172.746	48.1	2.45	18.17	114
bioMerieux, VIDAS	69	163.532	6.5	1.60	17.20	12

▲ Your Result	158.260	SDI RMSDI	-0.31 Too Few
■ Mean for Comparison	163.532	TS RMTS	120 Too Few
		%DEV RM%DEV	-3.2 Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	17.30%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	314	117.604	4.1	0.34
Roche Cobas 4000/e41 I	220	119.938	7.8	0.79
Abbott Architect XR	187	356.955	8.3	2.71
Roche Cobas e402/e80 I	168	118.158	4.2	0.48
Abbott Alinity XR	167	367.034	7.5	2.67
Beckman Dxl 600/800	134	197.978	6.0	1.27
Siemens Atellica IM	77	186.526	4.8	1.28
bioMerieux, VIDAS	69	163.532	6.5	1.60
Beckman Access/LXi725	59	219.096	5.7	2.03
Siemens Centaur XP/XPT	55	158.246	9.0	2.40
Ortho Vitros 3600/5600/ECi/XT 7600	52	228.390	5.0	1.98
SNIBE Maglumi analysers	43	99.653	9.4	1.78
Mindray CL 8000i/6000i/2000i/1200i/1000i	36	107.600	6.5	1.45
Siemens/DPC Immulite 2000/2500	25	166.224	6.5	2.69
Tosoh AIA Series	28	102.757	7.9	1.93
Roche Elecsys	18	118.283	5.1	1.77
Siemens Centaur CP	13	142.389	14.0	6.92
DiaSorin Liaison XL	14	162.619	8.7	4.75
Tosoh AIA-CL Series	7	151.657	4.6	3.29
Izotop RIA	7	145.159	3.1	2.13
ELISA	5	110.156	11.4	7.00

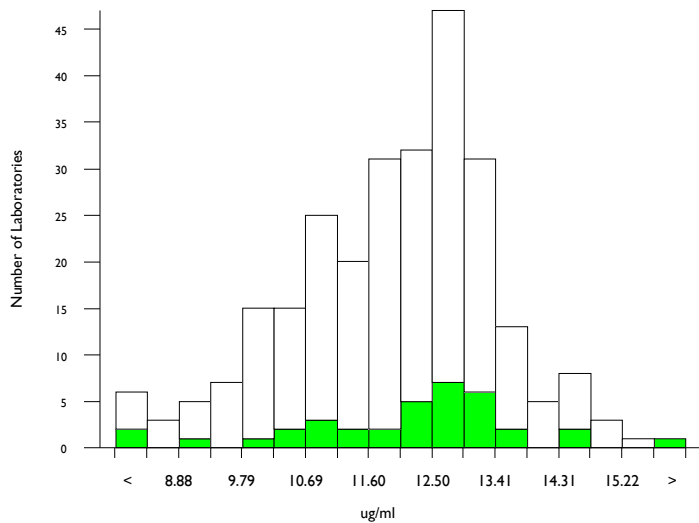


Carbamazepine, ug/ml

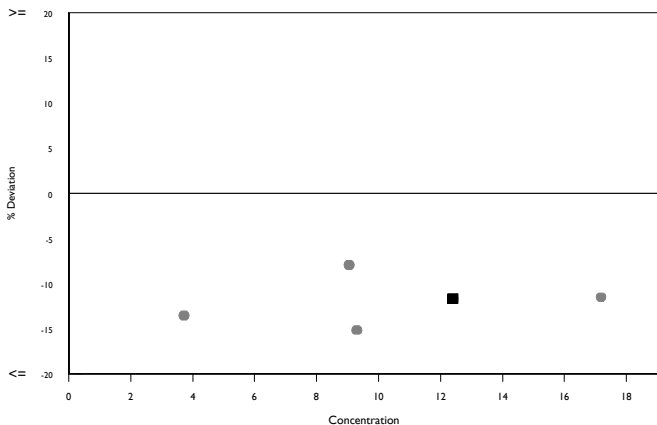
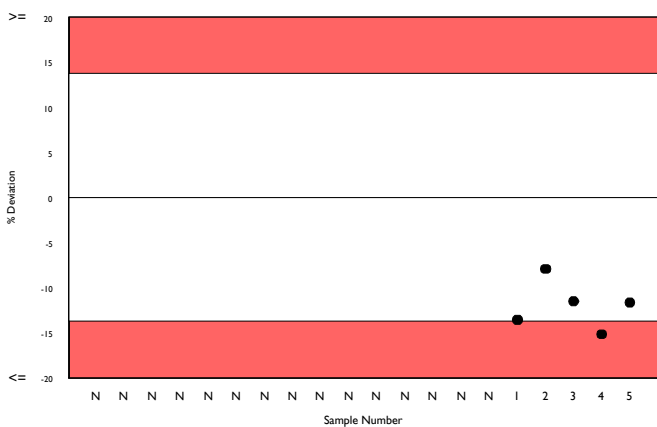
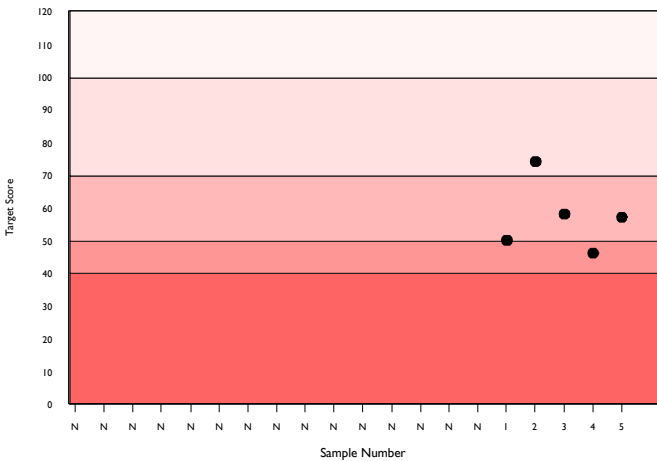
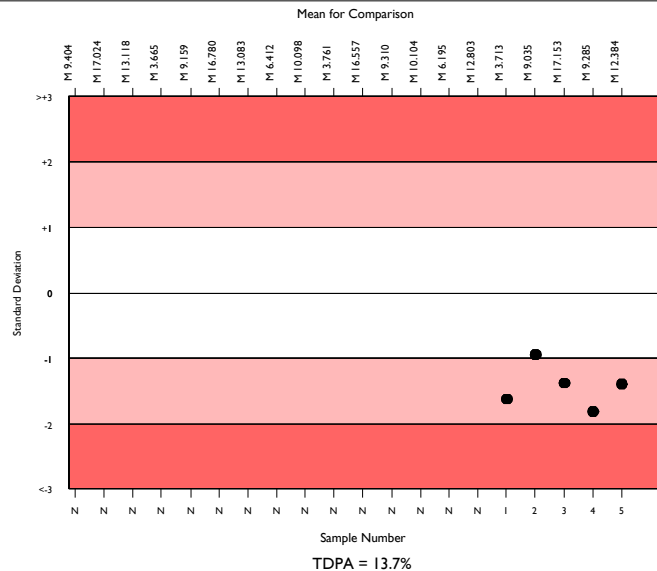
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	251	12.057	10.0	0.10	1.00	18
Abbott Architect (CMIA)	32	12.384	8.9	0.24	1.03	4

▲ Your Result	10.940	SDI	-1.40
		RMSDI	Too Few
■ Mean for Comparison	12.384	TS	57
		RMTS	Too Few
		%DEV	-11.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.70%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	71	12.630	4.7	0.09
Abbott Architect (CMIA)	32	12.384	8.9	0.24
Abbott Alinity (PETINA)	28	10.632	5.8	0.15
Beckman AU Instruments	19	12.960	7.5	0.28
Roche Integra	19	13.017	4.9	0.18
Siemens/DPC Immulite 2000/2500	13	10.049	6.8	0.24
Siemens Atellica CH	9	11.832	6.7	0.33
Siemens Centaur XP/XPT	9	12.399	14.8	0.76
Abbott Architect (PETINIA)	8	10.821	4.9	0.24
Abbott Alinity (CMIA)	6	10.763	16.0	0.88
EMIT	5	13.009	7.9	0.57
Roche Cobas 4000/c311	5	12.330	5.8	0.40
Siemens Dimension	4	11.086	6.2	0.43
Beckman DxC	4	12.341	6.7	0.52
Vitros	4	10.888	2.4	0.16
Siemens ADVIA 1200/1650/1800/2400	3	12.289	15.1	1.34
Siemens Syva/Emit	2	13.428	12.9	1.54
Siemens Centaur CP	2	12.075	12.6	1.34
Randox Rx Daytona/Imola	2	8.020	4.9	0.35
Siemens/DPC Immulite 1000	2	10.698	2.7	0.25
GC/MS	2	10.740	0.0	0.00

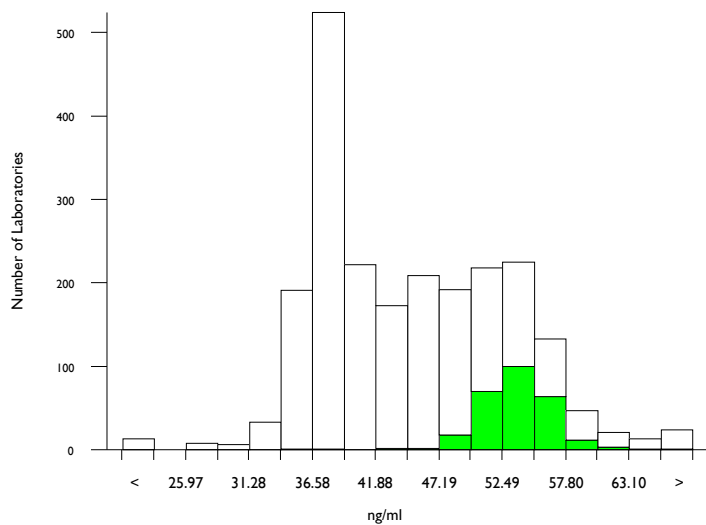


CEA, ng/ml

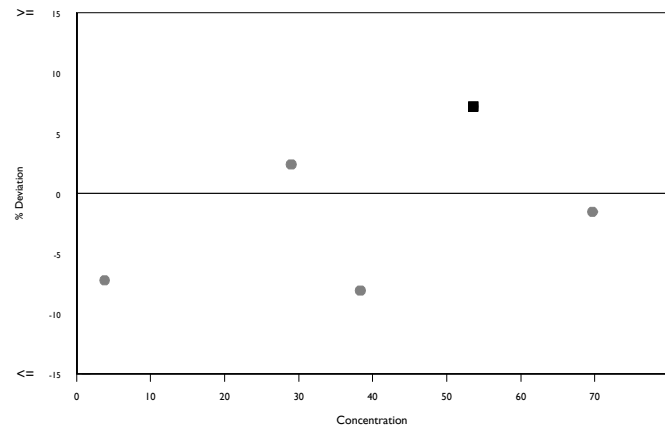
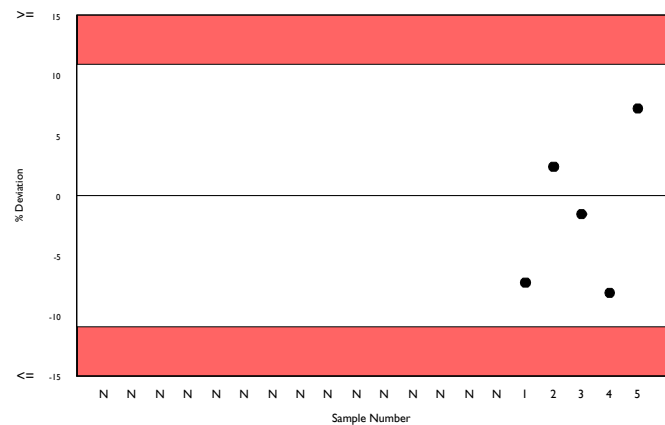
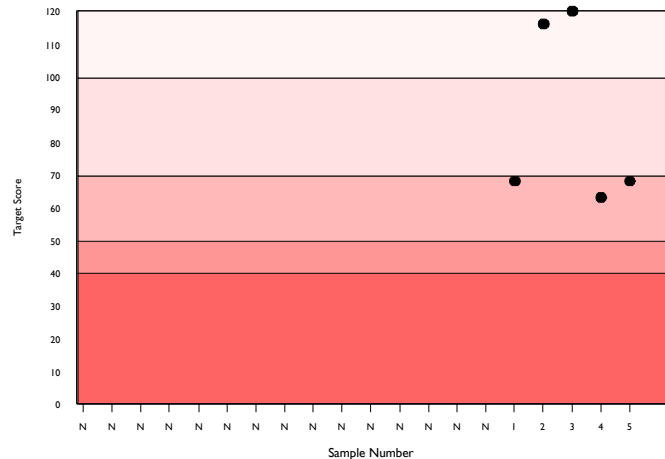
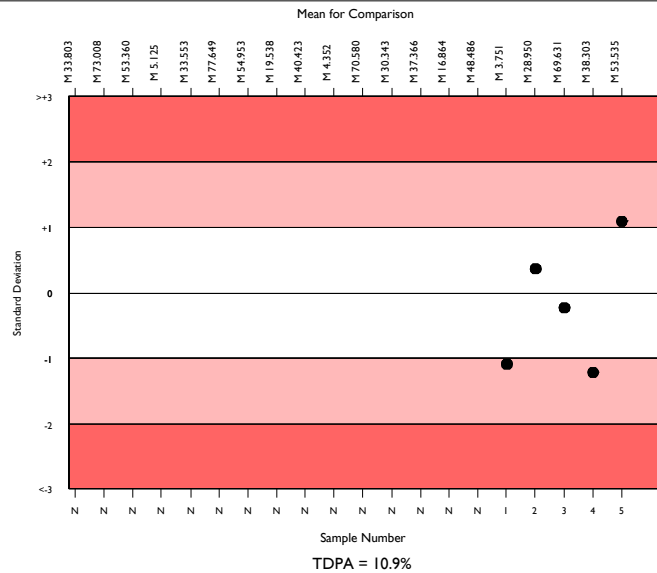
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2170	44.542	15.9	0.19	2.95	85
Abbott Architect	255	53.535	4.3	0.18	3.55	20

▲ Your Result	57.390	SDI	1.09
		RMSDI	Too Few
■ Mean for Comparison	53.535	TS	68
		RMTS	Too Few
		%DEV	7.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	10.90%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	335	37.498	3.4	0.09
Roche Cobas 4000/e41 I	259	37.805	5.3	0.15
Abbott Architect	255	53.535	4.3	0.18
Abbott Alinity i	217	53.841	4.1	0.19
Roche Cobas e402/e801	201	38.202	3.5	0.12
Beckman Dxl 600/800	143	44.032	5.9	0.27
Siemens Atellica IM	95	47.751	4.8	0.29
Beckman Access/LXi725	79	46.252	5.2	0.34
bioMerieux, VIDAS	63	48.771	6.9	0.53
Siemens Centaur XP/XPT	65	47.992	5.4	0.40
Ortho Vitros 3600/5600/ECi/XT 7600	61	46.458	4.3	0.32
SNIBE Maglumi analysers	47	42.673	7.1	0.55
Mindray CL 8000i/6000i/2000i/1200i/1000i	45	44.870	6.3	0.52
Tosoh AIA Series	34	57.881	7.6	0.94
Siemens/DPC Immulite 2000/2500	29	64.426	5.7	0.85
Roche Elecsys	23	37.260	4.0	0.39
DiaSorin Liaison XL	21	47.791	7.4	0.97
Siemens Centaur CP	17	47.465	5.2	0.75
ImmunoTech IRMA	13	44.258	4.0	0.61
Tosoh AIA-CL Series	7	54.357	2.2	0.57
Boditech Med Inc i-CHROMA	7	54.743	13.2	3.42

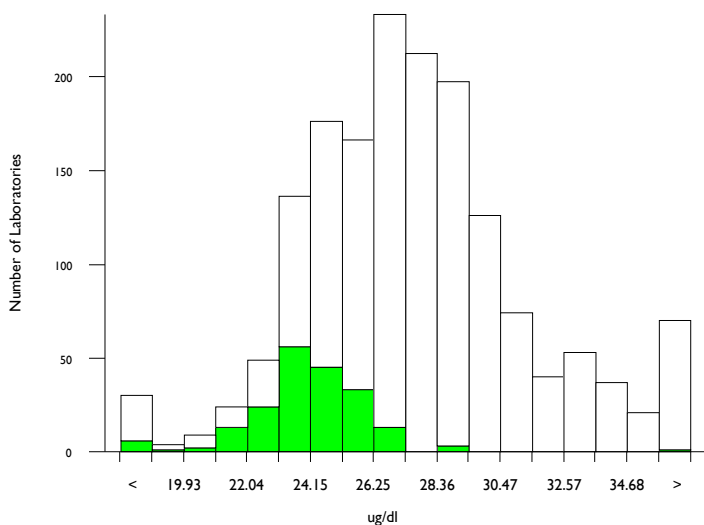


Cortisol, ug/dl

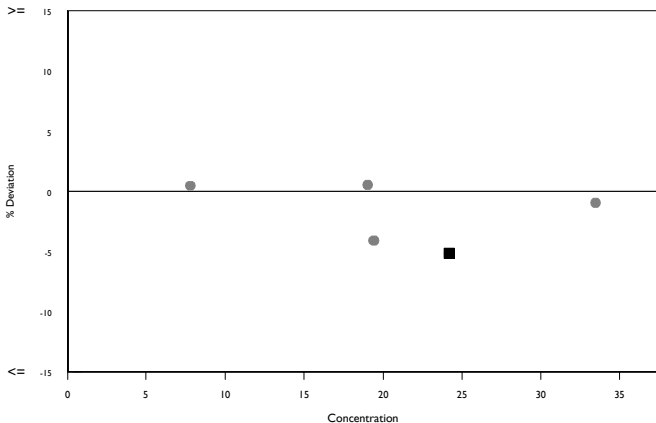
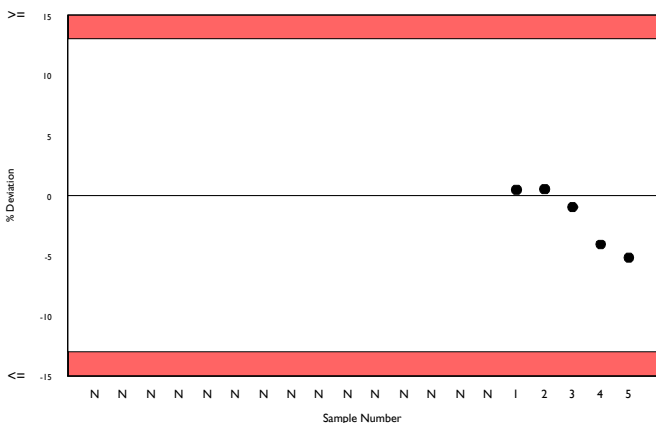
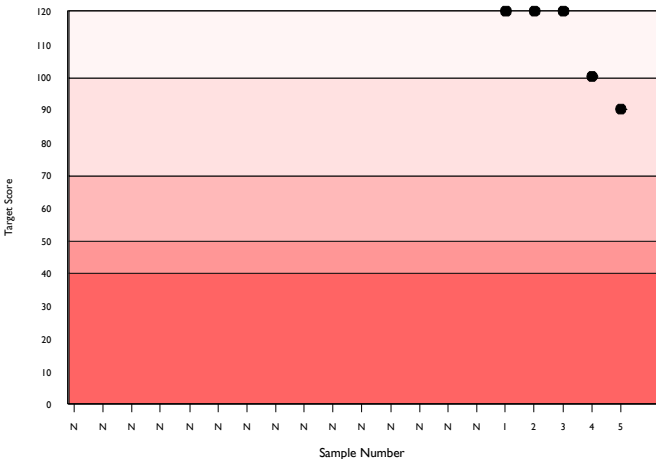
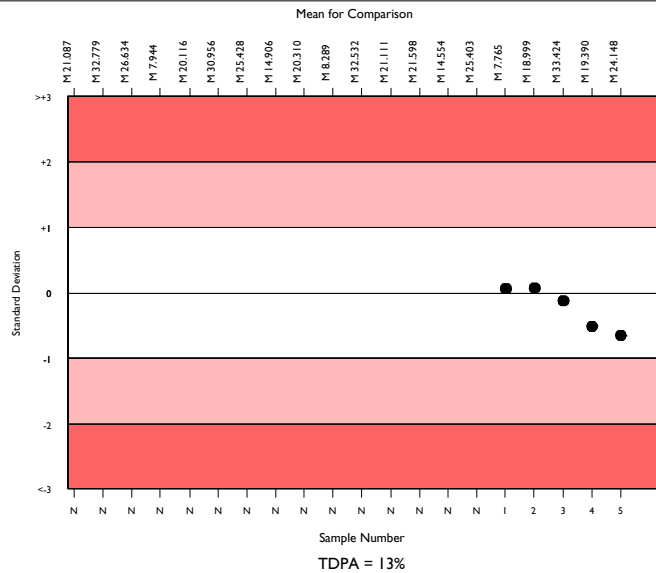
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1521	27.311	10.3	0.09	2.16	137
Abbott Architect	183	24.148	5.5	0.12	1.91	14

▲ Your Result	22.900	SDI	-0.65
		RMSDI	Too Few
■ Mean for Comparison	24.148	TS	90
		RMTS	Too Few
		%DEV	-5.2
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Abbott Architect	183	24.148	5.5	0.12
Abbott Alinity i	154	24.375	4.0	0.10
Beckman Dxl 600/800	147	27.554	7.0	0.20
Roche Cobas e601/ 602 Gen II	131	27.801	4.3	0.13
Roche Cobas 4000/e41 I	125	28.783	5.9	0.19
Roche Cobas e601/ 602	111	27.824	4.1	0.13
Roche Cobas e402/e801	91	27.470	3.9	0.14
Siemens Atellica IM	68	34.293	6.3	0.33
Beckman Access/LXi725	63	30.626	9.7	0.47
Roche Cobas e801 Gen II	54	27.334	3.7	0.17
Roche Cobas 4000/e41 I Gen II	53	29.309	6.0	0.30
Siemens Centaur XP/XPT	49	32.122	7.8	0.45
SNIBE Maglumi analysers	44	30.679	12.2	0.70
Ortho Vitros 3600/5600/ECi/XT 7600	39	25.939	4.9	0.25
Siemens/DPC Immulite 2000/2500	34	25.106	8.8	0.47
Mindray CL 8000i/6000i/2000i/1200i/1000i	29	26.016	7.1	0.43
Tosoh AIA Series	25	29.170	9.0	0.66
bioMerieux, VIDAS	17	25.670	10.1	0.78
Roche Elecsys	15	28.578	7.2	0.66
Immunotech RIA	10	29.355	5.8	0.67
Siemens/DPC Immulite 1000	10	27.271	8.7	0.94

