

Laboratorio Emotest s.r.l.

# MONTHLY IMMUNOASSAY

CYCLE 21 SAMPLE 6

## Explanation of codes used in this report

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

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Issue No: 1

Issue Date: 29/06/2023

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# ACTH, pg/ml

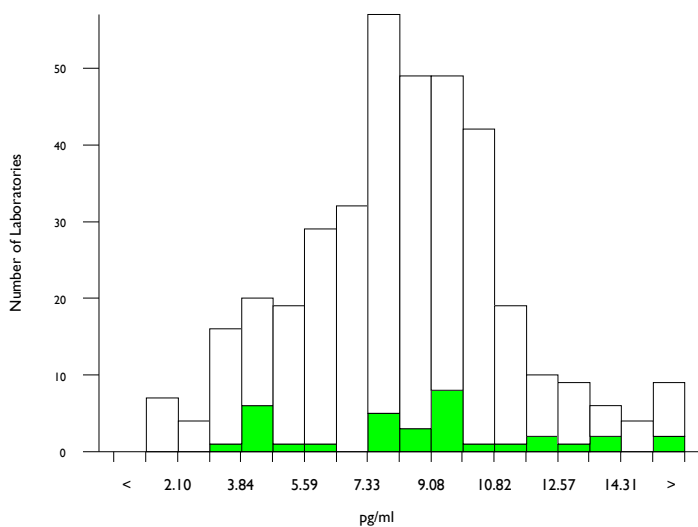
□ All Methods

■ SNIBE Maglumi analysers

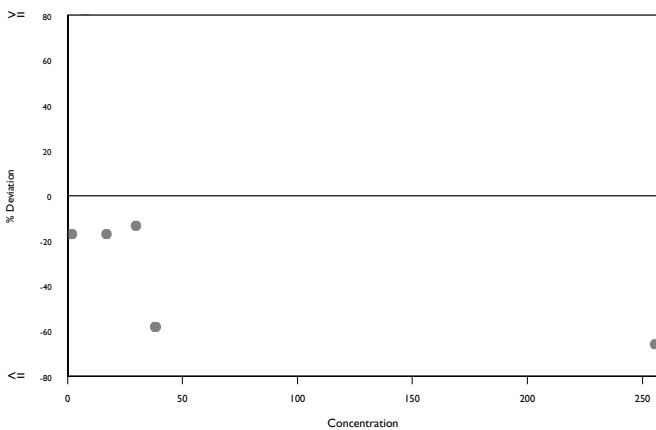
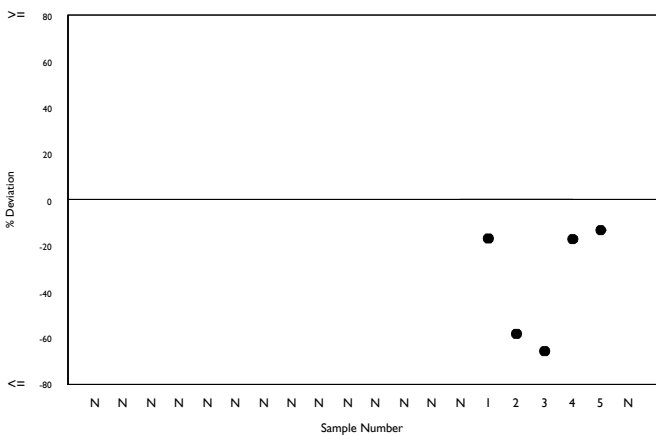
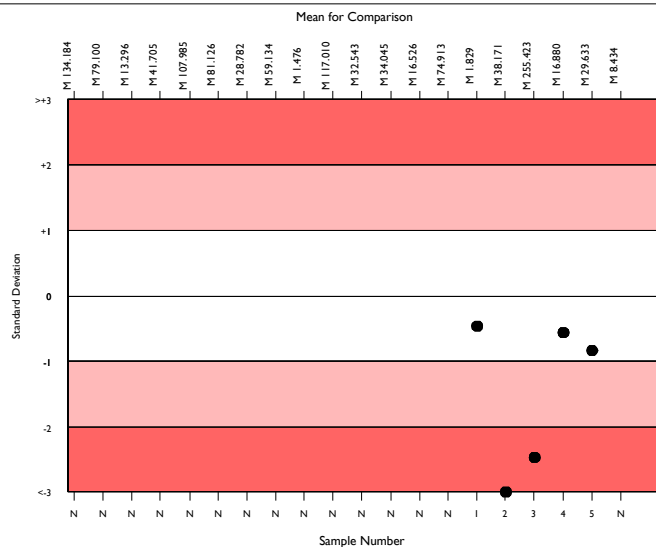
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	349	8.210	28.3	0.16	2.33	43
SNIBE Maglumi analysers	32	8.434	35.6	0.66	3.00	3