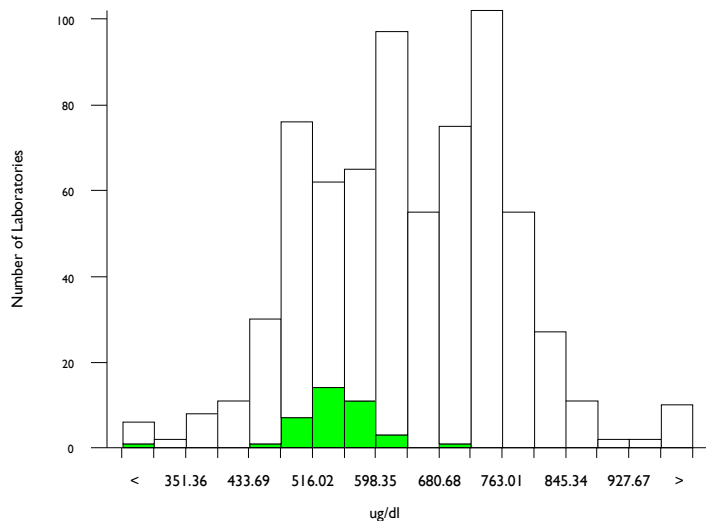


DHEA-S, ug/dl

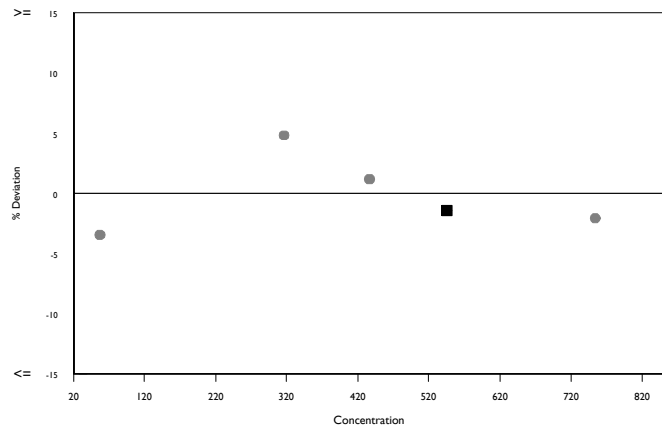
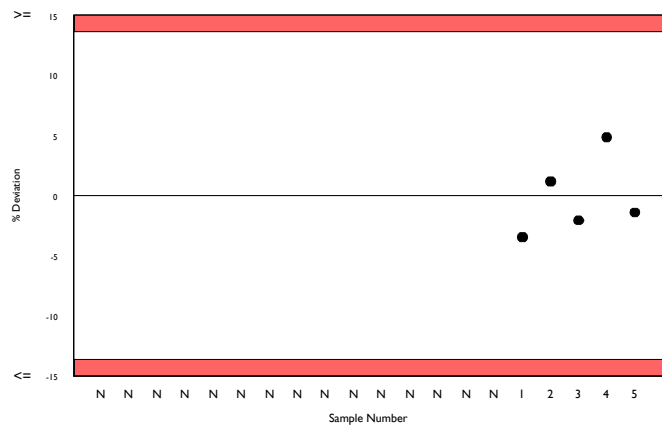
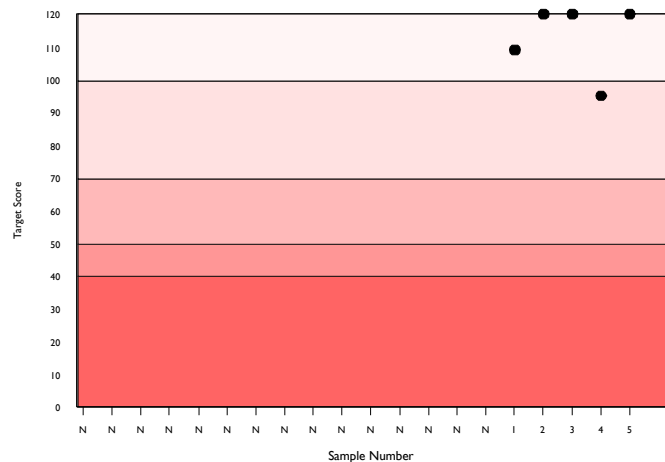
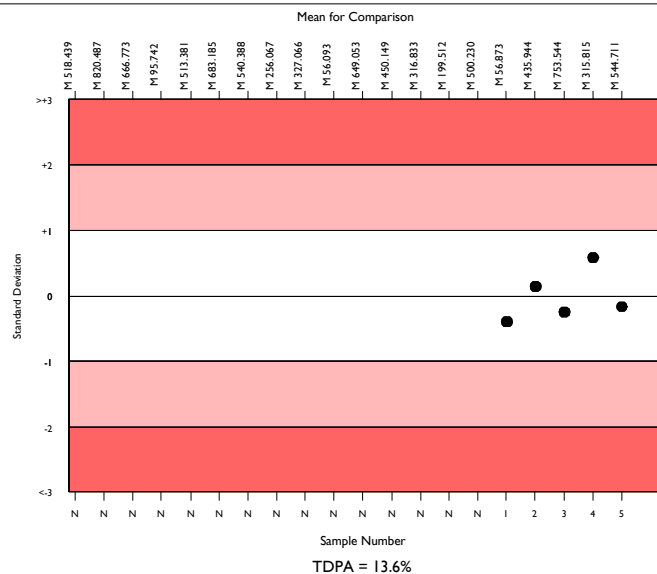
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	664	639.520	17.2	5.32	52.87	34
SNIBE Maglumi analysers	35	544.711	6.1	7.01	45.04	3

▲ Your Result	537.000	SDI	-0.17
		RMSDI	Too Few
■ Mean for Comparison	544.711	TS	120
		RMTS	Too Few
		%DEV	-1.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.60%



Method	N	Mean	CV%	U _m
Roche Cobas e402/e801	95	726.135	3.7	3.44
Roche Cobas 4000/e411	82	765.366	6.6	6.97
Roche Cobas e601/ 602	79	756.436	5.9	6.30
Abbott Alinity i	66	616.393	3.5	3.28
Abbott Architect	61	615.212	5.4	5.35
Siemens/DPC Immulite 2000/2500	44	533.451	6.7	6.72
Beckman Dxl 600/800	40	498.011	7.0	6.88
SNIBE Maglumi analysers	35	544.711	6.1	7.01
Siemens Atellica IM	30	480.825	3.6	3.94
Siemens Centaur XP/XPT	15	497.683	9.5	15.25
Beckman Access/LXi725	13	528.108	10.7	19.53
Mindray CL 8000i/6000i/2000i/1200i/1000i	10	638.759	6.9	17.51
Tosoh AIA Series	10	593.104	5.4	12.57
Roche Elecsys	6	701.322	10.3	36.81
Siemens/DPC Immulite 1000	7	494.365	23.9	55.76
DiaSorin Liaison XL	6	508.767	25.8	66.86
Tosoh AIA-CL Series	5	686.580	3.4	13.23
ELISA	4	322.090	52.7	106.17
Siemens Centaur CP	4	473.800	13.3	39.44
LC/MS	4	422.051	13.9	36.63
Immunotech RIA	3	576.863	17.4	72.34



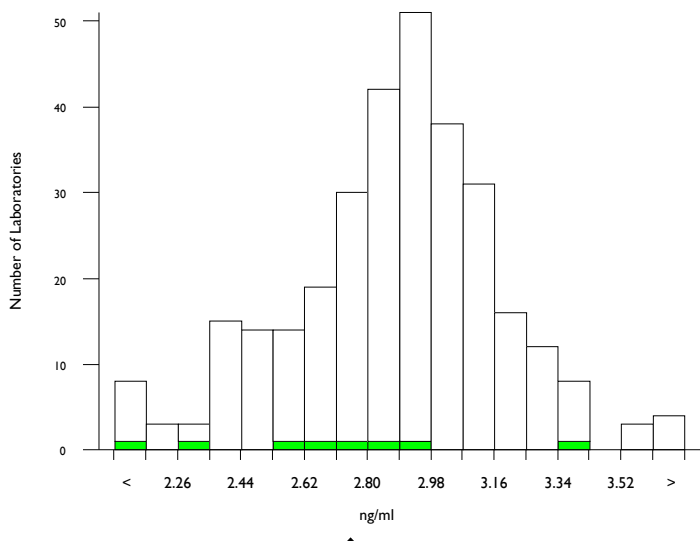
Digoxin, ng/ml

- All Methods
- bioMerieux, VIDAS

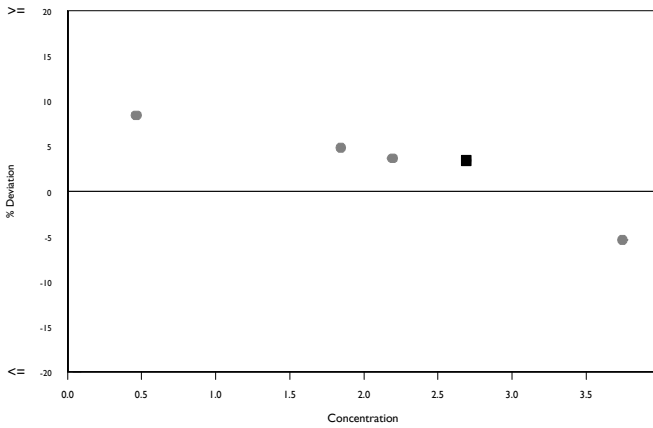
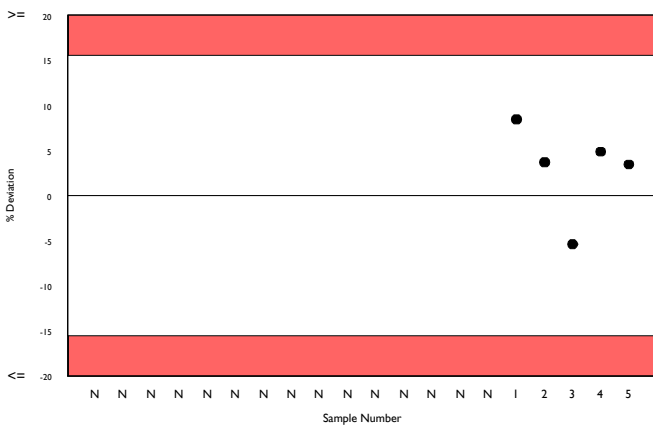
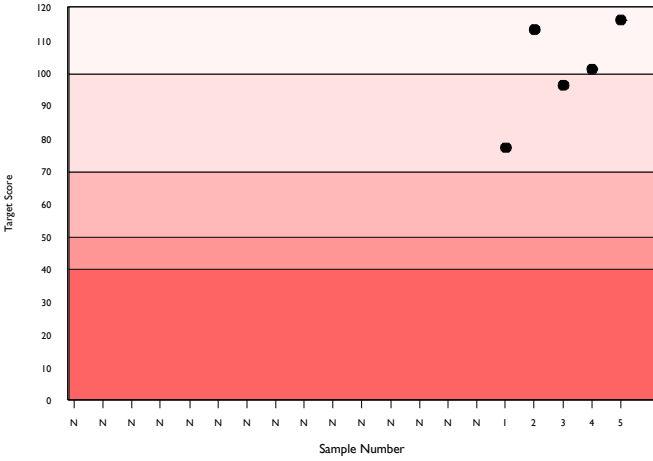
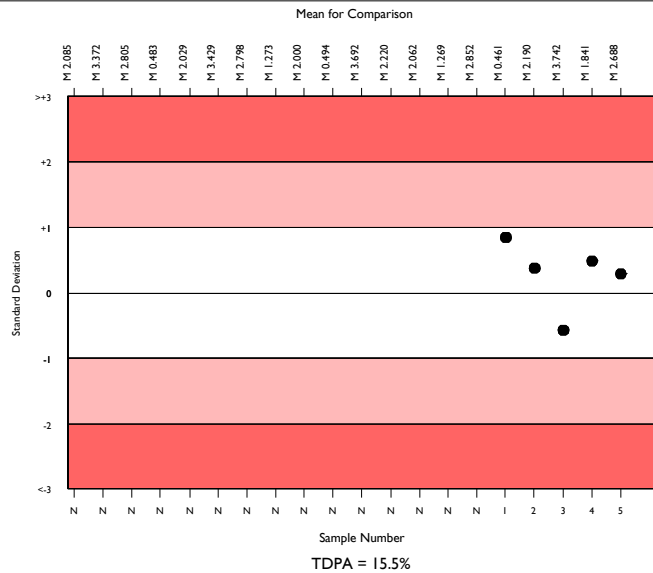
N	Mean	CV%	U _m	SDPA	Exc.
291	2.897	8.3	0.02	0.27	20
8	2.688	16.9	0.20	0.32a	0

▲ Your Result	2.780	SDI	0.29
		RMSDI	Too Few
■ Mean for Comparison	2.688	TS	116
		RMTS	Too Few
		%DEV	3.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.50%



Method	N	Mean	CV%	U _m
Abbott Architect (CMIA)	32	2.449	4.2	0.02
Roche Cobas C303/501/502/503/701	33	2.893	4.0	0.02
Abbott Alinity (PETINIA)	27	2.935	3.5	0.02
Roche Cobas e601/602	22	2.920	4.3	0.03
Roche Cobas e402/e801	22	2.926	3.4	0.03
Siemens Atellica IM	22	3.310	7.8	0.07
Beckman Dxl 600/800	18	2.884	4.8	0.04
Siemens Dimension	12	2.879	3.4	0.04
SNIBE Maglumi analysers	12	3.175	3.7	0.04
Abbott Architect (PETINIA)	11	2.734	10.6	0.11
Beckman AU Instruments	11	3.081	5.6	0.06
Roche Cobas 4000/e41 I	11	2.960	5.4	0.06
Abbott Alinity (CMIA)	8	2.724	6.3	0.08
bioMerieux, VIDAS	8	2.688	16.9	0.20
Siemens Centaur XP/XPT	8	3.222	3.2	0.05
Siemens/DPC Immulite 2000/2500	7	3.071	13.5	0.20
Roche Integra	6	2.996	5.3	0.08
Siemens Atellica CH	5	2.868	5.2	0.08
Siemens ADVIA 1200/1650/1800/2400	3	2.777	4.9	0.10
Beckman Access/LXi725	3	3.240	4.5	0.11
Beckman DxC	2	2.928	13.1	0.34

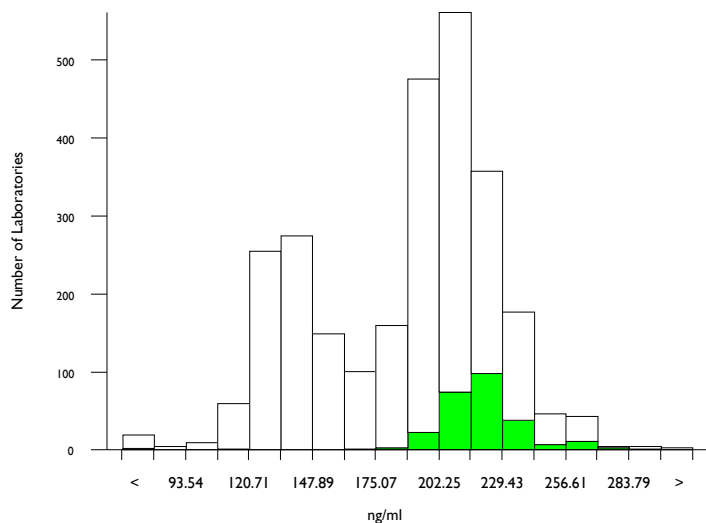


Ferritin, ng/ml

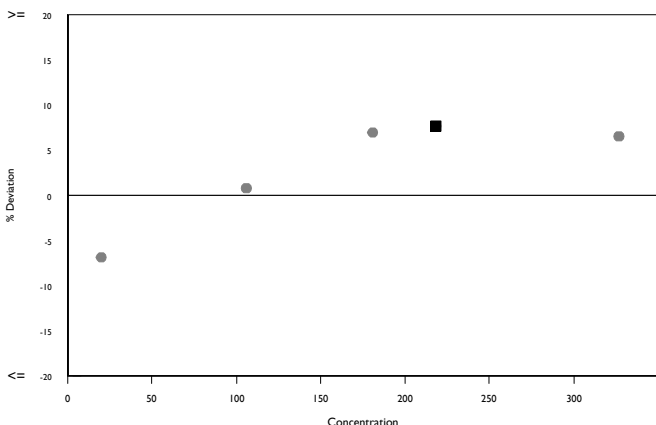
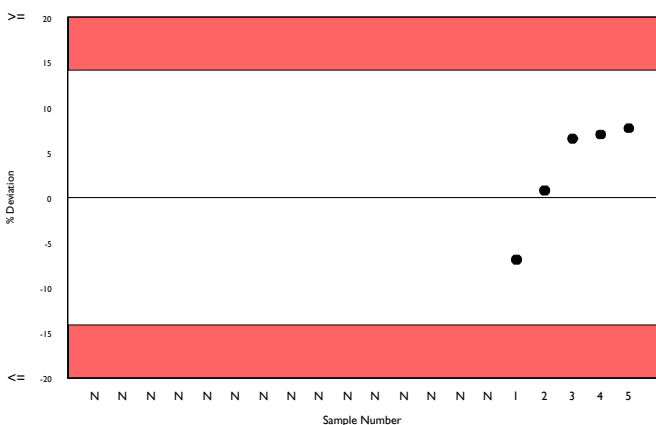
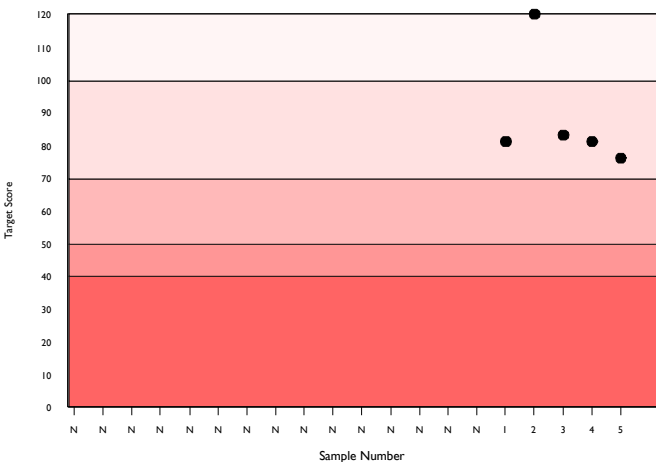
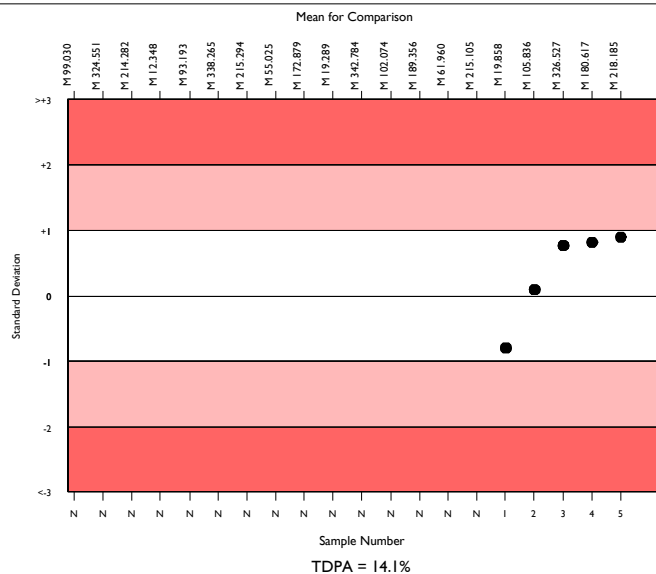
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2644	188.665	19.2	0.88	16.17	55
Abbott Architect Chemilum	238	218.185	5.6	0.99	18.70	23

▲ Your Result	234.900	SDI	0.89
		RMSDI	Too Few
■ Mean for Comparison	218.185	TS	76
		RMTS	Too Few
		%DEV	7.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	14.10%



Method	N	Mean	CV%	U _m
Roche Modular E170 /Cobas e601/602	381	204.573	4.5	0.58
Roche Elecsys / Cobas e411	334	206.734	6.4	0.90
Roche Cobas e402/e801	247	198.269	4.4	0.70
Abbott Architect Chemilum	238	218.185	5.6	0.99
Abbott Alinity i	229	228.525	5.3	1.01
Beckman Dxl 600/800	161	131.039	6.2	0.80
Beckman Access/LXi725	126	136.286	6.3	0.96
Siemens Atellica IM	115	137.724	5.3	0.85
Ortho Vitros 3600/5600/ECi/XT/7600	91	124.578	5.4	0.87
Siemens Centaur XP/XPT	84	146.457	5.0	1.00
SNIBE Maglumi analysers	66	218.992	6.8	2.28
Mindray CL 8000i/6000i/2000i/1200i/1000i	50	194.014	5.6	1.92
bioMerieux, VIDAS	46	155.727	9.8	2.82
Roche Cobas C303/501/502/503/701/702	45	194.839	4.0	1.47
Tosoh AIA Series	38	143.912	6.6	1.94
Beckman AU Instruments	24	163.820	6.0	2.51
Siemens/DPC Immulite 2000/2500	23	166.451	5.4	2.36
DiaSorin Liaison XL	20	213.630	6.4	3.80
Roche Cobas 4000/c311	23	207.707	6.8	3.68
Siemens Centaur CP	17	145.735	9.1	4.04
Abbott Architect Quantia	15	211.035	8.5	5.80

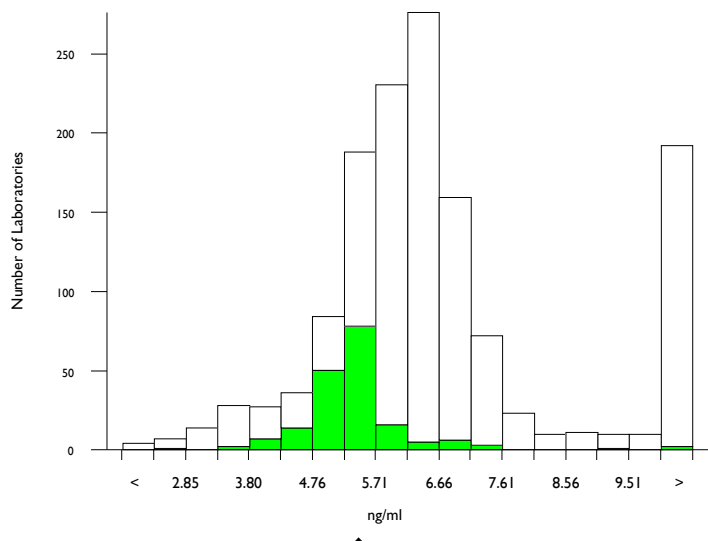


Folate, ng/ml

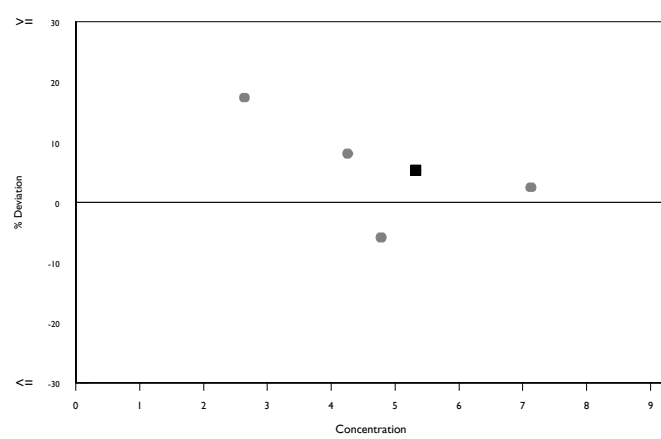
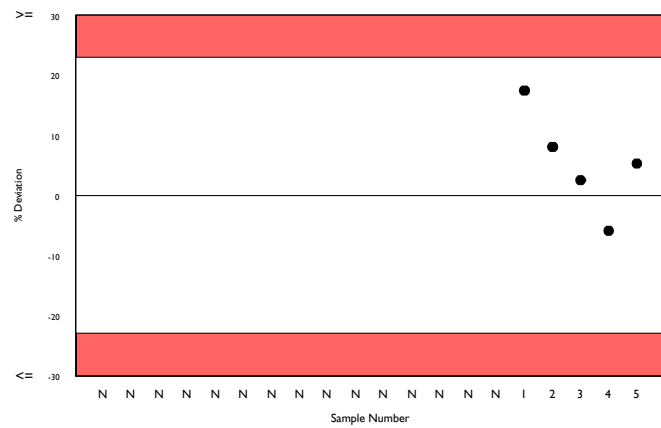
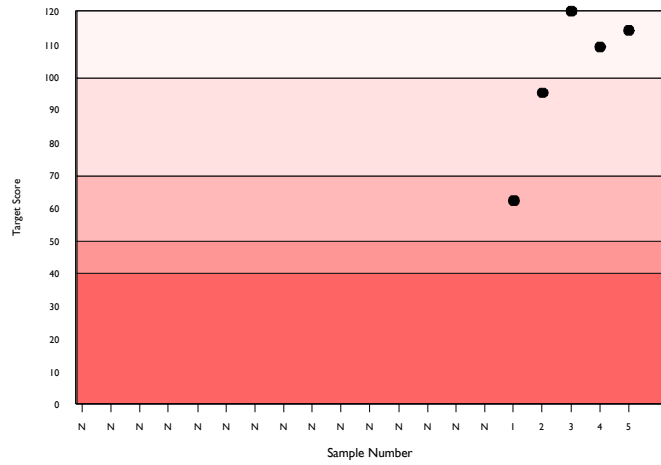
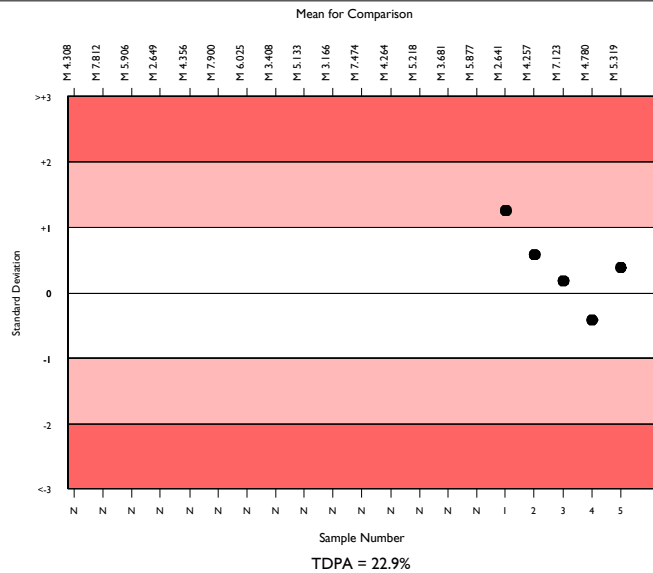
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1213	6.187	20.5	0.05	0.86	171
Abbott Architect	166	5.319	8.3	0.04	0.74	19