▲ Your Result	No Result	SDI	RMSEI	Too Few
■ Mean for Comparison	8.434	TS	RMTS	N/A
		%DEV	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 <sub>m</sub>
Roche Cobas 4000/e411	75	7.979	30.3	0.35
Siemens/DPC Immulite 2000/2500	59	8.951	21.4	0.31
Roche Cobas e601 / 602	58	8.043	21.1	0.28
Roche Cobas e402/e801	58	7.771	20.6	0.26
SNIBE Maglumi analysers	32	8.434	35.6	0.66
DiaSorin Liaison XL	27	10.378	26.1	0.65
Tosoh AIA Series	8	6.798	29.8	0.89
Mindray CL 8000i/6000i/2000i/1200i/1000i	7	8.360	11.4	0.45
Siemens/DPC Immulite 1000	3	8.033	42.4	2.46
Roche Elecsys	4	9.316	17.5	1.02
DIAsource IRMA	5	14.072	5.0	0.40
Tosoh AIA-CL Series	4	5.730	39.7	1.42
DiaSorin, Liaison	2	11.950	16.0	1.69
Mindray CL 900i	2	8.190	0.3	0.02



# AFP, U/ml

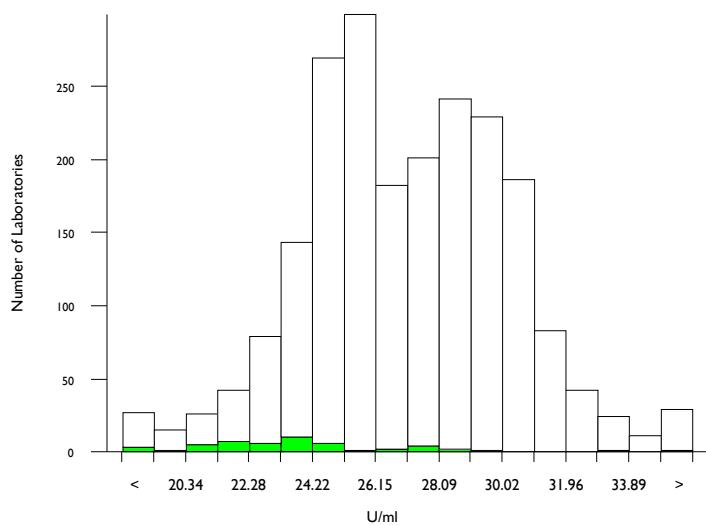
☐ All Methods

■ bioMerieux, Vidas/Mini Vidas

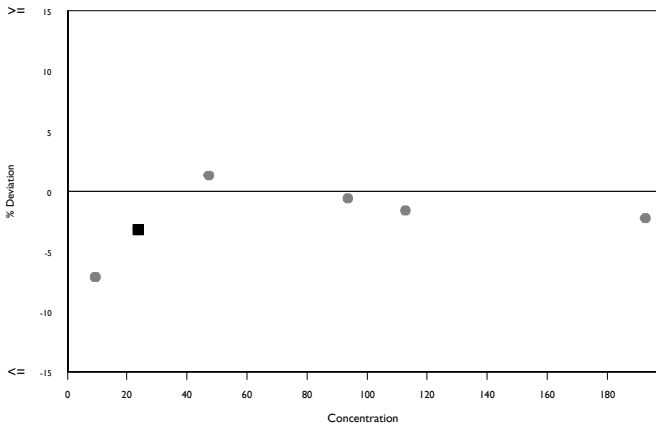
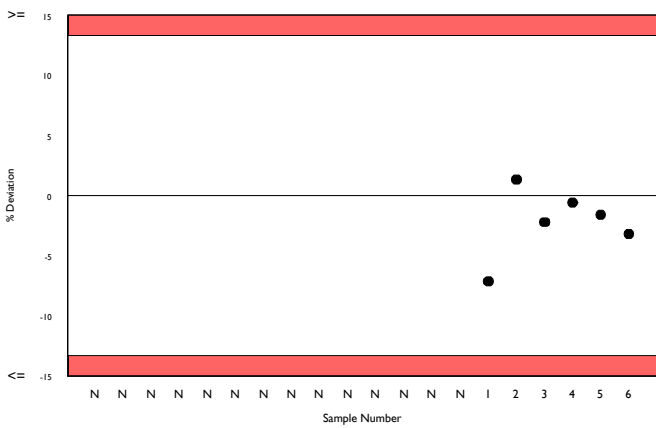
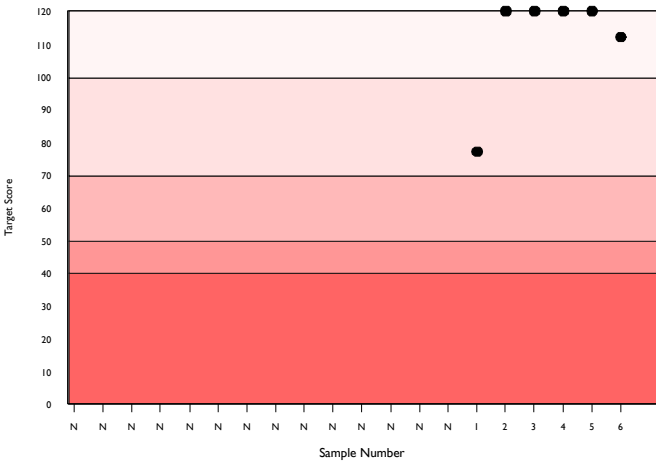
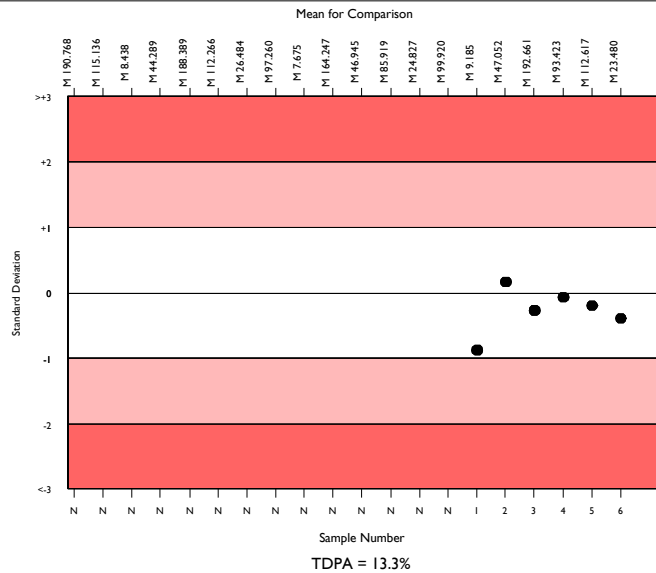
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1999	27.123	9.5	0.07	2.19	129
bioMerieux, Vidas/Mini Vidas	47	23.480	10.7	0.46	1.90	3