▲ Your Result	5.600	SDI	0.38
		RMSDI	Too Few
■ Mean for Comparison	5.319	TS	114
		RMTS	Too Few
		%DEV	5.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	22.90%



Method	N	Mean	CV%	U _m
Roche Folate III - 07559992	300	6.398	8.5	0.04
Abbott Architect	166	5.319	8.3	0.04
Roche Folate 07027290 e801	145	6.434	7.5	0.05
Abbott Alinity i	137	5.869	8.5	0.05
Beckman Dxl 600/800 - A98032	71	6.407	5.1	0.05
Siemens Atellica IM	67	11.326	8.7	0.15
Siemens Centaur XP/XPT(enhanced)	53	11.618	10.7	0.21
Beckman Dxl 600/800 - A14208	44	6.113	5.3	0.06
Beckman Access/LXi725	44	6.412	5.3	0.06
Roche Elecsys Folate	41	6.402	9.5	0.12
Ortho Vitros 3600/5600/ECi/XT/7600	34	3.709	12.6	0.10
SNIBE Maglumi Analyser	27	10.109	28.1	0.68
Mindray CL 8000i/6000i/2000i/1200i/1000i	24	17.253	6.5	0.29
Siemens/DPC Immulite 2000	25	4.470	8.0	0.09
Roche Folate III - 04476433	22	6.118	12.0	0.20
Tosoh AIA Series	17	9.689	13.8	0.41
Siemens Dimension	9	3.441	8.0	0.11
DiaSorin Liaison XL	5	3.038	14.7	0.25
Tosoh AIA-CL Series	6	18.483	5.9	0.55
Mindray CL 900i	3	16.083	2.5	0.29
Shenzhen YHLO iFlash Series	3	28.333	9.6	1.96



FSH, mU/ml

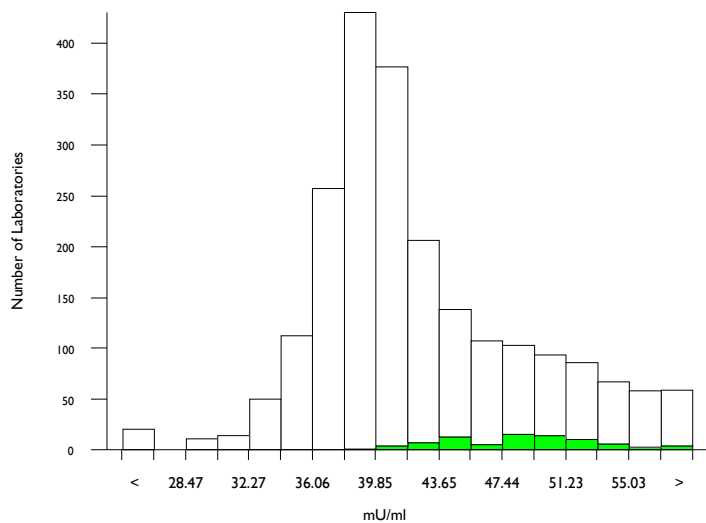
All Methods

bioMerieux, VIDAS

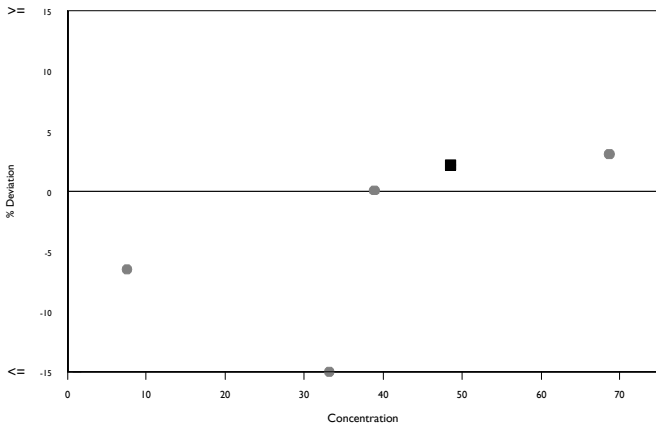
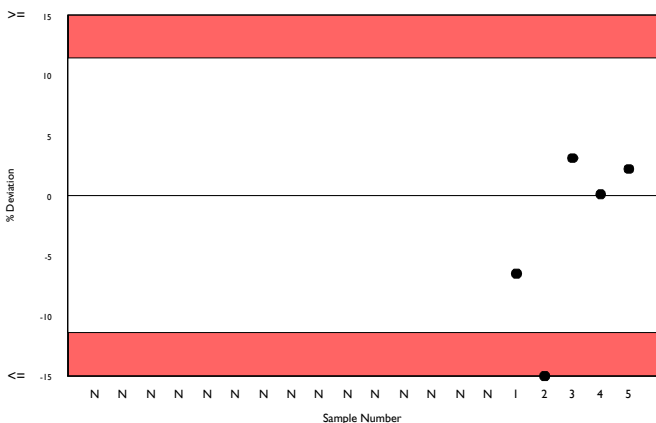
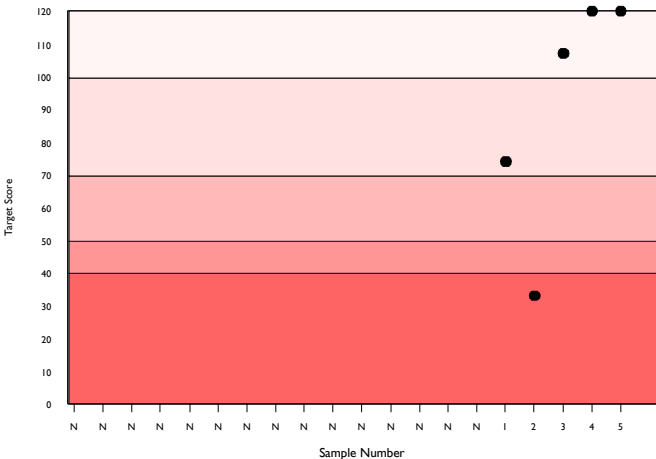
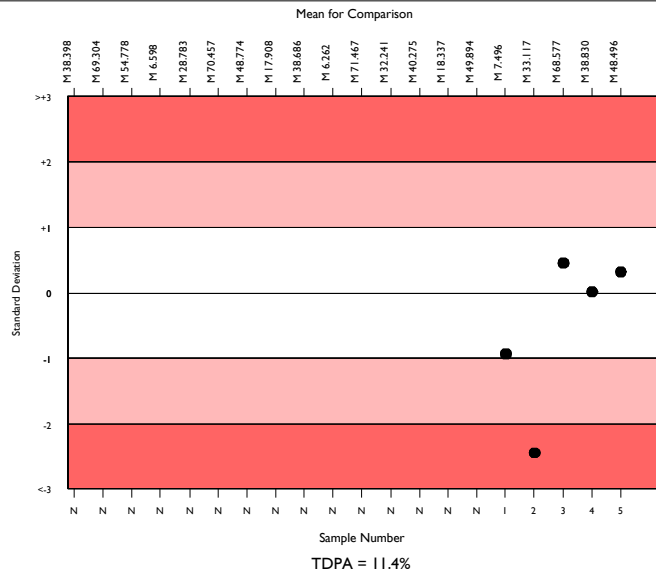
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2023	41.756	12.1	0.14	2.89	164
bioMerieux, VIDAS	78	48.496	8.3	0.57	3.36	4

▲ Your Result	49.560	SDI	0.32
		RMSDI	Too Few
■ Mean for Comparison	48.496	TS	120
		RMTS	Too Few
		%DEV	2.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.40%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	322	39.108	4.0	0.11
Roche Cobas 4000/e41 I	274	41.284	5.3	0.16
Abbott Architect	223	38.672	5.3	0.17
Roche Cobas e402/e80 I	179	39.893	3.8	0.14
Abbott Alinity i	177	37.793	4.5	0.16
Beckman Dxl 600/800	129	46.476	6.8	0.35
Beckman Access/LXi725	90	47.287	6.6	0.41
Siemens Atellica IM	80	52.299	3.9	0.28
bioMerieux, VIDAS	78	48.496	8.3	0.57
Siemens Centaur XP/XPT	72	54.569	4.9	0.39
SNIBE Maglumi analysers	75	45.368	7.7	0.50
Ortho Vitros 3600/5600/ECi/XT/7600	59	34.432	3.8	0.21
Mindray CL 8000i/6000i/2000i/1200i/1000i	51	53.679	6.6	0.62
Siemens/DPC Immulite 2000/2500	36	41.410	5.2	0.45
Tosoh AIA Series	34	46.383	8.3	0.82
Roche Elecsys	29	40.722	10.5	1.00
DiaSorin Liaison XL	15	61.309	6.3	1.25
Siemens Centaur CP	10	51.232	7.7	1.55
Shenzhen YHLO iFlash Series	9	39.998	6.2	1.03
Siemens/DPC Immulite 1000	10	41.540	5.7	0.94
Tosoh AIA-CL Series	8	44.538	3.4	0.66

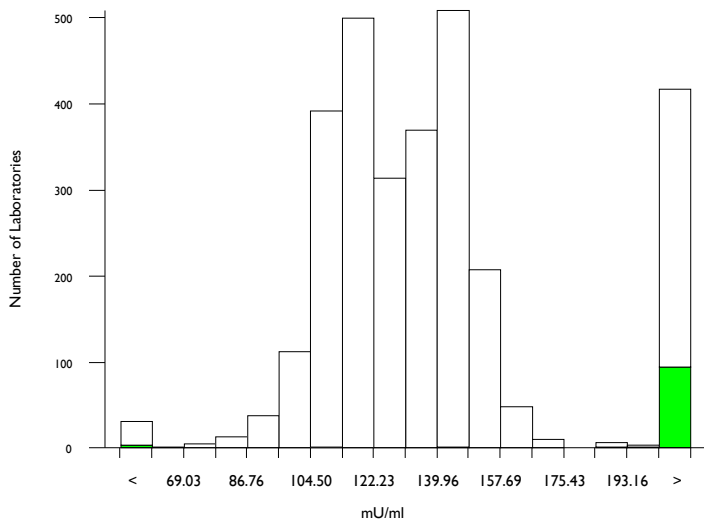


hCG, mU/ml

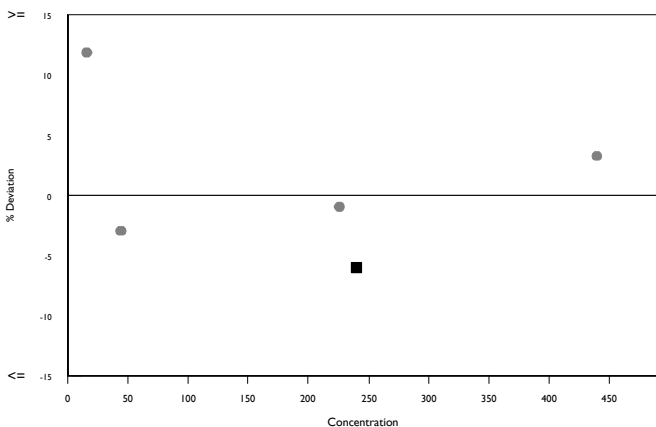
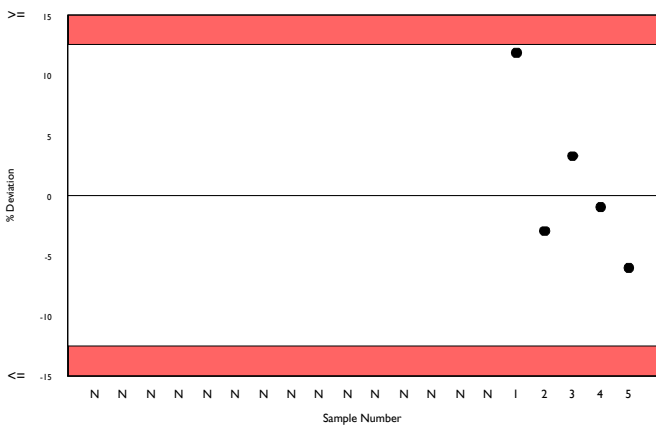
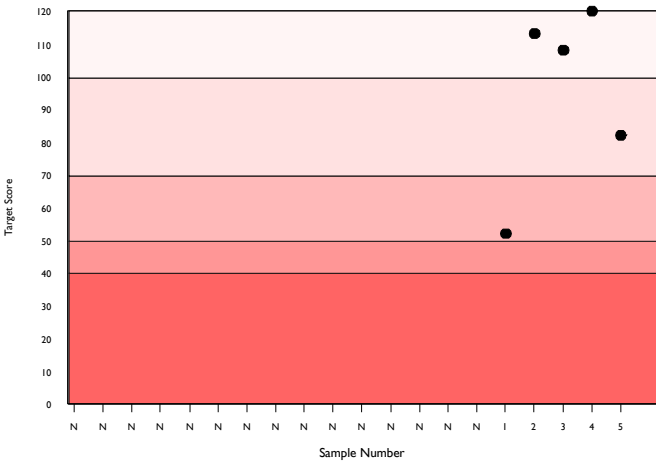
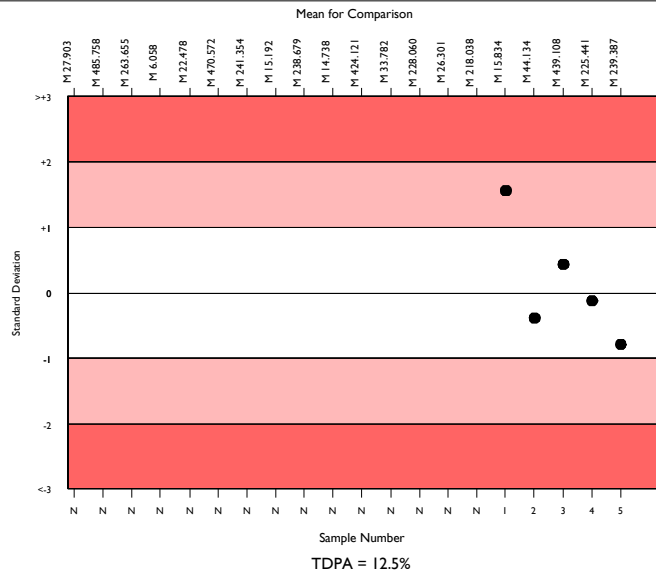
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2606	131.100	18.0	0.58	9.96	364
bioMerieux, VIDAS	91	239.387	8.9	2.78	18.19	10

▲ Your Result	224.980	SDI	-0.79
		RMSDI	Too Few
■ Mean for Comparison	239.387	TS	82
		RMTS	Too Few
		%DEV	-6.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	12.50%



Method	N	Mean	CV%	U _m
Roche hCG+Beta	934	143.274	5.4	0.32
Abbott Architect	306	115.535	4.8	0.39
Abbott Alinity i	245	116.627	4.7	0.44
Roche hCG + Beta e801	176	139.303	4.2	0.56
Beckman Dxl 600/800	121	124.413	5.4	0.76
Ortho Vitros 3600/5600/ECI/XT 7600	99	242.013	5.1	1.56
Siemens Atellica IM	96	110.063	4.7	0.66
bioMerieux, VIDAS	91	239.387	8.9	2.78
Beckman Access Total BhCG (5th IS)	86	118.723	5.2	0.83
Siemens Centaur XP/XPT	88	106.998	4.2	0.60
SNIBE Maglumi analysers	60	266.182	6.3	2.72
Mindray hCG 8000/6000/2000/1200/1000i	59	98.206	10.2	1.64
Beckman DXI Total BhCG (5th IS)	60	124.300	5.0	0.99
Beckman Access/LXi725	51	118.274	6.5	1.34
Siemens/DPC Immulite 2000	36	297.931	8.0	4.95
Tosoh AIA Series	33	248.187	6.1	3.30
Roche hCG STAT(Intact)	29	106.300	5.2	1.27
Siemens Dimension	24	244.059	4.0	2.52
Siemens Centaur CP	18	105.150	5.5	1.69
DiaSorin Liaison XL	17	125.649	8.0	3.06
Roche Cobas Core EIA	15	136.070	8.0	3.50



IgE, kU/l

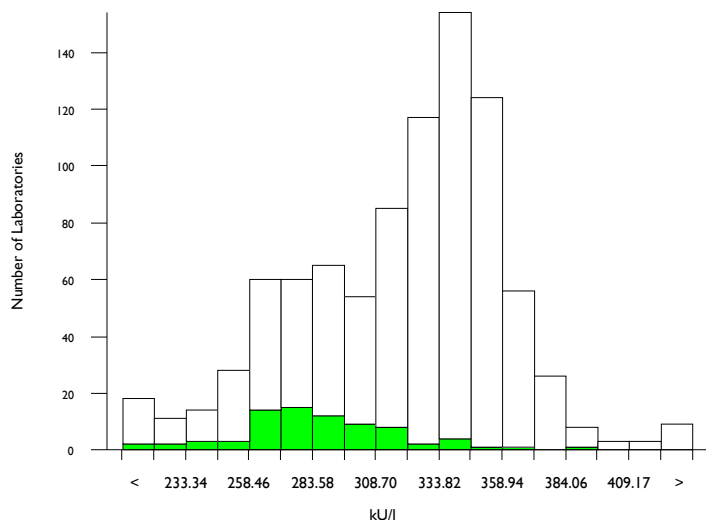
All Methods

bioMerieux, VIDAS

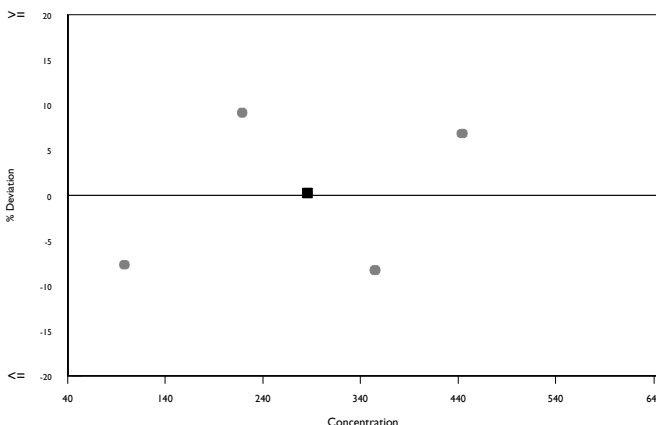
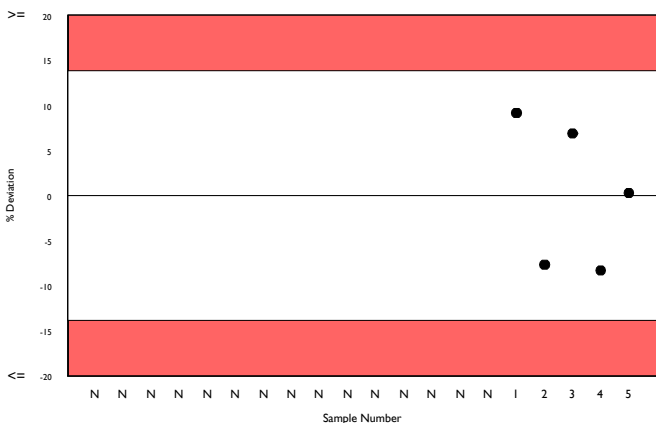
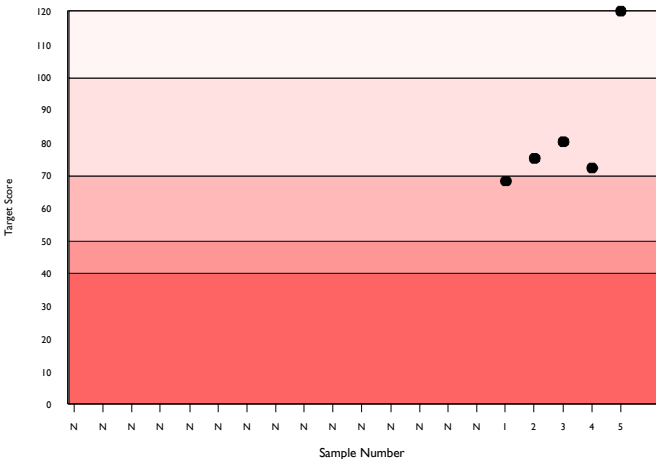
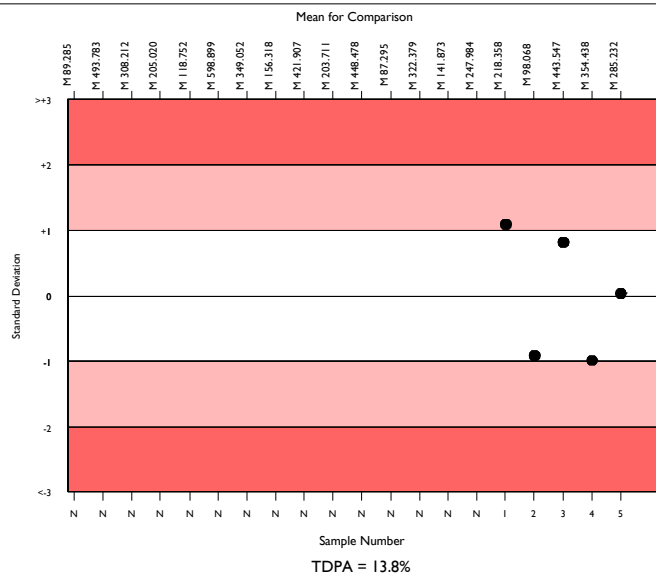
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	839	321.264	10.4	1.45	26.95	56
bioMerieux, VIDAS	72	285.232	9.2	3.86	23.93	5

▲ Your Result	285.960	SDI	0.03
		RMSDI	Too Few
■ Mean for Comparison	285.232	TS	120
		RMTS	Too Few
		%DEV	0.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.80%



Method	N	Mean	CV%	U _m
Roche Cobas 4000/e411	156	345.309	5.7	1.98
Roche Cobas e601/602	144	336.970	4.5	1.58
Roche Cobas e402/e801	91	343.007	3.7	1.68
bioMerieux, VIDAS	72	285.232	9.2	3.86
Siemens/DPC Immulite 2000/2500	58	310.600	9.5	4.85
SNIBE Maglumi analysers	51	255.837	5.4	2.42
Siemens Atellica IM	38	329.897	6.2	4.16
Siemens Centaur XP/XPT	34	321.565	8.2	5.69
Abbott Architect	25	284.839	6.2	4.41
Tosoh AIA Series	27	299.634	7.7	5.54
Abbott Alinity	25	275.457	2.7	1.87
Phadia Immucap instruments	20	318.020	7.1	6.33
Siemens/DPC Immulite 1000	10	341.300	5.2	7.02
Roche Elecsys	10	347.460	4.1	5.69
Tosoh AIA-CL Series	8	291.363	3.4	4.43
ELISA	6	263.893	12.9	17.43
Siemens Centaur CP	6	280.700	22.3	31.90
Agappe Mispä i2	5	425.012	19.6	46.51
Biomed	3	322.417	9.9	23.00
Biotech Med INC i-CHROMA	3	308.287	15.8	35.24
Diesse Chorus	3	369.933	18.6	49.64

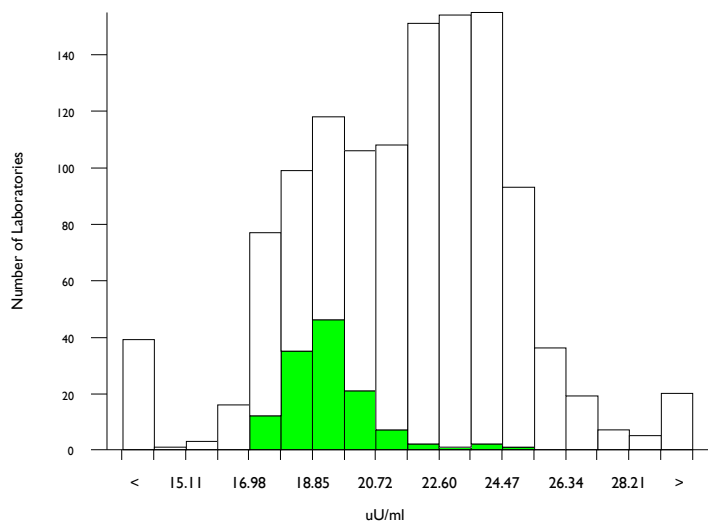


Insulin, uU/ml

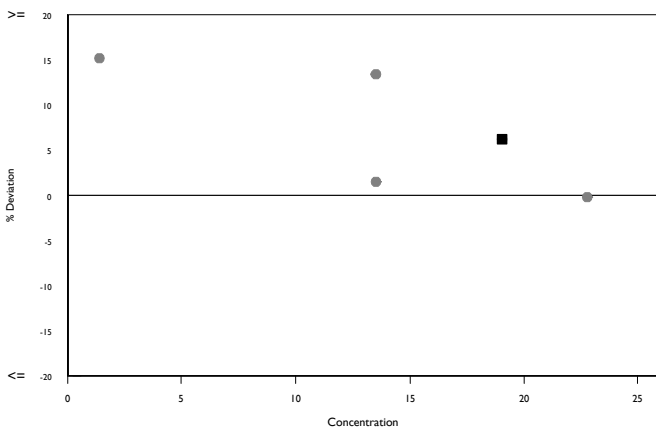
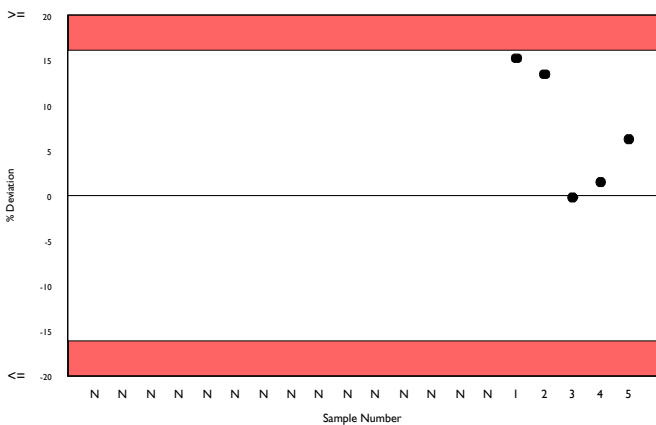
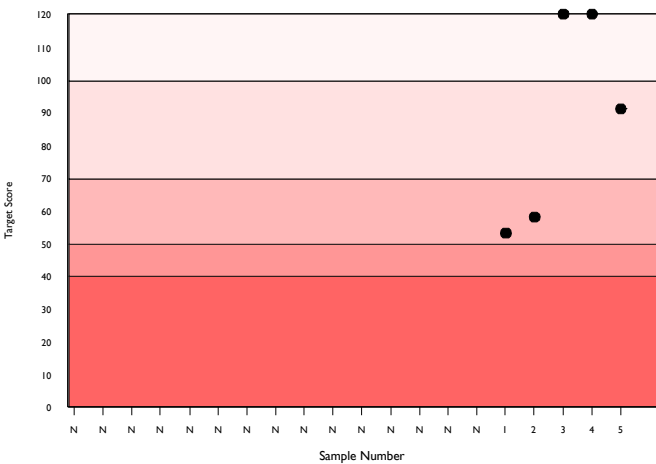
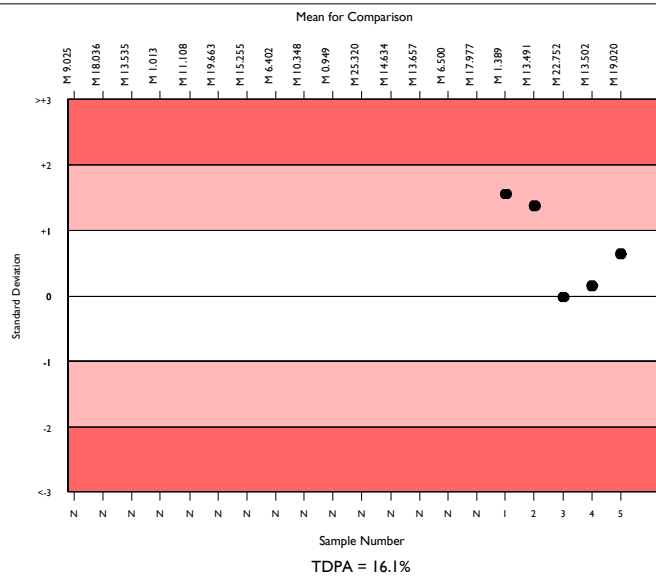
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1133	21.665	11.5	0.09	2.12	74
Abbott Architect	114	19.020	3.9	0.09	1.86	13

▲ Your Result	20.200	SDI	0.63
		RMSDI	Too Few
■ Mean for Comparison	19.020	TS	91
		RMTS	Too Few
		%DEV	6.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	16.10%



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	265	22.703	4.9	0.08
Roche Cobas 4000/e41 I	167	23.301	6.1	0.14
Abbott Architect	114	19.020	3.9	0.09
Abbott Alinity i	111	17.863	3.4	0.07
Beckman Dxl 600/800	85	20.273	6.0	0.17
Siemens Centaur XP/XPT	46	24.774	4.8	0.22
Siemens Atellica IM	45	23.640	4.2	0.19
Roche Elecsys	37	23.265	6.3	0.30
SNIBE Maglumi analysers	37	19.849	3.9	0.16
Mindray CL 8000i/6000i/2000i/1200i/1000i	32	24.017	5.9	0.31
Beckman Access LXi725	33	20.752	6.4	0.29
Tosoh AIA Series	30	23.910	8.5	0.46
Ortho Vitros 3600/5600/ECi/XT 7600	20	19.788	3.7	0.21
Siemens/DPC Immulite 2000	20	8.108	28.8	0.65
DiaSorin Liaison XL	14	26.197	13.2	1.15
Siemens/DPC Immulite 1000	7	5.772	22.1	0.60
DiaSorin, Liaison	6	23.708	10.9	1.32
Tosoh AIA-CL Series	6	25.283	4.1	0.53
Siemens Centaur CP	4	23.180	9.1	1.32
Mindray CL 900i	4	26.560	5.4	0.89
Lifotronic eCL	3	22.333	25.9	4.17



LH, mU/ml

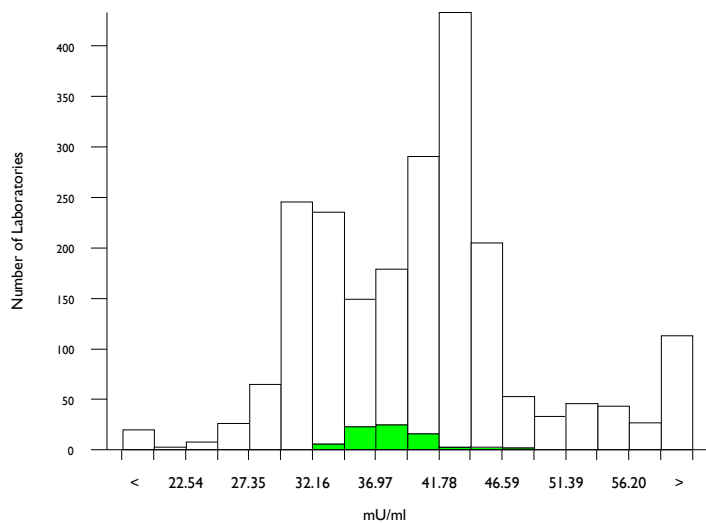
All Methods

bioMerieux, VIDAS

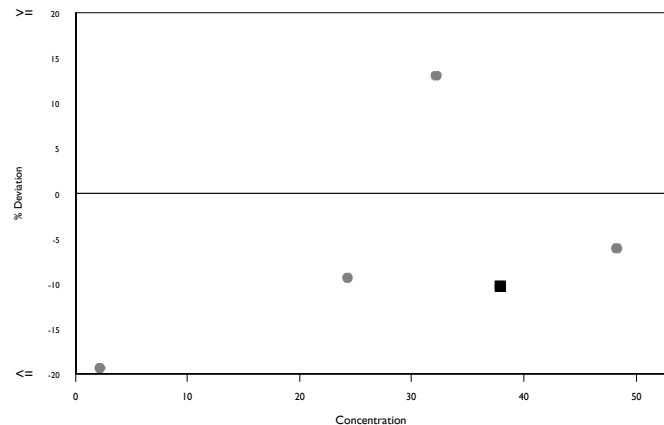
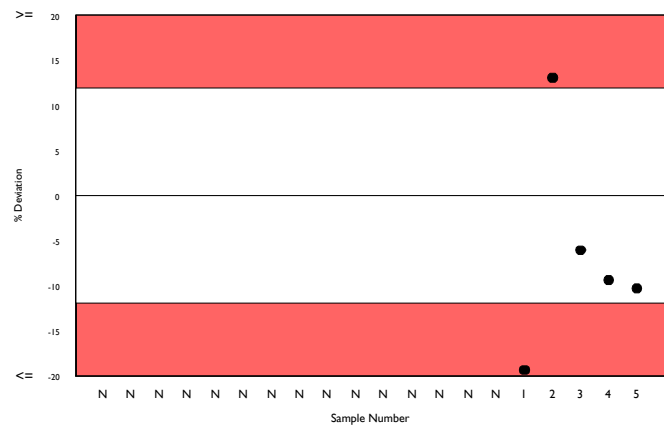
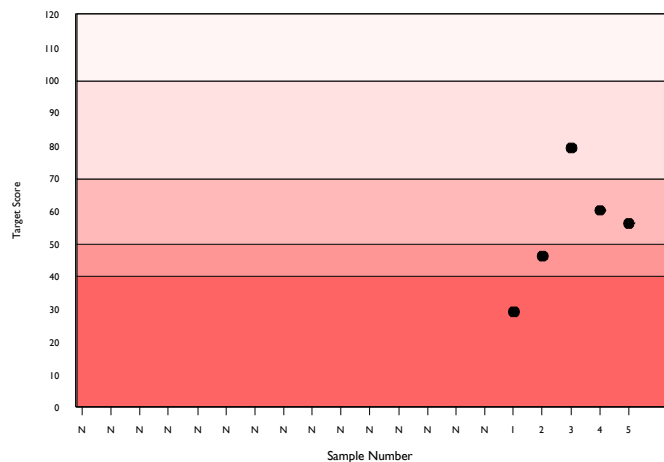
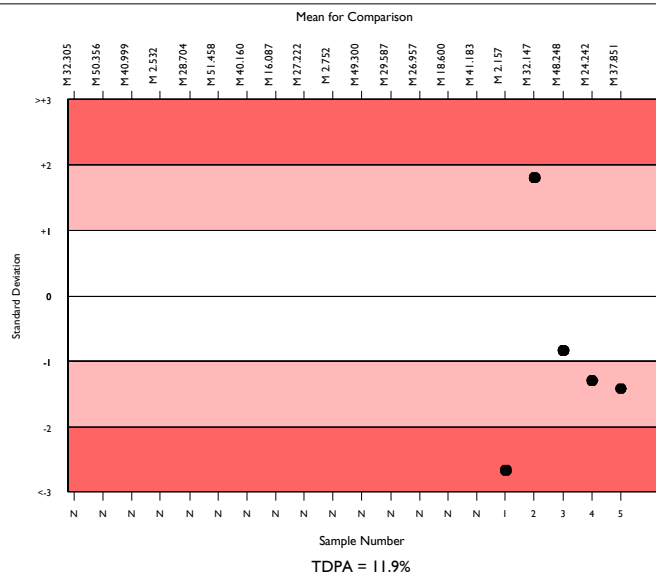
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2014	39.378	16.3	0.18	2.85	159
bioMerieux, VIDAS	72	37.851	5.7	0.32	2.74	6

▲ Your Result	33.960	SDI RMSDI	-1.42 Too Few
■ Mean for Comparison	37.851	TS RMTS	56 Too Few
		%DEV RM%DEV	-10.3 Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.90%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	327	42.316	4.3	0.13
Roche Cobas 4000/e41 I	271	42.888	4.6	0.15
Abbott Architect	201	31.863	6.7	0.19
Roche Cobas e402/e80 I	197	43.417	3.8	0.15
Abbott Alinity i	170	31.787	3.8	0.12
Beckman Dxl 600/800	126	32.344	6.6	0.24
Beckman Access/LXi725	87	32.905	7.6	0.33
Siemens Atellica IM	83	39.353	4.7	0.25
SNIBE Maglumi analysers	75	62.393	5.1	0.46
bioMerieux, VIDAS	72	37.851	5.7	0.32
Siemens Centaur XP/XPT	69	38.160	5.3	0.30
Ortho Vitros 3600/5600/ECi/XT 7600	61	54.002	3.8	0.33
Mindray CL 8000i/6000i/2000i/1200i/1000i	54	46.380	7.7	0.61
Siemens/DPC Immulite 2000	38	58.184	7.9	0.93
Tosoh AIA Series	33	36.118	4.9	0.38
Roche Elecsys	32	42.408	5.3	0.50
DiaSorin Liaison XL	14	50.471	5.8	0.97
Siemens Centaur CP	9	38.177	3.2	0.51
Siemens/DPC Immulite 1000	9	61.733	3.5	0.90
Shenzhen YHLO iFlash Series	11	54.035	12.1	2.47
Tosoh AIA-CL Series	9	37.322	7.5	1.16

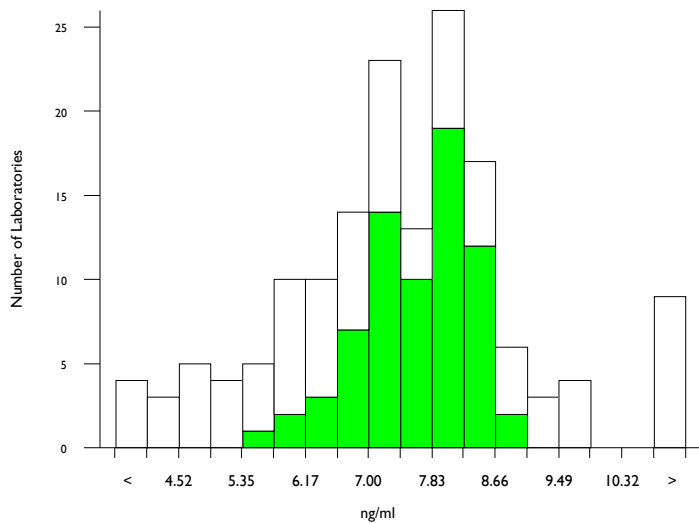


17-OH-Progesterone, ng/ml

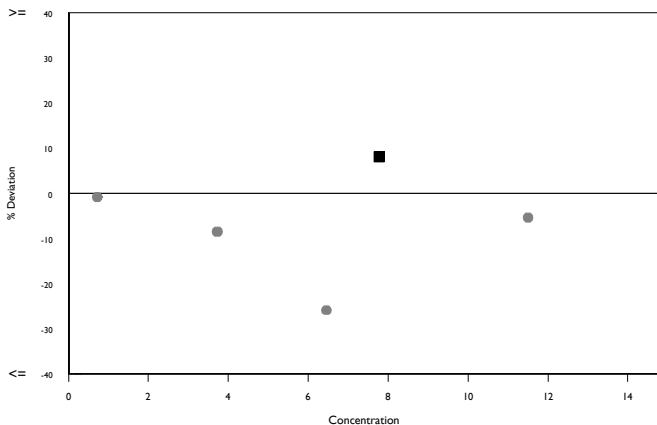
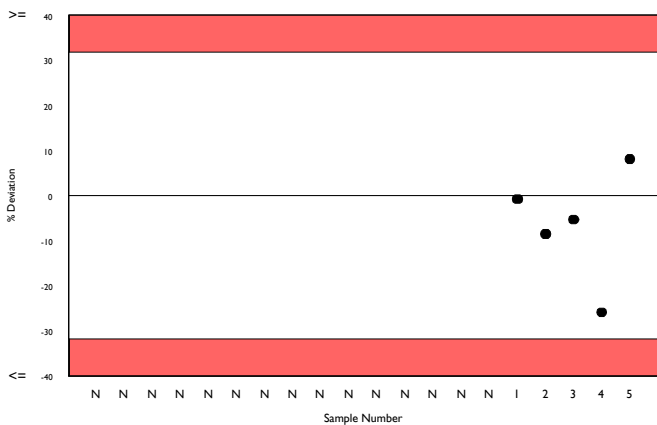
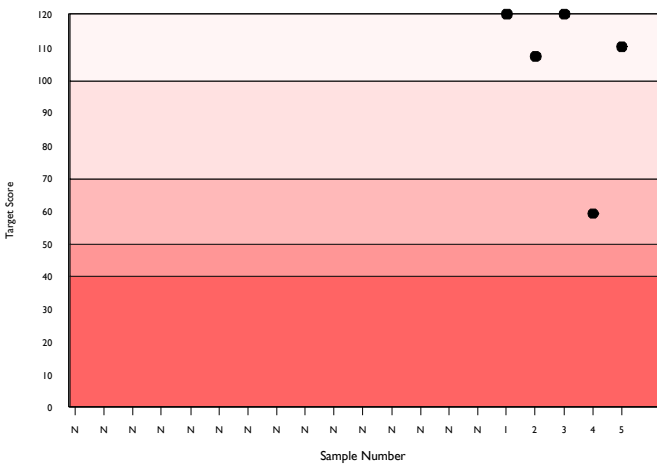
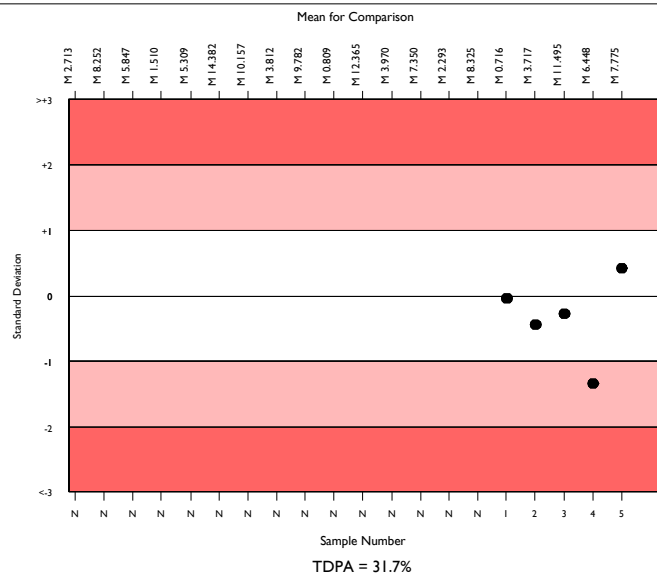
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	137	7.422	14.9	0.12	1.43	20
SNIBE Maglumi analysers	65	7.775	7.4	0.09	1.50	5

▲ Your Result	8.400	SDI	0.42
		RMSDI	Too Few
■ Mean for Comparison	7.775	TS	110
		RMTS	Too Few
		%DEV	8.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	31.70%



Method	N	Mean	CV%	U _m
SNIBE Maglumi analysers	65	7.775	7.4	0.09
DRG ELISA	14	7.868	12.4	0.33
ELISA	10	7.489	10.2	0.30
IDS-iSYS 17-OH Progesterone	8	4.939	5.9	0.13
DIAsource, RIA	6	6.469	7.8	0.26
LC/MS	6	8.361	14.3	0.61
CDG Q-Strip	3	4.310	18.6	0.58
DIAsource, ELISA	4	9.270	25.0	1.45
IBL ELISA	4	7.114	10.7	0.48
Immunotech RIA	4	6.237	10.1	0.39
DBC ELISA	3	6.197	8.5	0.38
DiaMetra ELISA	2	5.655	6.1	0.31
Demeditec ELISA	2	7.540	5.8	0.39
Dynex DS2 ELISA	1	5.380	0.0	0.00
HPLC	2	9.404	0.0	0.00
Stat Fax Elisa Readers	2	7.120	36.2	2.28

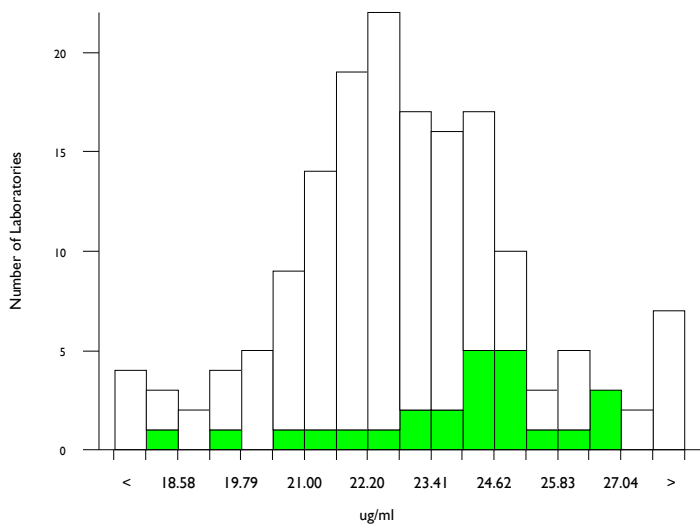


Phenobarbital, ug/ml

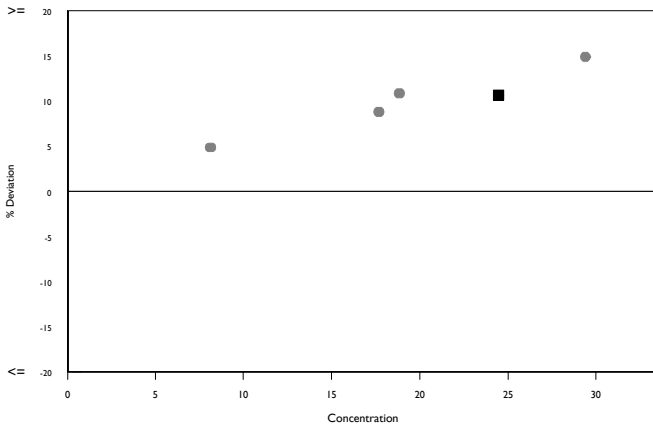
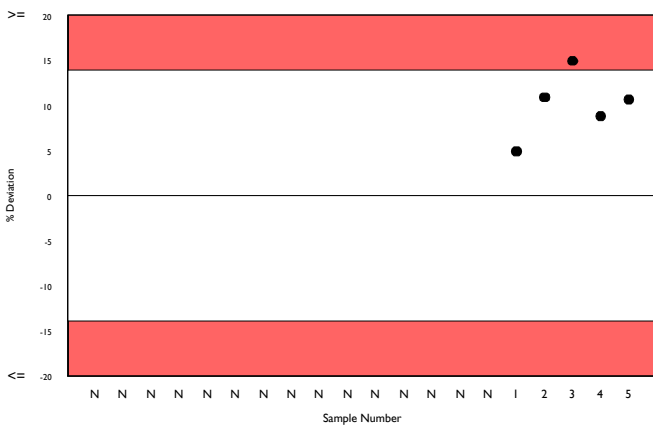
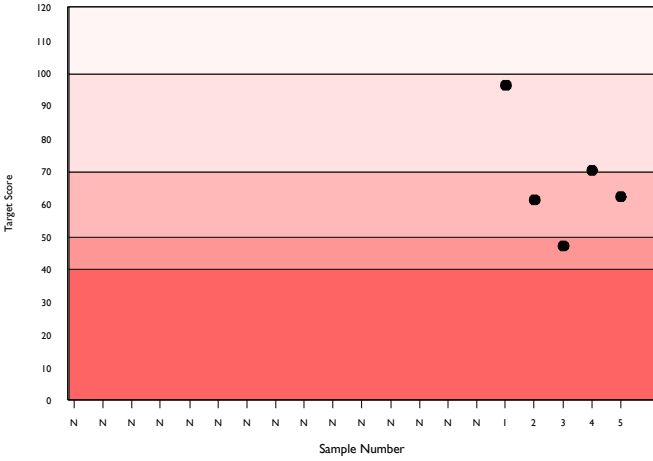
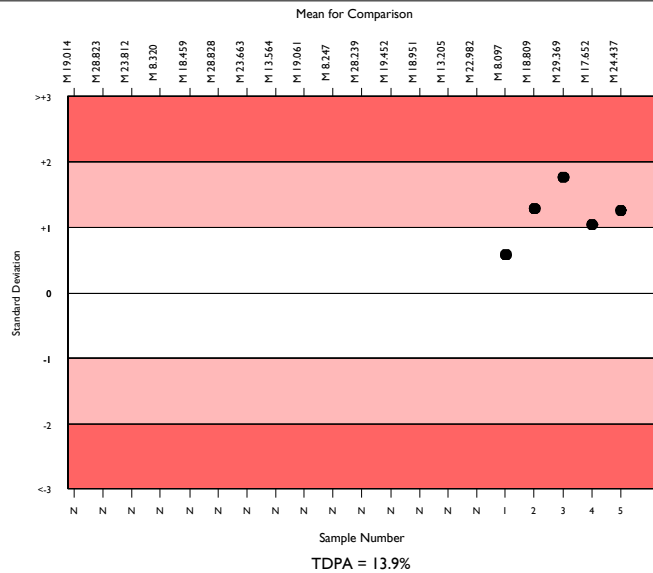
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	143	22.814	7.1	0.17	1.93	19
Abbott Architect (CMIA)	22	24.437	5.9	0.38	2.07	3

▲ Your Result	27.030	SDI	1.26
		RMSDI	Too Few
■ Mean for Comparison	24.437	TS	62
		RMTS	Too Few
		%DEV	10.6
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas C303/501/502/503/701	40	22.830	4.7	0.21
Abbott Architect (CMIA)	22	24.437	5.9	0.38
Abbott Alinity (PETINA)	21	21.293	4.5	0.26
Beckman AU Instruments	10	23.062	6.0	0.55
Roche Integra	9	22.301	5.7	0.53
Roche Cobas E601/602/801	5	24.300	2.1	0.29
Siemens/DPC Immulite 2000/2500	5	22.936	3.0	0.38
Siemens Atellica CH	6	24.280	5.8	0.71
Microgenics CEDIA assay	4	22.519	1.6	0.22
Siemens Centaur XP/XPT	4	33.553	9.0	1.88
EMIT	4	22.740	7.3	1.03
Siemens Dimension	3	25.733	2.2	0.41
Beckman Synchron LX systems / Unicl DxC	3	22.874	11.0	1.82
Abbott Architect (PETINIA)	2	19.775	10.9	1.91
Abbott Alinity (CMIA)	2	21.145	16.0	2.98
Siemens ADVIA 1200/1650/1800/2400	2	22.400	6.9	1.37
GC/MS	2	17.675	0.2	0.03
HPLC	1	19.300	0.0	0.00
LC/MS	2	25.555	19.1	4.31

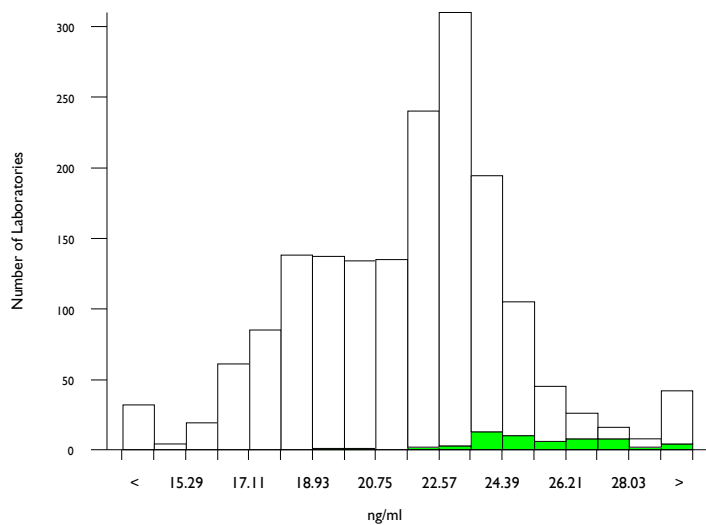


Progesterone, ng/ml

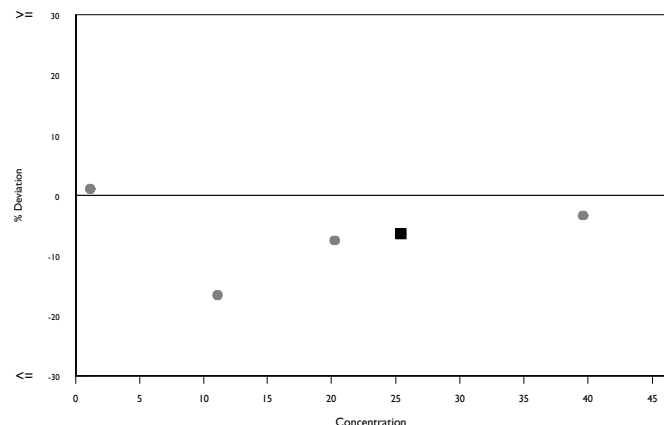
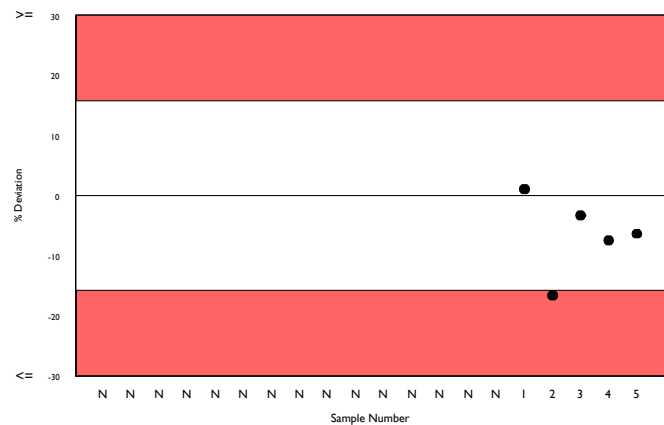
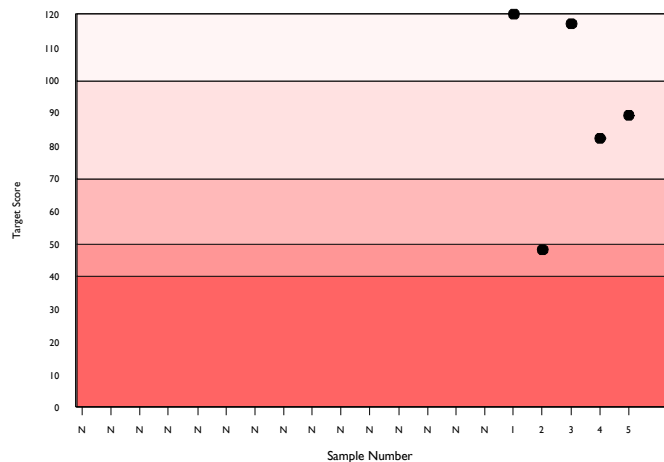
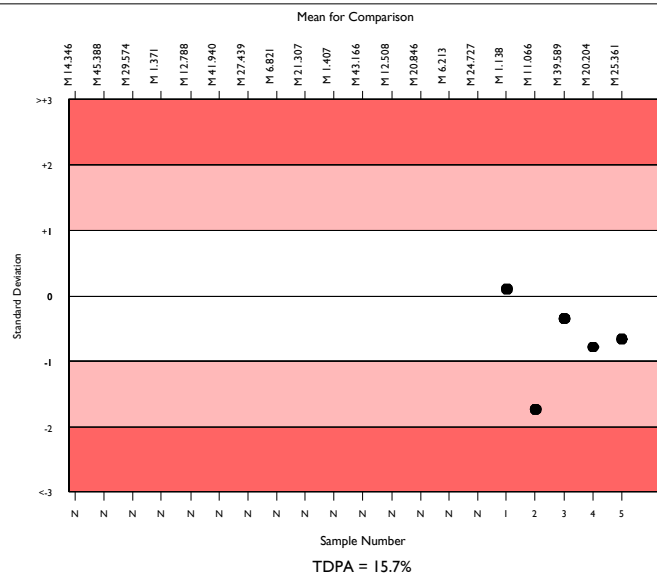
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1616	21.666	11.2	0.08	2.07	116
bioMerieux, VIDAS (<= lot 1009311690)	52	25.361	6.6	0.29	2.42	6

▲ Your Result	23.750	SDI	-0.67
		RMSDI	Too Few
■ Mean for Comparison	25.361	TS	89
		RMTS	Too Few
		%DEV	-6.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.70%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602 (Prog. III)	214	22.849	3.7	0.07
Roche Cobas e801 (Prog III)	164	23.031	3.1	0.07
Abbott Architect	156	20.369	5.9	0.12
Abbott Alinity i	140	19.066	4.7	0.10
Roche Cobas 4000/e411 (Prog. III)	125	23.124	4.3	0.11
Roche Cobas 4000/e411 (Prog. II)	86	23.350	5.0	0.16
Roche Cobas e601/ 602 (Prog. II)	76	23.058	4.6	0.15
Beckman DXI Prog. Cal 33555	74	20.688	9.0	0.27
Siemens Atellica IM	72	18.129	4.2	0.11
Beckman Access Prog. Cal 33555	57	21.330	6.9	0.24
Siemens Centaur XP/XPt	57	16.913	6.6	0.18
bioMerieux, VIDAS (<= lot 1009311690)	52	25.361	6.6	0.29
SNIBE Maglumi analysers	46	19.051	4.3	0.15
Tosoh AIA Series	35	25.153	8.7	0.46
Siemens/DPC Immulite 2000/2500	33	17.153	7.3	0.27
Ortho Vitros 3600/5600/ECi/XT 7600	30	23.525	4.6	0.25
Mindray CL 8000i/6000i/2000i/1200i/1000i	29	29.696	11.5	0.79
Roche Elecsys (Prog. III)	12	22.945	2.1	0.18
Siemens/DPC Immulite 1000	12	21.437	5.0	0.39
Roche Elecsys (Prog. II)	14	23.448	5.8	0.45
bioMerieux, VIDAS (>= lot 1009323920)	9	25.184	4.7	0.49

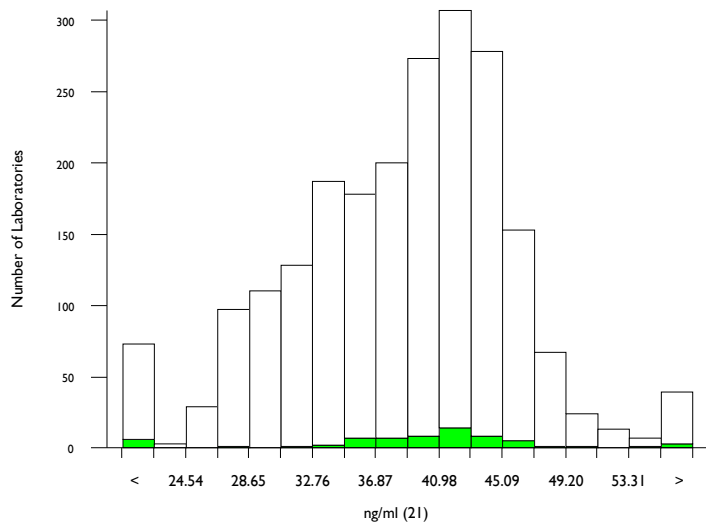


Prolactin, ng/ml (21)

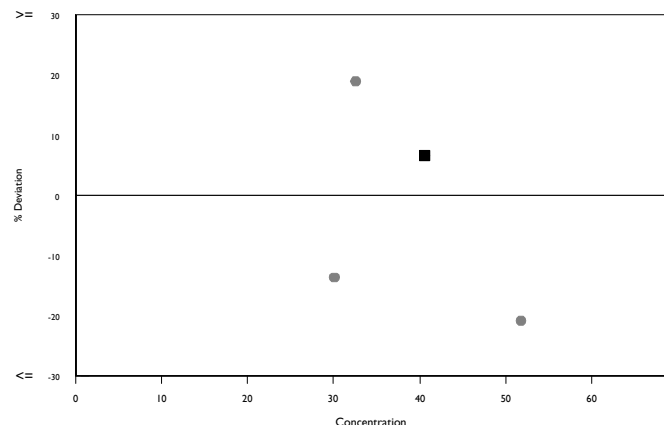
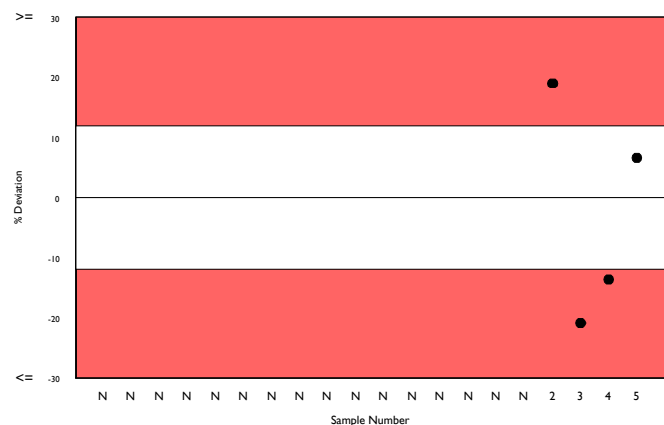
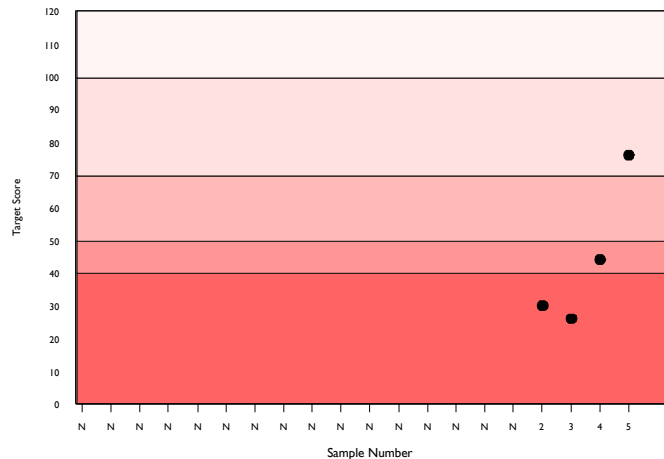
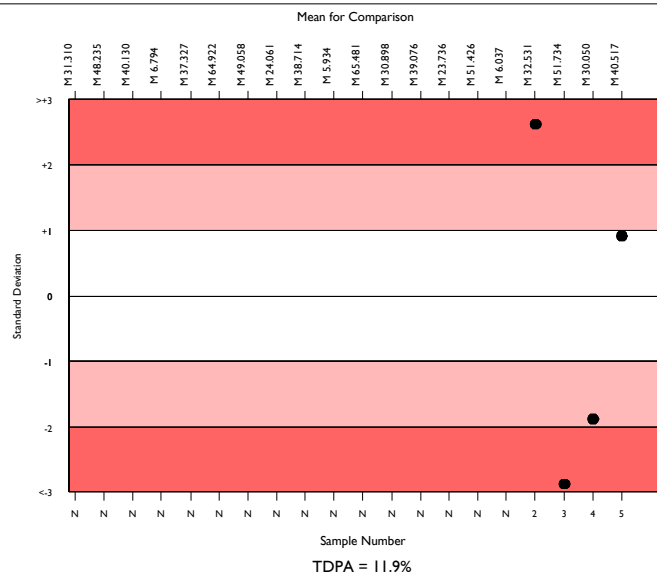
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1989	38.933	14.1	0.15	2.82	177
bioMerieux, VIDAS	53	40.517	9.4	0.65	2.93	12

▲ Your Result	43.180	SDI	0.91
		RMSDI	Too Few
■ Mean for Comparison	40.517	TS	76
		RMTS	Too Few
		%DEV	6.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.90%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	291	42.773	3.7	0.12
Roche Cobas 4000/e41 I	275	44.731	5.7	0.19
Abbott Architect	196	36.383	6.7	0.22
Roche Cobas e801 PRL II	174	41.431	4.2	0.16
Abbott Alinity i	166	37.978	4.4	0.16
Beckman Dxl 600/800	115	31.406	6.8	0.25
Beckman Access/LXi725	93	32.918	5.7	0.24
Siemens Atellica IM	74	27.922	5.8	0.24
Siemens Centaur XP/XPT	72	29.256	6.1	0.27
SNIBE Maglumi analysers	71	39.493	6.4	0.37
Ortho Vitros 3600/5600/ECi/XT 7600	63	33.576	4.6	0.24
bioMerieux, VIDAS	53	40.517	9.4	0.65
Mindray CL 8000i/6000i/2000i/1200i/1000i	44	41.541	6.5	0.51
Siemens/DPC Immulite 2000/2500	37	32.476	7.2	0.48
Tosoh AIA Series	34	36.699	17.4	1.37
Roche Elecsys/EI170/Cobas e601/ 602 PRLII	30	43.274	3.8	0.37
Roche Elecsys	24	45.735	4.9	0.57
DiaSorin Liaison XL	14	43.109	7.3	1.06
Shenzhen YHLO iFlash Series	10	48.064	5.6	1.06
Siemens Centaur CP	6	28.117	5.2	0.75
Siemens/DPC Immulite 1000	8	34.634	4.5	0.69

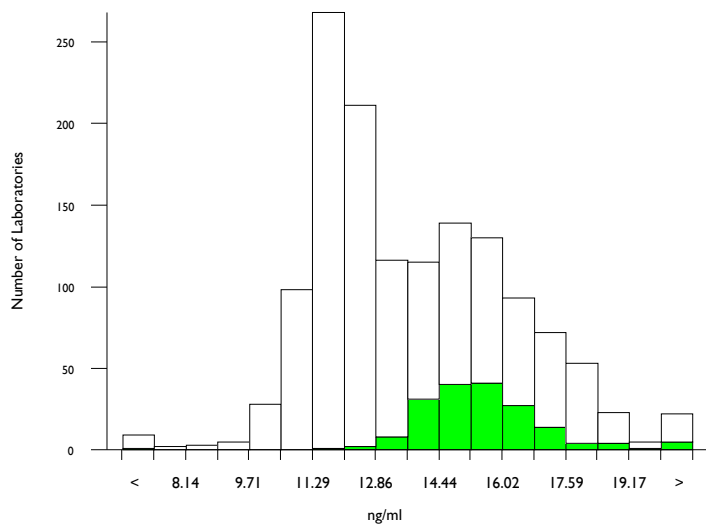


PSA, Free, ng/ml

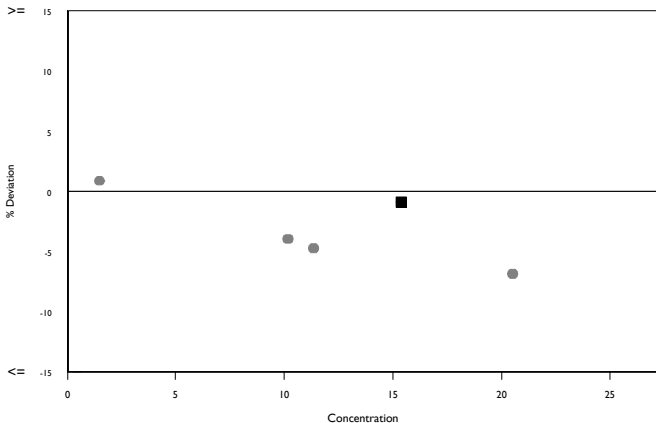
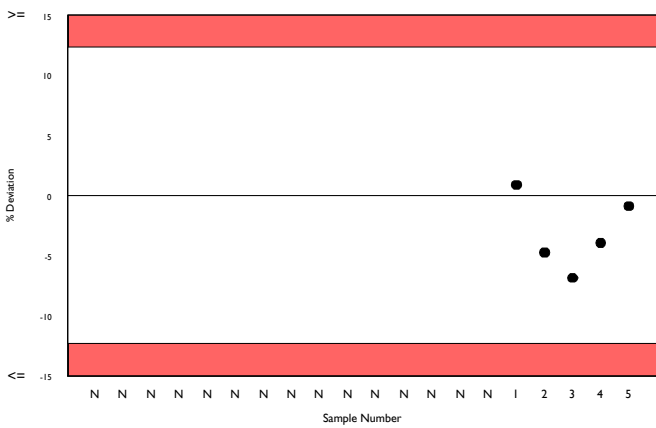
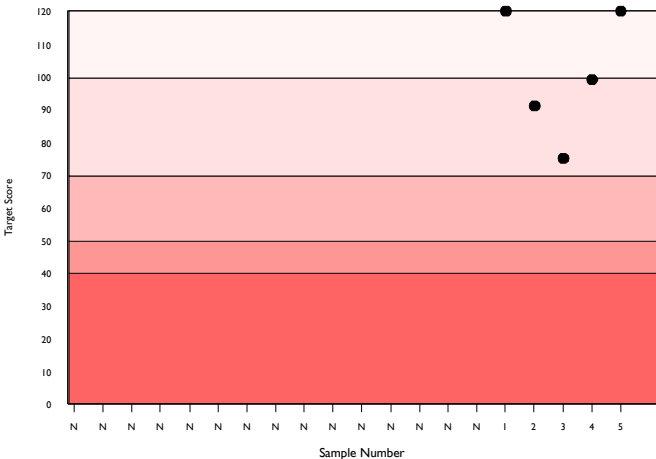
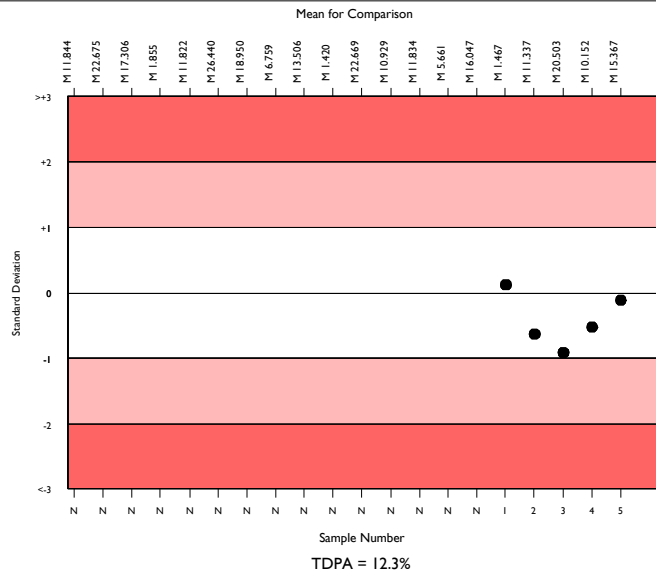
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1326	13.657	15.4	0.07	1.02	80
Abbott Architect	164	15.367	7.1	0.11	1.15	15

▲ Your Result	15.230	SDI	-0.12
		RMSDI	Too Few
■ Mean for Comparison	15.367	TS	120
		RMTS	Too Few
		%DEV	-0.9
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	12.30%



Method	N	Mean	CV%	U _m
Roche Cobas e601/602	206	12.122	4.8	0.05
Abbott Architect	164	15.367	7.1	0.11
Roche Cobas e402/e801	148	11.542	3.4	0.04
Roche Cobas 4000/e411	142	12.195	5.7	0.07
Abbott Alinity i	141	15.317	5.4	0.09
Beckman DXI standardised to Hybritech	87	17.130	5.6	0.13
Siemens Atellica IM	58	14.359	5.3	0.13
Siemens Centaur XP/XPT	48	13.725	3.8	0.09
Beckman Access standardised to Hybritech	44	17.236	4.6	0.15
Mindray CL 8000i/6000i/2000i/1200i/1000i	33	15.665	5.8	0.20
BioMerieux VIDAS	18	16.899	10.4	0.52
Siemens/DPC Immulite 2000/2500	26	11.927	6.8	0.20
SNIBE Maglumi analysers	27	11.511	9.9	0.28
Tosoh AIA Series	22	12.228	4.4	0.14
Ortho Vitros 3600/5600/ECi PSA II/XT7600	15	11.175	2.4	0.09
Roche Elecsys	12	12.419	6.2	0.28
DiaSorin Liaison XL	12	12.794	7.8	0.36
Tosoh AIA-CL Series	7	15.680	1.7	0.13
Beckman DXI standard to WHO IRP96/670	6	13.314	4.1	0.28
Siemens Dimension	5	12.486	9.7	0.68
Immunotech IRMA	5	10.179	4.0	0.23

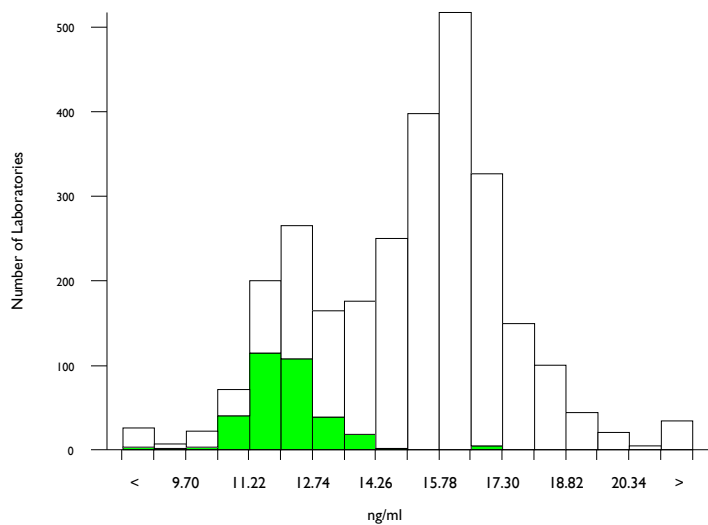


PSA, Total, ng/ml

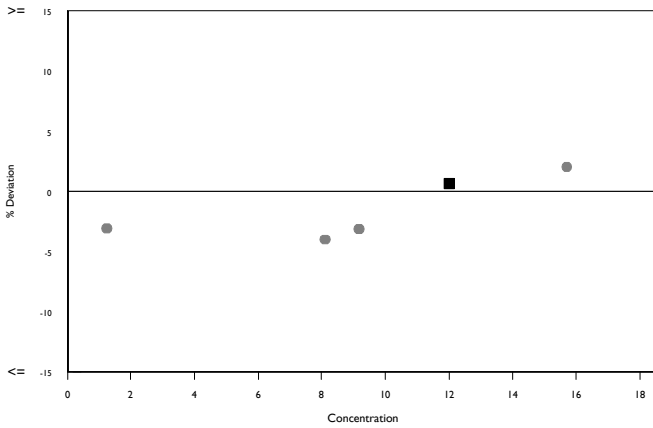
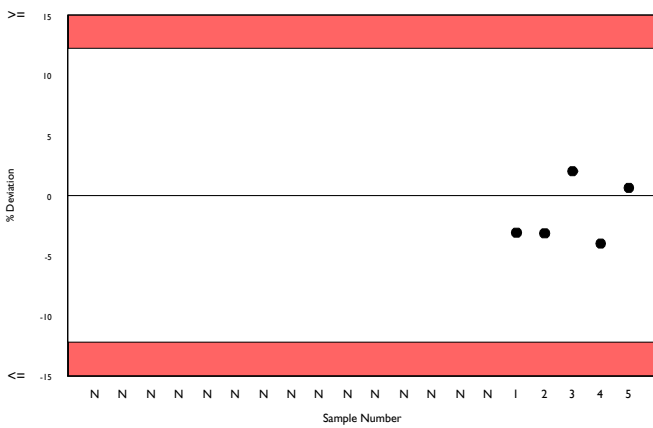
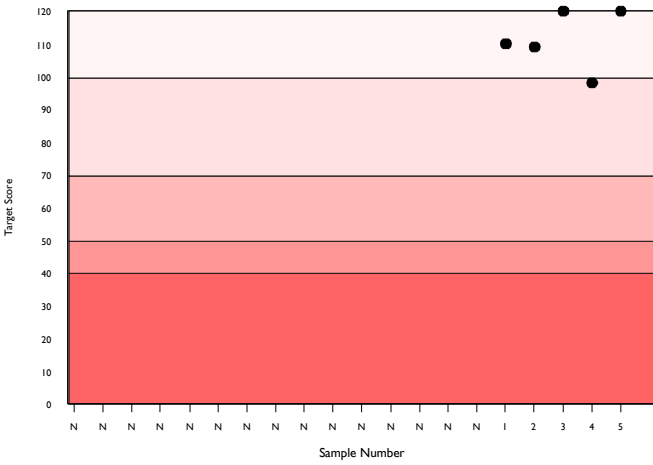
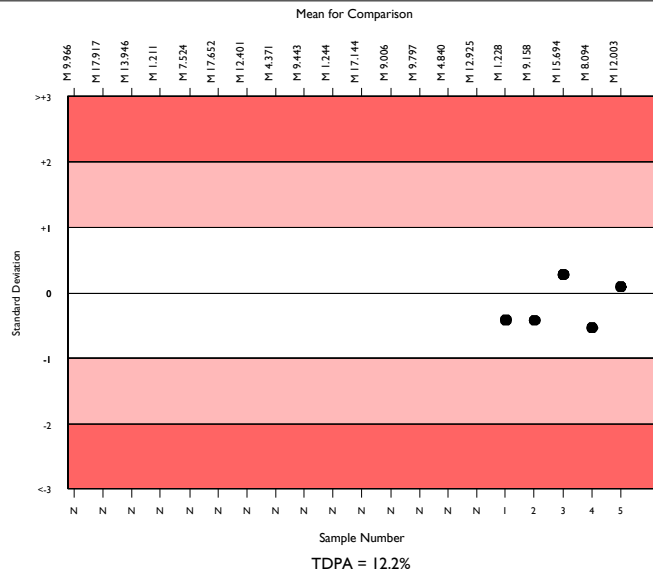
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2643	15.021	13.5	0.05	1.11	131
Abbott Architect	306	12.003	5.4	0.05	0.89	28

▲ Your Result	12.080	SDI	0.09
		RMSDI	Too Few
■ Mean for Comparison	12.003	TS	120
		RMTS	Too Few
		%DEV	0.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	12.20%



Method	N	Mean	CV%	U _m
Roche Cobas e601/602	458	16.166	3.9	0.04
Roche Cobas 4000/e41 I	323	16.159	6.2	0.07
Abbott Architect	306	12.003	5.4	0.05
Abbott Alinity i	228	12.282	4.2	0.04
Roche Cobas e402/e801	221	15.468	3.7	0.05
Beckman DXI standardised to Hybritech	144	17.682	5.3	0.10
Beckman Access standardised to Hybritech	115	18.142	5.0	0.10
Siemens Atellica IM	103	14.994	3.9	0.07
Siemens Centaur XP/XPT	93	14.924	4.9	0.10
Mindray CL 8000i/6000i/2000i/1200i/1000i	61	16.128	4.6	0.12
SNIBE Maglumi analysers	64	13.731	5.8	0.12
Ortho Vitros 3600/5600/ECi PSA II/XT7600	53	16.267	4.7	0.13
Tosoh AIA Series	39	11.181	11.0	0.25
bioMerieux, Vidas TPSA	33	14.476	8.9	0.28
Siemens Immulite 2000/2500, Total PSA	35	12.810	9.8	0.27
Roche Elecsys	29	16.303	5.9	0.22
DiaSorin Liaison XL	27	15.367	8.2	0.30
Ortho Vitros 3600/5600/ECi	25	16.426	4.1	0.17
bioMerieux, VIDAS	22	14.904	6.5	0.26
Beckman Access standard to WHO IRP96/670	19	18.341	2.8	0.15
Siemens Centaur CP	17	14.624	9.7	0.43

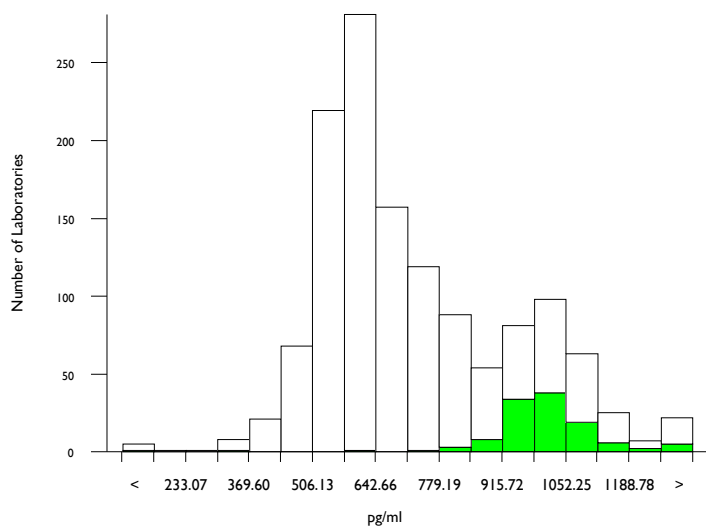


Parathyroid hormone, pg/ml

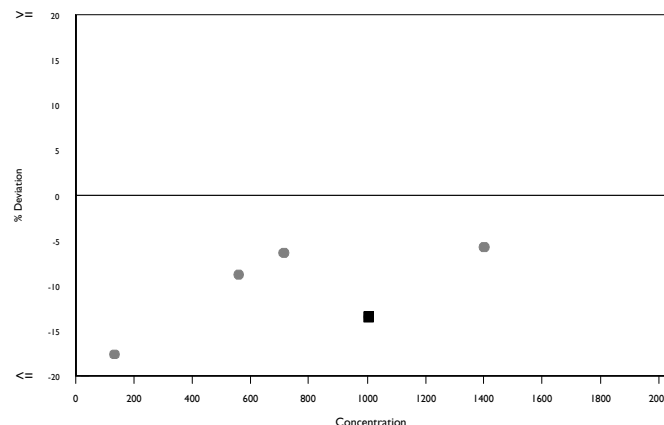
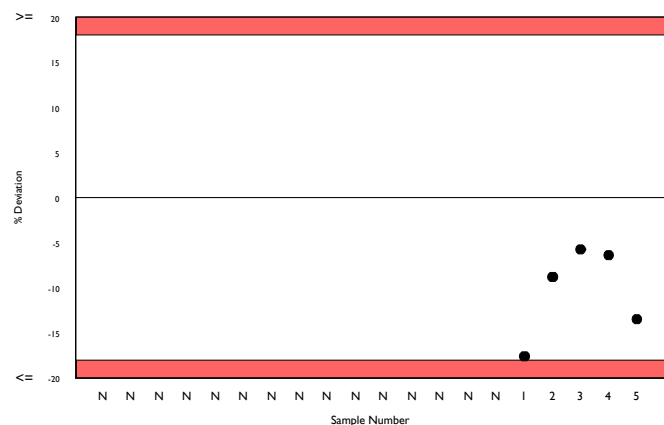
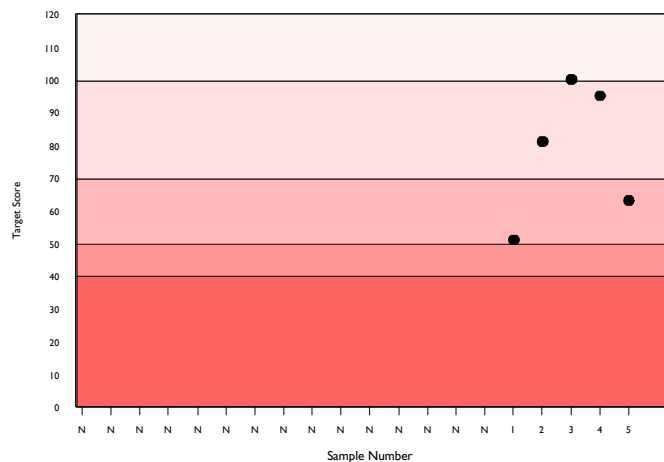
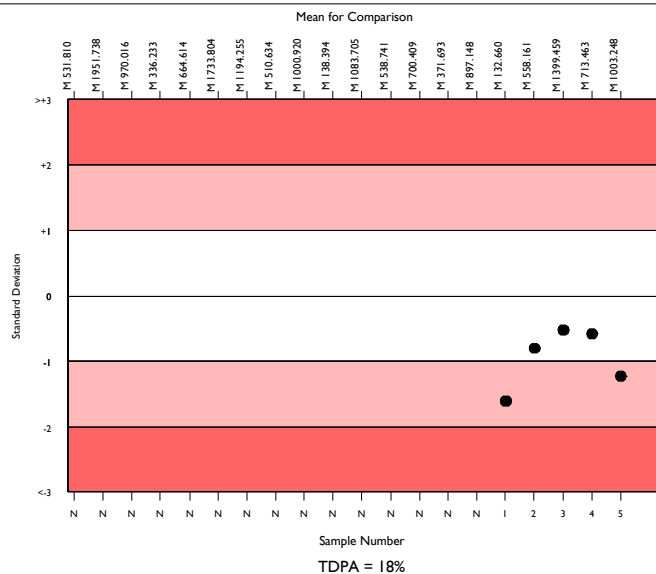
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1254	710.932	25.6	6.43	77.80	64
Abbott Architect	104	1003.248	6.6	8.14	109.79	15

▲ Your Result	868.000	SDI	-1.23
		RMSDI	Too Few
■ Mean for Comparison	1003.248	TS	63
		RMTS	Too Few
		%DEV	-13.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	18.00%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602 PTH	127	586.342	5.1	3.34
Roche Cobas 4000/e411 PTH	115	624.159	7.0	5.09
Abbott Architect	104	1003.248	6.6	8.14
Abbott Alinity i	95	1032.851	5.5	7.30
Beckman Dxl 600/800	92	692.712	6.2	5.62
Roche Cobas e801 PTH	80	560.745	5.7	4.46
Siemens Atellica IM	48	806.214	5.1	7.44
Siemens Centaur CP/XP/XPT	45	814.904	6.6	10.06
Beckman Access/LXi725	43	705.834	7.0	9.42
Roche Cobas e601/ 602 PTH (1-84)	46	565.127	10.7	11.13
bioMerieux VIDAS PTH (1-84)	40	464.732	10.0	9.21
Ortho Vitros 3600/5600/ECi/XT 7600	35	888.510	8.8	16.56
Roche Cobas 4000/e411 PTH (1-84)	33	612.305	9.1	12.08
SNIBE Maglumi analysers	30	1056.358	10.7	25.81
Roche Cobas 4000/e411 PTH STAT	31	636.660	5.6	7.95
Roche Cobas e601/ 602 PTH STAT	27	563.043	3.3	4.43
Roche Elecsys PTH	25	589.942	5.4	7.98
Siemens/DPC Immulite 2000	22	1103.591	4.8	14.04
Roche Cobas e801 PTH STAT	22	563.328	5.3	8.01
Roche Cobas e801 PTH (1-84)	22	524.141	10.6	14.81
Tosoh AIA Series	20	731.960	7.3	14.98

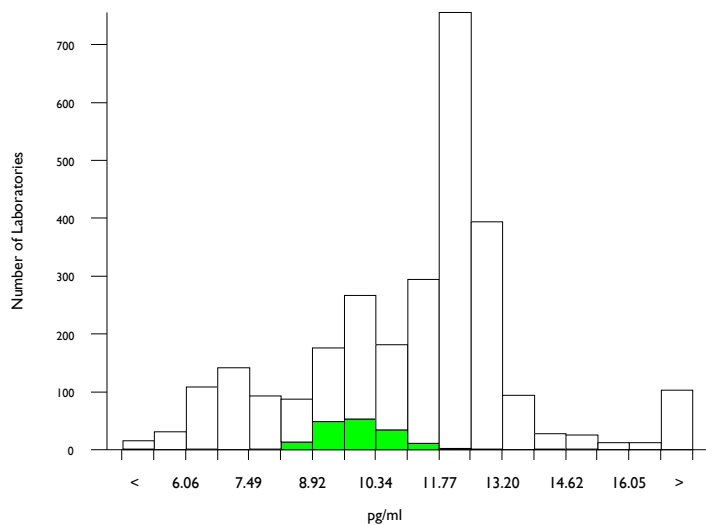


Free T3, pg/ml

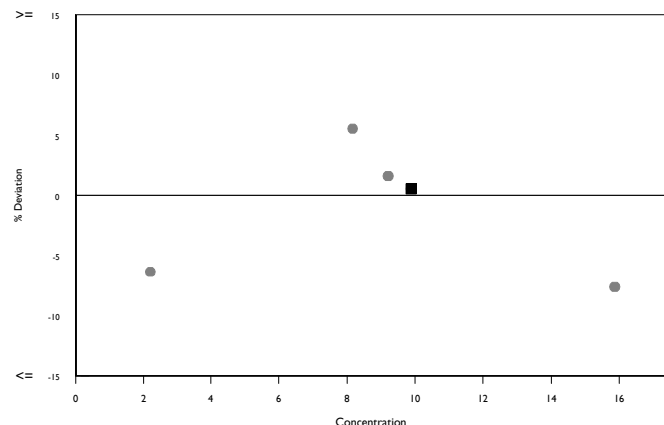
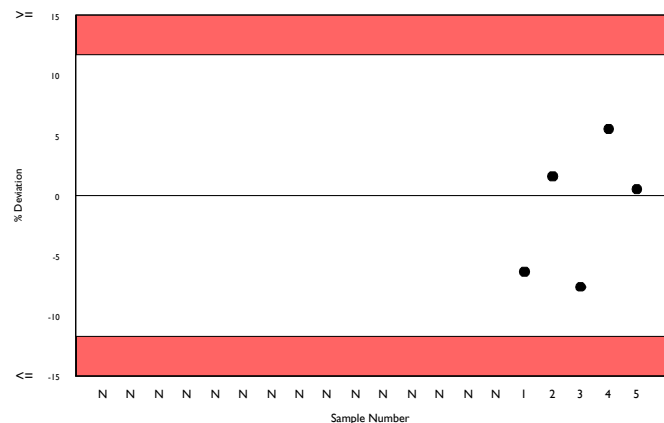
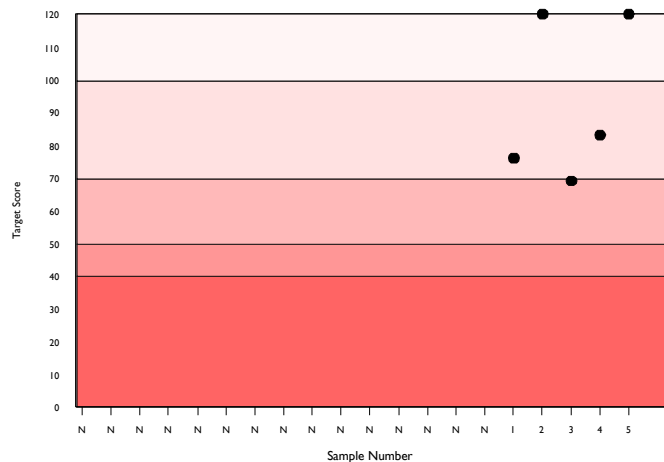
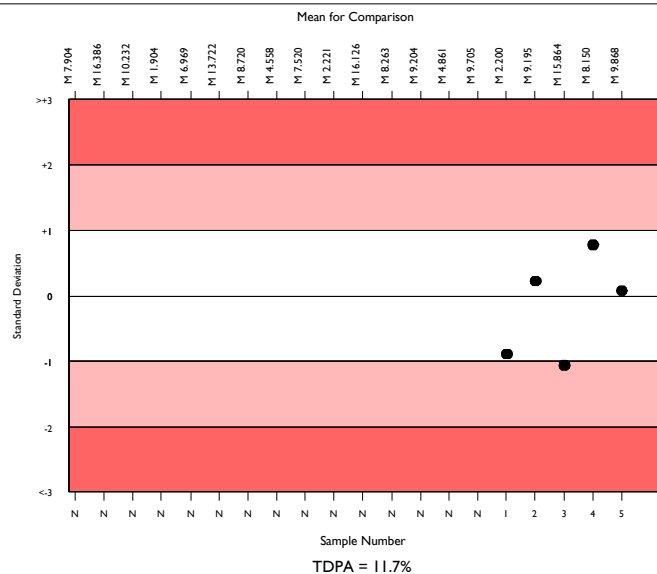
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2610	11.063	17.2	0.05	0.79	262
Abbott Architect, 6 point cal	156	9.868	7.1	0.07	0.70	16

▲ Your Result	9.920	SDI	0.07
		RMSDI	Too Few
■ Mean for Comparison	9.868	TS	120
		RMTS	Too Few
		%DEV	0.5
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	427	12.220	3.5	0.03
Roche Cobas 4000/e41 I	331	12.203	4.7	0.04
Roche Cobas e402/e801	260	12.230	2.6	0.02
Beckman Dxl 600/800	187	6.691	6.8	0.04
Abbott Alinity, 6 point cal	184	9.797	6.5	0.06
Abbott Architect, 6 point cal	156	9.868	7.1	0.07
Beckman Access/LXi725	136	7.496	5.8	0.05
Abbott Architect, 2 point cal	139	9.910	6.9	0.07
Siemens Atellica IM	113	12.783	4.2	0.06
Siemens Centaur XP/XPT	105	11.987	5.4	0.08
Ortho Vitros 3600/5600/ECi/XT/7600	37	22.195	16.7	0.76
SNIBE Maglumi analysers	76	12.021	7.6	0.13
Mindray CL 8000i/6000i/2000i/1200i/1000i	65	10.456	7.0	0.11
BioMerieux VIDAS	60	11.451	6.8	0.13
Tosoh AIA Series	48	17.454	7.5	0.24
Abbott Alinity, 2 point cal	47	9.946	5.4	0.10
Roche Elecsys	37	12.006	3.5	0.09
DiaSorin Liaison XL	27	14.945	6.2	0.22
Siemens/DPC Immulite 2000/2500	18	7.813	5.1	0.12
Siemens Centaur CP	16	11.899	2.3	0.09
Sysmex HISCL Series	12	12.727	1.7	0.08

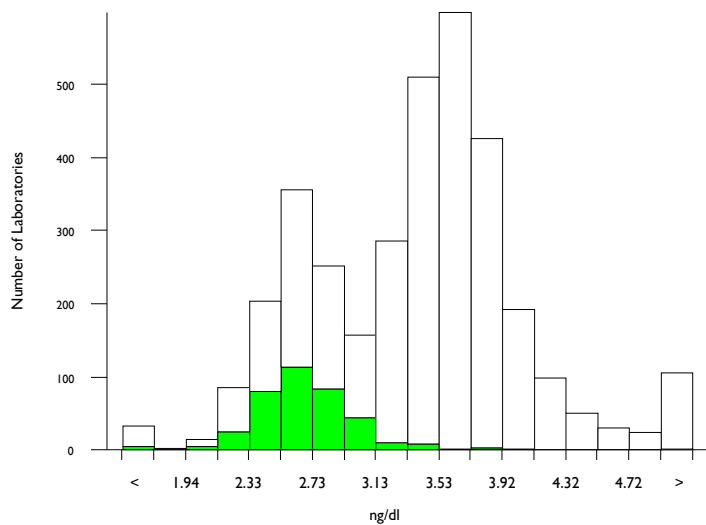


Free T4, ng/dl

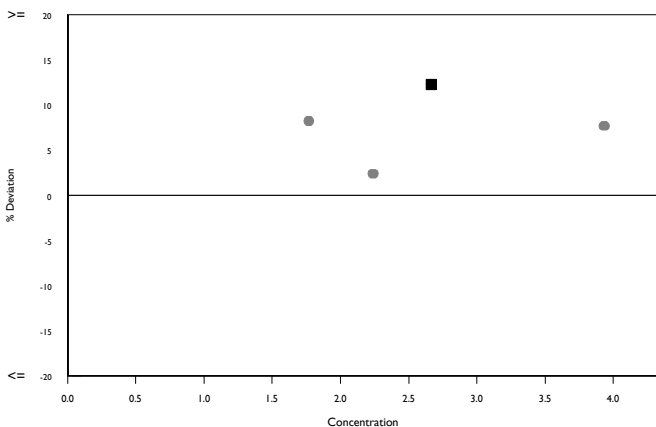
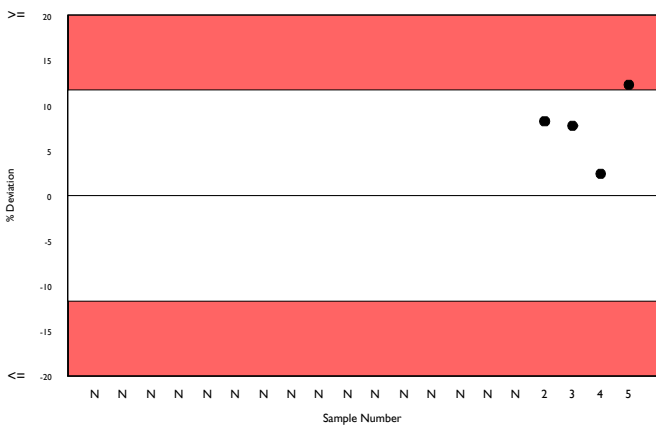
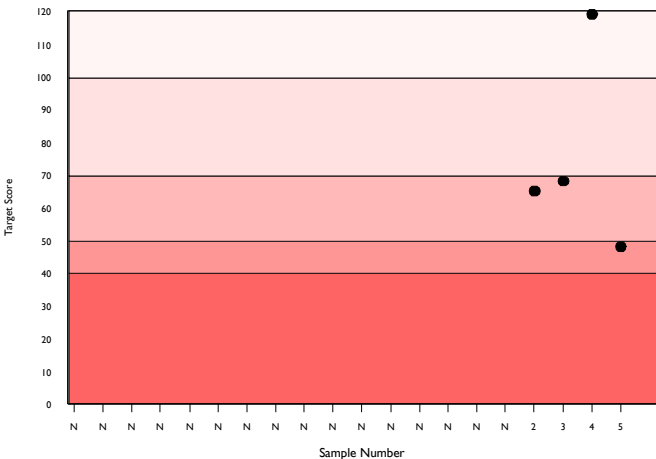
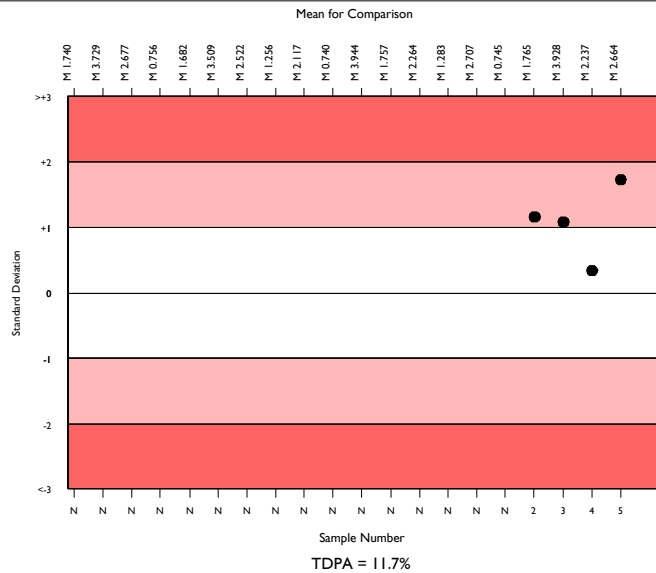
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	3205	3.333	15.9	0.01	0.24	278
Abbott Architect	351	2.664	8.5	0.02	0.19	28

▲ Your Result	2.990	SDI	1.72
		RMSDI	Too Few
■ Mean for Comparison	2.664	TS	48
		RMTS	Too Few
		%DEV	12.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.70%
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	555	3.613	5.4	0.01
Roche Cobas 4000/e41 I	404	3.634	5.0	0.01
Abbott Architect	351	2.664	8.5	0.02
Roche Cobas e402/e80 I	305	3.772	4.1	0.01
Abbott Alinity i	272	2.575	7.8	0.02
Beckman Dxl 600/800	221	3.365	4.4	0.01
Beckman Access/LXi725	178	3.305	6.5	0.02
Siemens Atellica IM	126	2.728	4.0	0.01
Siemens Centaur XP/XPT	115	2.646	5.7	0.02
Ortho Vitros 3600/5600/ECi/XT/7600	43	7.026	2.5	0.03
SNIBE Maglumi analysers	94	4.342	5.6	0.03
Mindray CL 8000i/6000i/2000i/1200i/1000i	78	3.334	4.9	0.02
Tosoh AIA Series	54	3.734	5.5	0.03
bioMerieux, VIDAS-FT4N Kit	53	4.145	5.5	0.04
Roche Elecsys	44	3.597	4.0	0.03
Siemens/DPC Immulite 2000/2500	35	3.907	6.1	0.05
DiaSorin Liaison XL	31	4.997	4.3	0.05
Siemens Centaur CP	24	2.711	3.0	0.02
Immunotech RIA	16	2.492	6.7	0.05
Siemens/DPC Immulite 1000	15	4.026	9.3	0.12
Sysmex HISCL Series	16	4.117	4.6	0.06

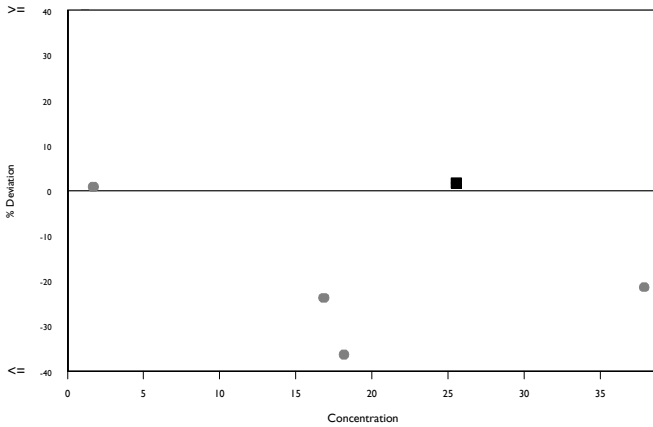
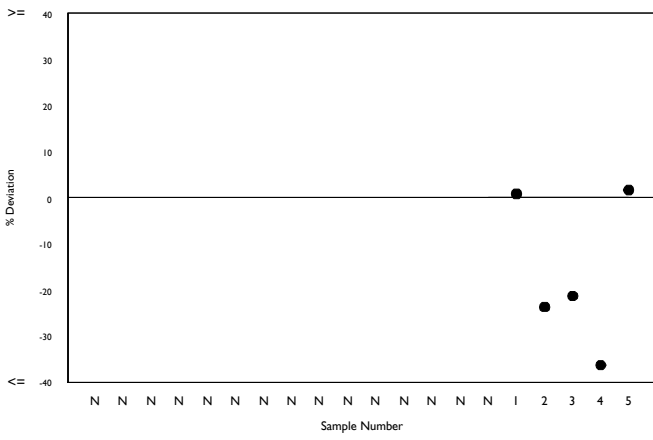
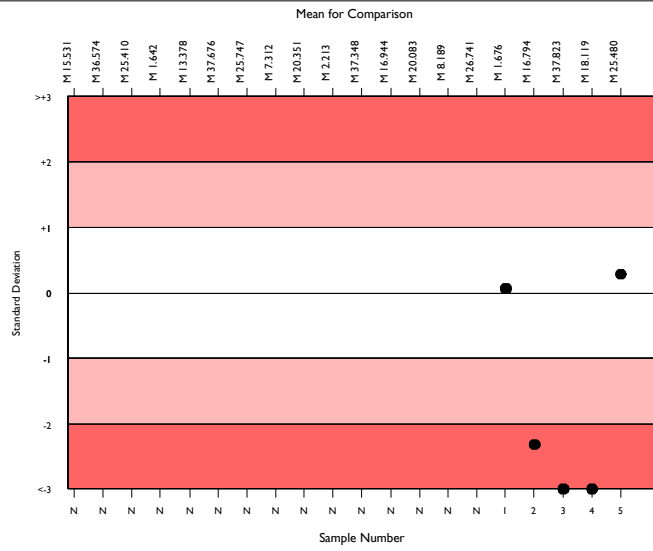
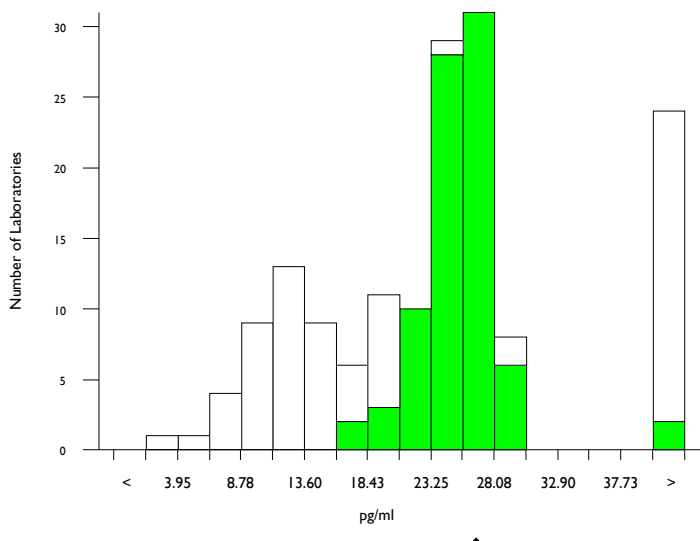


Free Testosterone (Pilot), pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	130	20.846	30.9	0.71	6.43	26
SNIBE Maglumi analysers	71	25.480	5.9	0.22	1.51	11

▲ Your Result	25.900	SDI	0.28
		RMSDI	Too Few
■ Mean for Comparison	25.480	TS	N/A
		RMTS	N/A
		%DEV	1.6
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
SNIBE Maglumi analysers	71	25.480	5.9	0.22
Diametra ELISA	8	13.110	35.1	2.03
ELISA	7	16.507	15.1	1.17
Calculated	7	124.675	5.9	3.49
DRG ELISA	8	14.520	25.1	1.61
IDS Free Testosterone	8	11.956	10.0	0.53
DIAsource, RIA	5	8.548	27.6	1.32
Monobind Inc. ELISA / CLIA	3	14.914	35.9	3.87
Roche Cobas 4000/e411	3	114.662	21.1	17.43
Abbott Alinity i	3	117.526	17.5	14.81
DSL/Beckman Coulter, RIA	2	12.800	7.7	0.87
Novatec ELISA	3	14.003	21.0	2.12
Roche Cobas 6000/8000	2	113.494	23.0	23.12
CDG Q-Strip	2	29.950	0.7	0.19

Testosterone, ng/ml

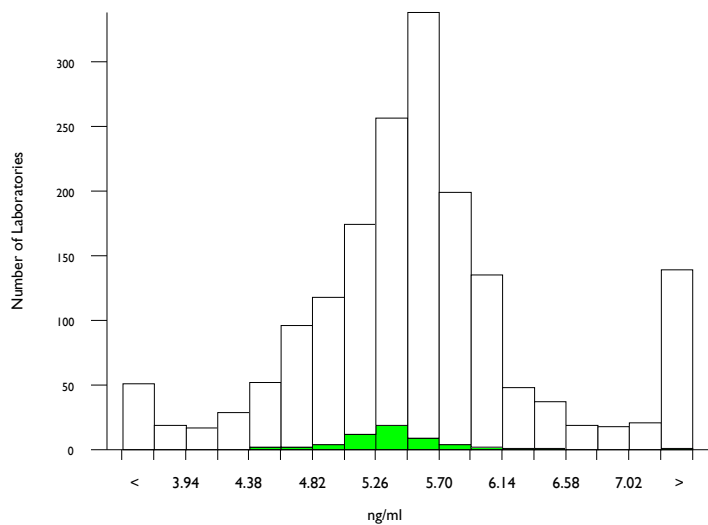
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1576	5.484	10.7	0.02	0.49	190
Abbott Architect 2nd gen	52	5.363	5.5	0.05	0.48	5

▲ Your Result	4.550	SDI	-1.70
		RMSDI	Too Few
■ Mean for Comparison	5.363	TS	49
		RMTS	Too Few
		%DEV	-15.2
		RM%DEV	Too Few

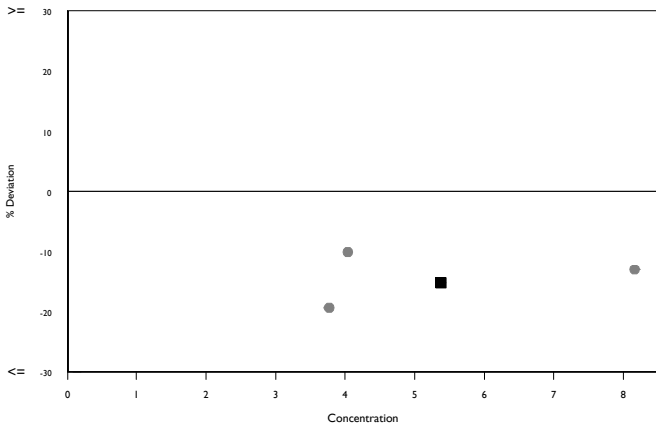
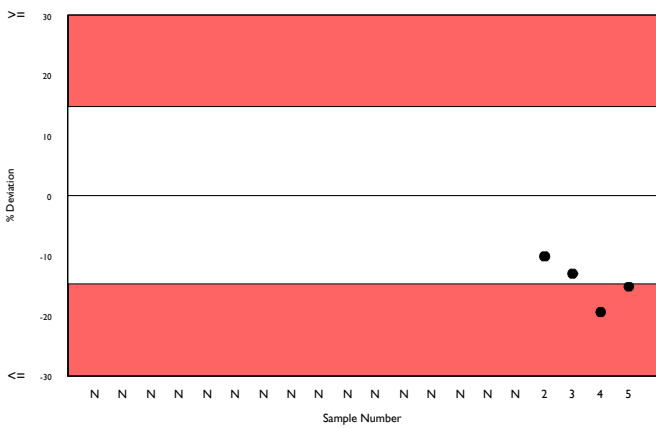
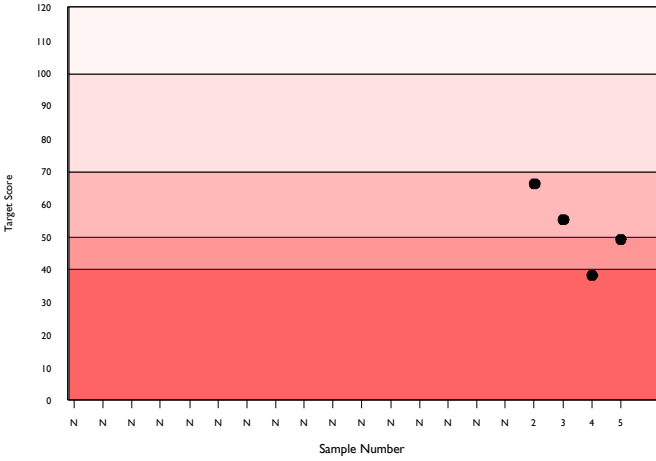
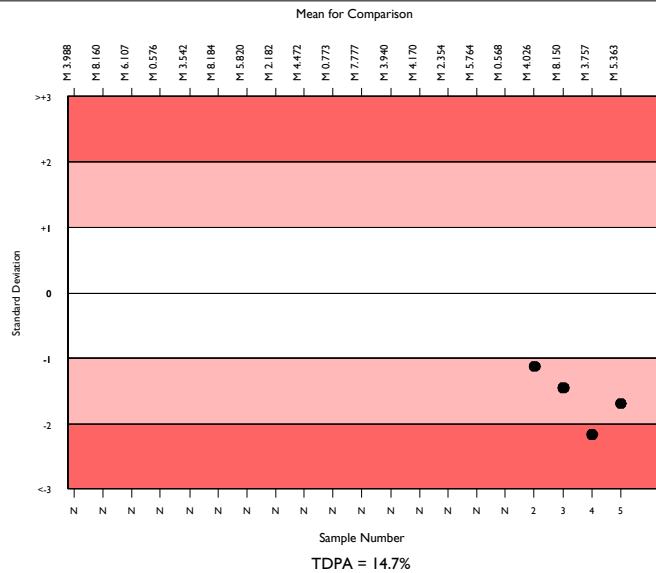
Acceptable limits derived from Biological Variation N/A

Acceptable limits of performance for RIQAS 14.70%

TS & %DEV outside limits



Method	N	Mean	CV%	U _m
Roche Cobas 4000/e411 Test II	247	5.674	5.6	0.03
Roche Cobas e601/602 Test II	242	5.764	4.8	0.02
Roche Cobas e801 Test II	144	5.570	3.3	0.02
Abbott Alinity i	137	5.527	5.4	0.03
Beckman Dxl 600/800	107	4.825	4.9	0.03
Abbott Architect	101	5.502	7.0	0.05
Siemens Atellica IM	73	5.170	5.7	0.04
Beckman Access/LXi725	65	5.290	5.3	0.04
SNIBE Maglumi analysers	63	4.155	13.8	0.09
Abbott Architect 2nd gen	52	5.363	5.5	0.05
Ortho Vitros 3600/5600/ECi/XT 7600	43	7.370	4.7	0.07
bioMerieux VIDAS Testosterone II	42	5.065	5.8	0.06
bioMerieux, VIDAS	38	5.024	8.7	0.09
Mindray CL 8000i/6000i/2000i/1200i/1000i	34	8.137	6.7	0.12
Siemens/DPC Immulite 2000/2500	34	7.048	9.8	0.15
Siemens Centaur XP/XPT TSTII	33	5.259	10.2	0.12
Roche Elecsys Test II	30	5.631	5.4	0.07
Tosoh AIA Series	22	7.304	4.8	0.09
Siemens Centaur XP/XPT TSTO	23	5.115	6.2	0.08
DiaSorin Liaison XL	10	3.262	19.6	0.25
Tosoh AIA-CL Series	7	7.834	5.7	0.21

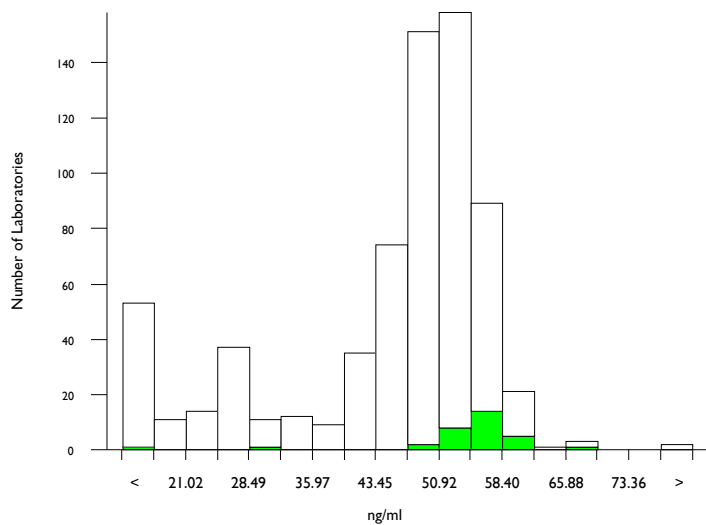


Thyroglobulin, ng/ml

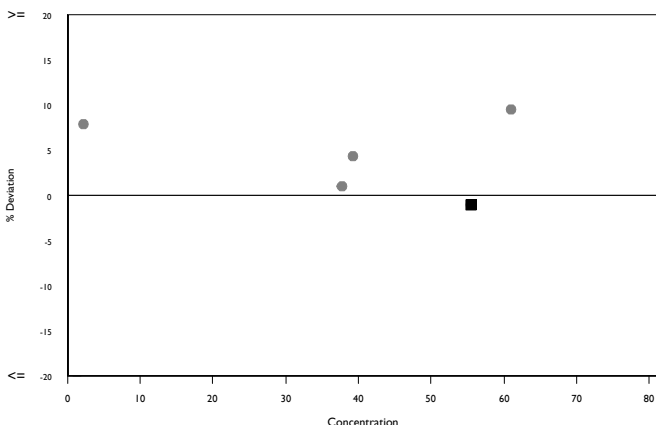
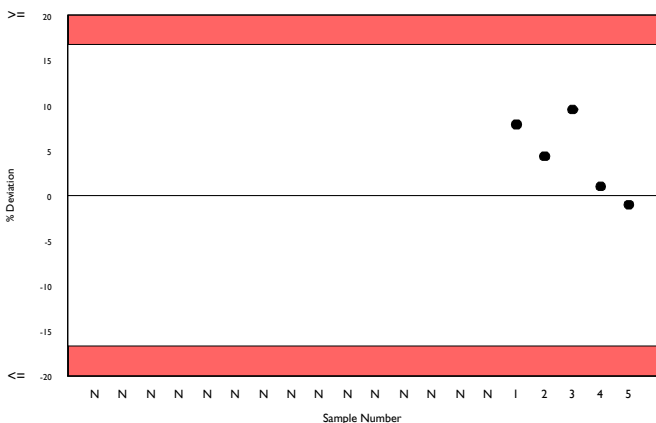
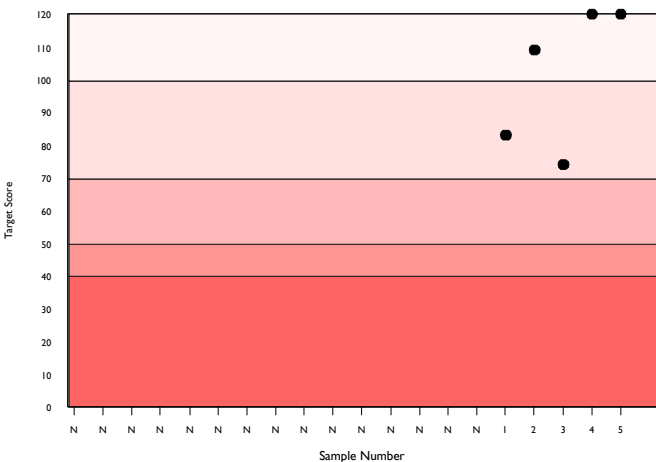
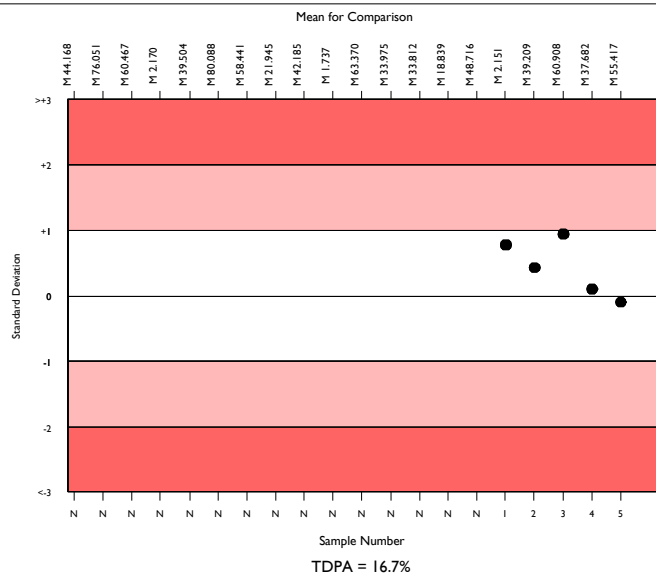
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	630	47.191	21.1	0.50	4.79	51
Abbott Architect	29	55.417	5.4	0.70	5.63	3

▲ Your Result	54.840	SDI	-0.10
		RMSDI	Too Few
■ Mean for Comparison	55.417	TS	120
		RMTS	Too Few
		%DEV	-1.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	16.70%



Method	N	Mean	CV%	U _m
Roche Cobas e601/602 Tg II	90	52.030	5.6	0.39
Roche Cobas e801 Tg II	66	50.545	4.9	0.38
Siemens Immulite 2000/2500	51	25.509	10.1	0.45
Roche Cobas 4000/e41 I	52	51.625	6.7	0.60
Beckman Dxl 600/800	50	44.989	5.6	0.45
Roche Cobas e601/602	44	52.378	5.1	0.50
Roche Cobas 4000/e41 I TgII	37	51.704	6.1	0.65
Abbott Alinity i	31	55.999	4.7	0.59
Beckman Access	30	46.219	7.6	0.80
Abbott Architect	29	55.417	5.4	0.70
SNIBE Maglumi analysers	20	2.878	7.9	0.06
Mindray CL 8000i/6000i/2000i/1200i/1000i	17	15.777	7.5	0.36
Roche Elecsys Tg II	11	51.297	1.8	0.35
DiaSorin, Liaison XL TG II Gen	12	51.940	6.8	1.27
Siemens Atellica IM	12	46.768	3.6	0.61
Beckman IRMA	12	34.795	9.4	1.18
Tosoh AIA Series	11	52.400	9.2	1.81
Roche Elecsys	8	48.968	4.7	1.02
DiaSorin Liaison XL	9	53.273	10.2	2.26
Siemens Immulite 1000	5	26.540	4.4	0.65
Tosoh AIA-CL Series	4	39.270	2.0	0.49

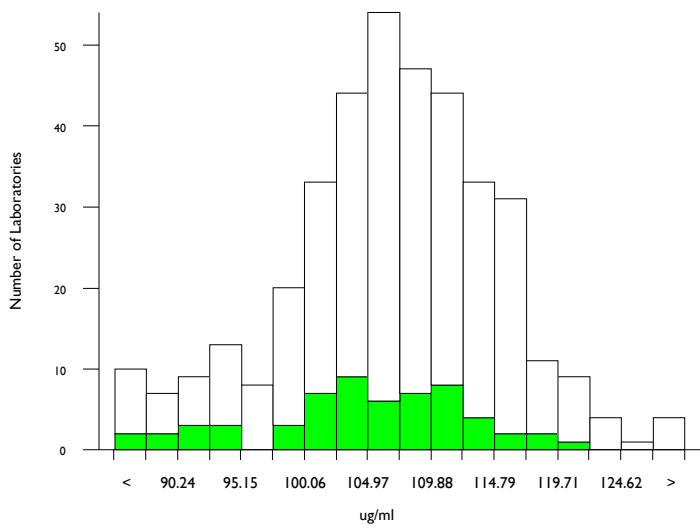


Valproic acid, ug/ml

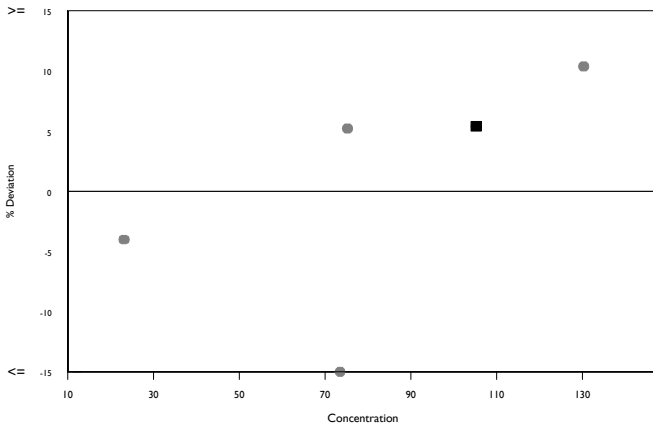
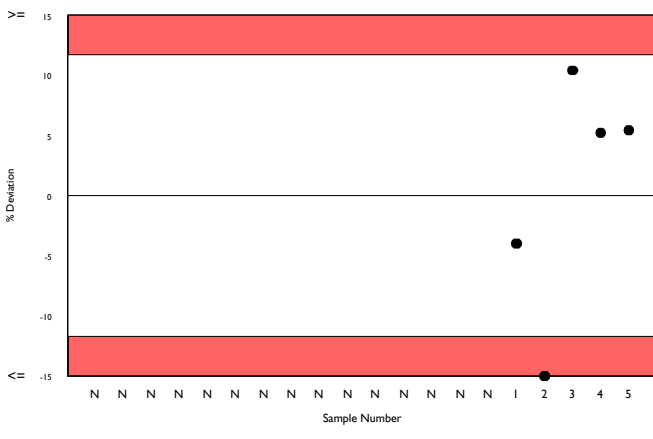
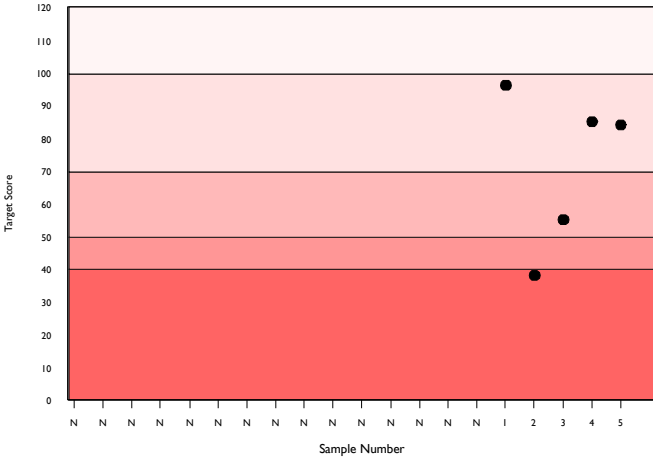
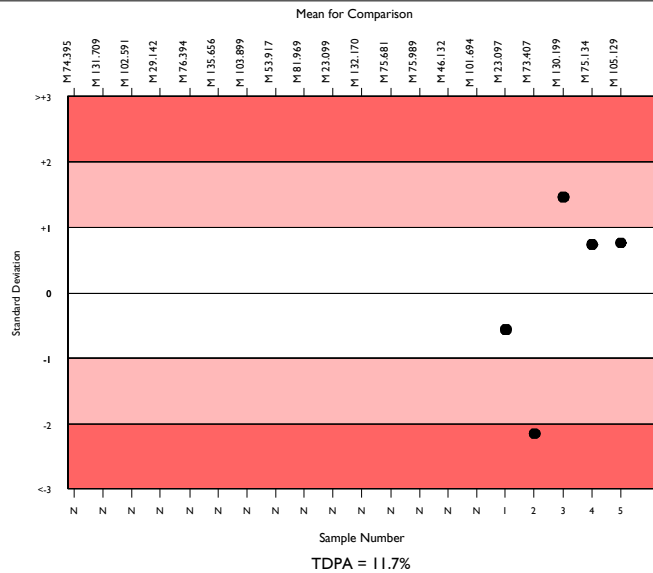
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	352	107.433	6.1	0.44	7.64	31
Abbott Architect (CMIA)	56	105.129	6.8	1.20	7.48	3

▲ Your Result	110.800	SDI	0.76
		RMSDI	Too Few
■ Mean for Comparison	105.129	TS	84
		RMTS	Too Few
		%DEV	5.4
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas 6000/8000	90	104.605	6.6	0.91
Abbott Architect (CMIA)	56	105.129	6.8	1.20
Abbott Alinity (PETINA)	40	111.410	3.1	0.67
Roche Integra	23	106.196	4.4	1.21
Beckman AU Instruments	22	111.502	6.0	1.79
Siemens Atellica CH	18	103.995	3.6	1.10
Siemens/DPC Immulite 2000/2500	19	112.184	4.7	1.50
Abbott Alinity (CMIA)	16	109.872	4.7	1.60
Siemens Centaur XP/XPT	10	112.026	5.2	2.32
Ortho Vitros 4600/5600/5.1/XT 7600	7	108.196	5.1	2.58
Abbott Architect (PETINIA)	5	110.070	2.3	1.41
Siemens Advia 1200/1650/1800/2400	5	103.430	1.2	0.69
Siemens Dimension	4	93.583	3.9	2.29
Roche Cobas 4000/c311	6	109.183	10.4	5.78
Beckman DxC	5	109.869	8.7	5.33
EMIT	5	111.318	3.3	2.05
Siemens Centaur CP	4	113.123	6.4	4.50
Siemens/DPC Immulite 1000	4	123.504	8.2	6.30
ELISA	3	89.437	20.3	13.10
Siemens Syva/Emit	2	123.499	7.4	8.13
GC/MS	2	104.750	0.3	0.31

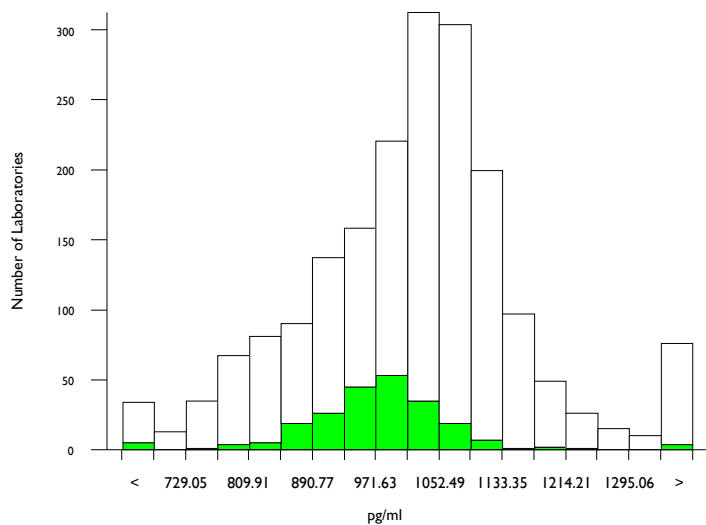


Vitamin B12, pg/ml

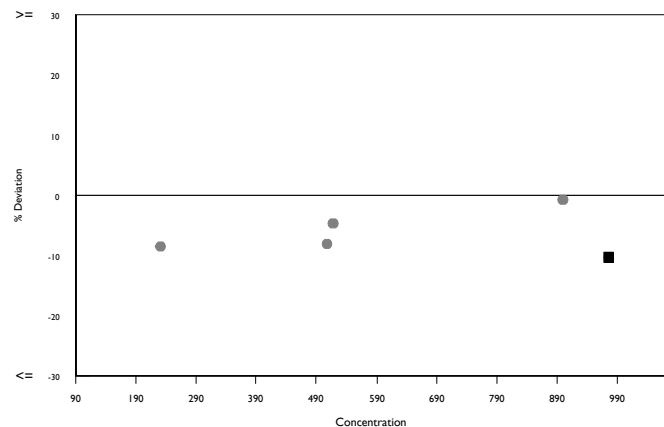
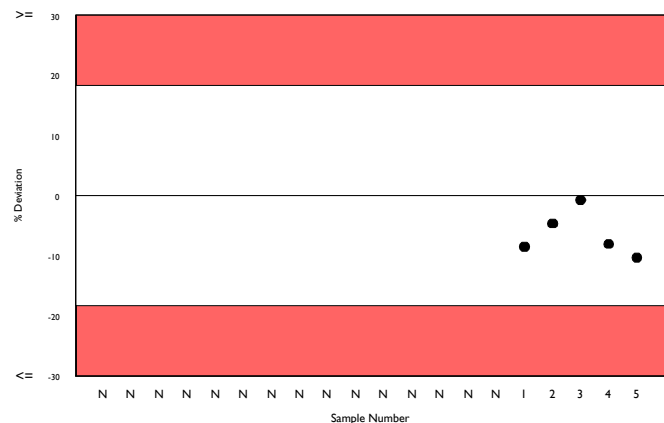
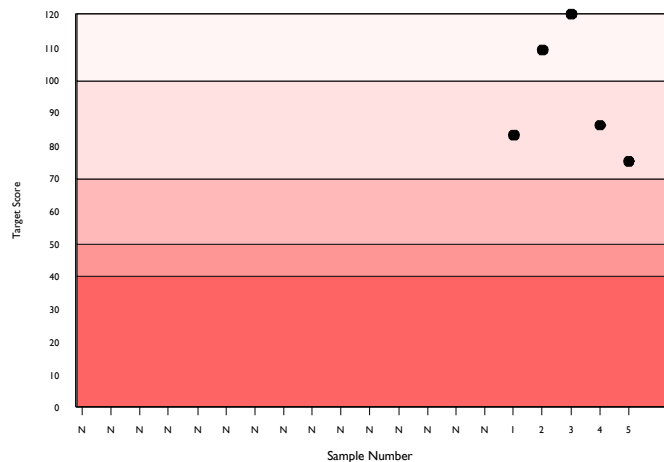
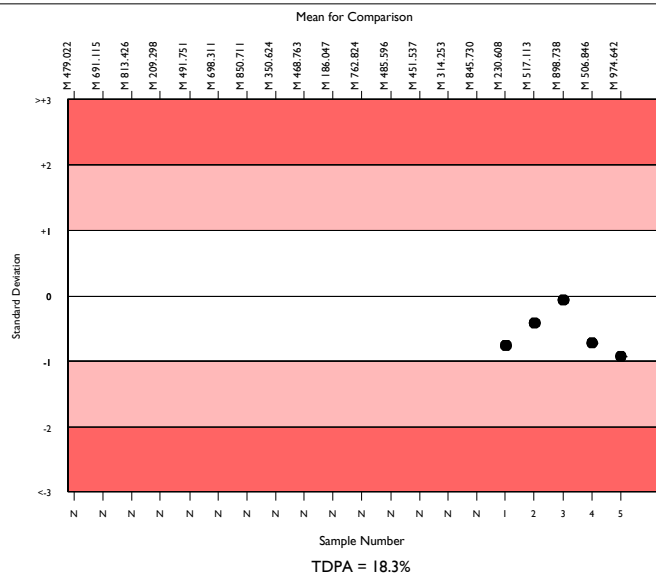
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1780	1012.063	10.7	3.19	112.60	153
Abbott Architect	204	974.642	6.3	5.40	108.43	23

▲ Your Result	874.000	SDI	-0.93
		RMSDI	Too Few
■ Mean for Comparison	974.642	TS	75
		RMTS	Too Few
		%DEV	-10.3
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602 Gen II	262	1072.641	4.0	3.30
Roche Cobas 4000/e411 Gen II	257	1061.338	6.8	5.61
Abbott Architect	204	974.642	6.3	5.40
Roche Cobas e801 Gen II	202	1050.889	4.1	3.80
Abbott Alinity i	156	1028.650	5.9	6.08
Beckman Dxl 600/800	133	845.174	7.9	7.26
Beckman Access/LXi725	82	873.276	6.5	7.78
Siemens Centaur XP/XPT	84	1070.883	8.4	12.33
Ortho Vitros 3600/5600/ECi/XT 7600	75	816.945	7.0	8.28
Siemens Atellica IM	73	1102.149	6.0	9.74
SNIBE Maglumi analysers	55	928.485	6.9	10.78
Mindray CL 8000i/6000i/2000i/1200i/1000i	49	1411.325	8.6	21.73
Roche Elecsys	28	1031.304	8.1	19.80
Siemens/DPC Immulite 2000	17	892.067	12.9	34.76
Tosoh AIA Series	20	1270.864	10.1	35.73
DiaSorin Liaison XL	15	999.146	16.6	53.64
Siemens Dimension	10	935.247	4.1	15.12
Siemens Centaur CP	7	1102.515	20.5	106.74
Mindray CL 900i	7	1354.801	13.7	87.50
Lifotronic eCL	6	1366.588	18.6	129.83
Tosoh AIA-CL Series	6	1071.917	2.0	10.99

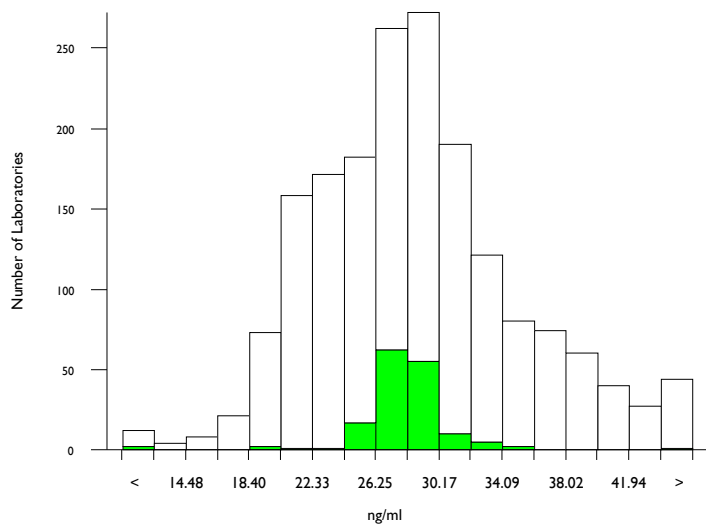


25-OH-Vitamin D, ng/ml

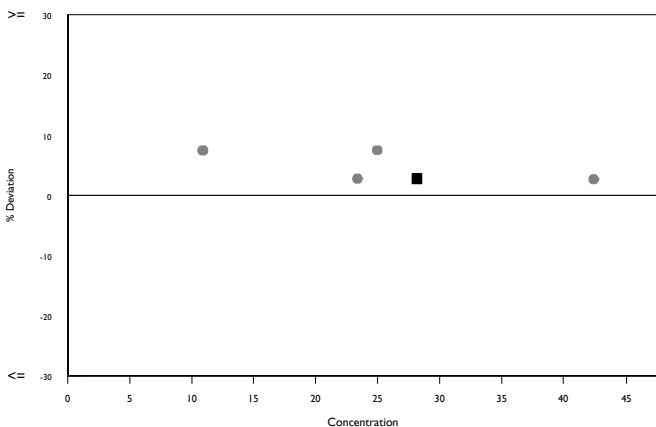
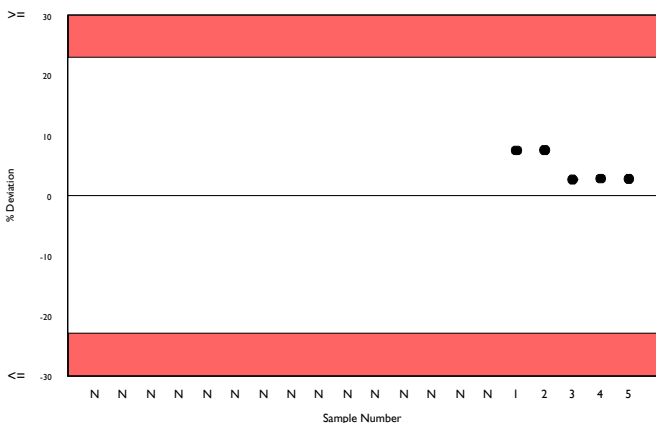
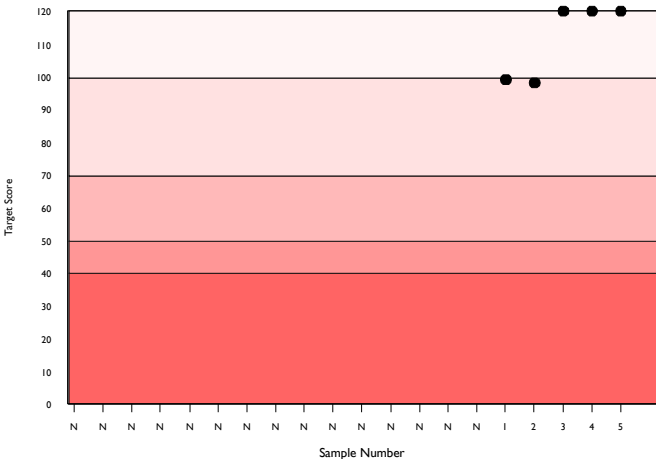
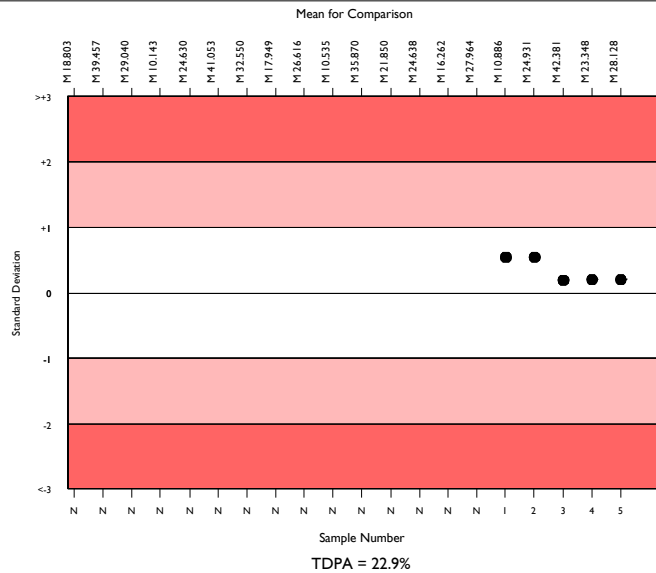
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1687	28.215	18.5	0.16	3.93	112
Abbott Architect (5P02)	143	28.128	5.0	0.15	3.92	15

▲ Your Result	28.900	SDI	0.20
		RMSDI	Too Few
■ Mean for Comparison	28.128	TS	120
		RMTS	Too Few
		%DEV	2.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	22.90%



Method	N	Mean	CV%	U _m
Roche Vitamin D Total	156	23.892	13.3	0.32
Roche Vitamin D Total III	147	23.141	12.5	0.30
Abbott Architect (5P02)	143	28.128	5.0	0.15
Abbott Alinity i	139	29.139	5.6	0.17
Roche Vitamin D Total II	136	23.980	13.9	0.36
Roche Vitamin D Total II e801	122	23.399	8.6	0.23
SNIBE Maglumi Analyser	82	35.542	9.6	0.47
bioMerieux Vidas/mini Vidas/Vidas 3	75	31.982	4.8	0.22
Beckman Access 25 OH Vitamin D Total	74	28.938	13.0	0.55
Beckman Dxl 600/800	72	28.853	9.9	0.42
Siemens Atellica IM	67	40.052	8.6	0.53
Ortho Vitros 3600/5600/ECi/XT 7600	61	39.105	10.0	0.63
Abbott Architect (3L52)	56	28.066	6.0	0.28
Siemens Centaur XP/XPT	56	37.028	11.0	0.68
Roche Vitamin D Total III e402/e801	53	23.127	8.8	0.35
DiaSorin Liaison XL	49	30.557	5.6	0.31
Mindray CL 8000i/6000i/2000i/1200i/1000i	44	31.539	7.0	0.41
DiaSorin, Liaison	18	31.299	6.0	0.56
Tosoh AIA Series	15	32.475	6.2	0.65
Shenzhen YHLO iFlash Series	9	30.250	9.2	1.16
Lifotronic eCL	8	31.994	17.1	2.42



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	29.633	25.700	-0.84	Too Few	-13.3	Too Few	N/A	N/A	
AFP	112.617	110.800	-0.20	Too Few	-1.6	Too Few	120	Too Few	
Beta-2-Microglobulin	3.892	3.790	-0.29	Too Few	-2.6	Too Few	120	Too Few	
CA 125	163.699	141.800	-1.63	Too Few	-13.4	Too Few	50	Too Few	
CA 15-3	67.909	53.300	-2.24	Too Few	-21.5	Too Few	37	Too Few	▲
CA 19-9	163.532	158.260	-0.31	Too Few	-3.2	Too Few	120	Too Few	
Carbamazepine	12.384	10.940	-1.40	Too Few	-11.7	Too Few	57	Too Few	
CEA	53.535	57.390	1.09	Too Few	7.2	Too Few	68	Too Few	
Cortisol	24.148	22.900	-0.65	Too Few	-5.2	Too Few	90	Too Few	
DHEA-S	544.711	537.000	-0.17	Too Few	-1.4	Too Few	120	Too Few	
Digoxin	2.688	2.780	0.29	Too Few	3.4	Too Few	116	Too Few	
Ferritin	218.185	234.900	0.89	Too Few	7.7	Too Few	76	Too Few	
Folate	5.319	5.600	0.38	Too Few	5.3	Too Few	114	Too Few	
FSH	48.496	49.560	0.32	Too Few	2.2	Too Few	120	Too Few	
hCG	239.387	224.980	-0.79	Too Few	-6.0	Too Few	82	Too Few	
IgE	285.232	285.960	0.03	Too Few	0.3	Too Few	120	Too Few	
Insulin	19.020	20.200	0.63	Too Few	6.2	Too Few	91	Too Few	
LH	37.851	33.960	-1.42	Too Few	-10.3	Too Few	56	Too Few	
Oestradiol	568.202	613.840	1.00	Too Few	8.0	Too Few	72	Too Few	
17-OH-Progesterone	7.775	8.400	0.42	Too Few	8.0	Too Few	110	Too Few	
Phenobarbital	24.437	27.030	1.26	Too Few	10.6	Too Few	62	Too Few	
Progesterone	25.361	23.750	-0.67	Too Few	-6.4	Too Few	89	Too Few	
Prolactin	40.517	43.180	0.91	Too Few	6.6	Too Few	76	Too Few	
PSA, Free	15.367	15.230	-0.12	Too Few	-0.9	Too Few	120	Too Few	
PSA, Total	12.003	12.080	0.09	Too Few	0.6	Too Few	120	Too Few	
Parathyroid hormone	1003.248	868.000	-1.23	Too Few	-13.5	Too Few	63	Too Few	
Free T3	9.868	9.920	0.07	Too Few	0.5	Too Few	120	Too Few	
Free T4	2.664	2.990	1.72	Too Few	12.3	Too Few	48	Too Few	
Free Testosterone (Pilot)	25.480	25.900	0.28	Too Few	1.6	Too Few	N/A	N/A	
Testosterone	5.363	4.550	-1.70	Too Few	-15.2	Too Few	49	Too Few	
Thyroglobulin	55.417	54.840	-0.10	Too Few	-1.0	Too Few	120	Too Few	
TSH	6.057	6.610	1.31	Too Few	9.1	Too Few	60	Too Few	
Valproic acid	105.129	110.800	0.76	Too Few	5.4	Too Few	84	Too Few	
Vitamin B12	974.642	874.000	-0.93	Too Few	-10.3	Too Few	75	Too Few	
25-OH-Vitamin D	28.128	28.900	0.20	Too Few	2.7	Too Few	120	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A