▲ Your Result	22.730	SDI	-0.39
		RMSDI	Too Few
■ Mean for Comparison	23.480	TS	112
		RMTS	Too Few
		%DEV	-3.2
		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 <sub>m</sub>
Roche Cobas e601/ 602	316	29.027	5.5	0.11
Roche Cobas 4000/e411	240	28.493	8.5	0.20
Abbott Architect	225	25.209	3.5	0.07
Abbott Alinity i	195	25.415	3.0	0.07
Roche Cobas e402/e801	190	29.091	4.1	0.11
Beckman Dxl 600/800	152	24.074	6.7	0.16
Siemens Atellica IM	84	29.689	6.0	0.24
Beckman Access/LXi725	82	25.239	8.9	0.31
Siemens Centaur XP/XPT	61	29.459	5.0	0.24
Ortho Vitros 3600/5600/ECi/ XT 7600	57	26.010	8.3	0.36
SNIBE Maglumi analysers	45	27.674	7.7	0.40
bioMerieux, Vidas/Mini Vidas	47	23.480	10.7	0.46
Mindray CL 8000i/6000i/2000i/1200i/1000i	36	25.986	5.1	0.28
Siemens/DPC Immulite 2000/2500	37	25.282	8.8	0.46
Tosoh AIA Series	28	25.795	4.0	0.24
DiaSorin Liaison XL	25	29.276	8.3	0.61
Roche Elecsys	21	28.902	11.1	0.87
Siemens Centaur CP	13	30.527	7.6	0.80
ImmunoTech IRMA	9	29.577	1.9	0.23
Tosoh AIA-CL Series	11	24.203	5.0	0.45
Boditech Med Inc i-CHROMA	7	24.683	9.7	1.13

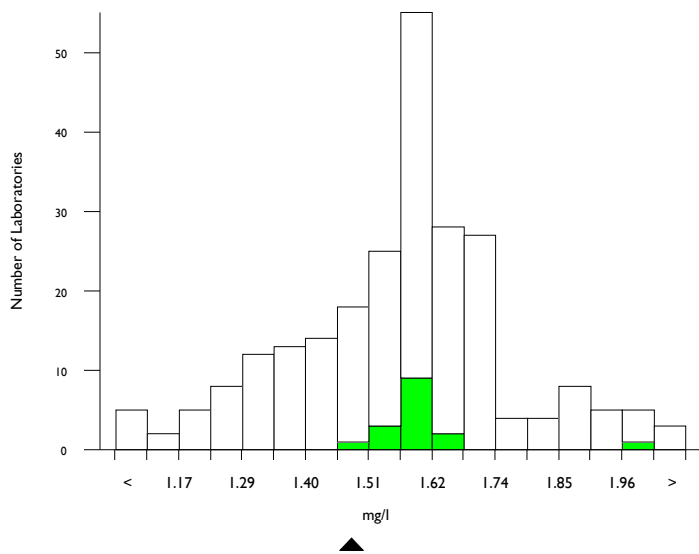


# Beta-2-Microglobulin, mg/l

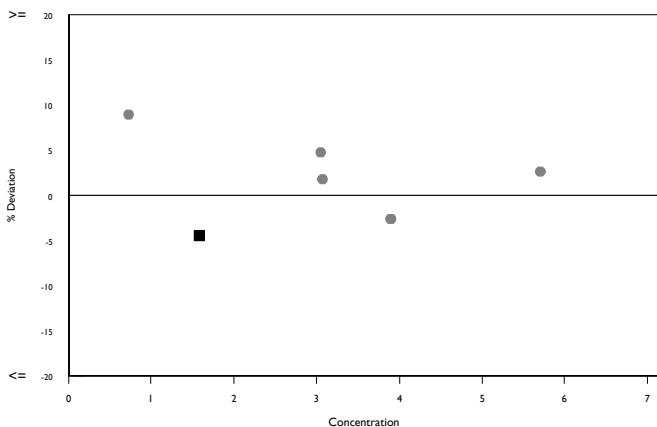
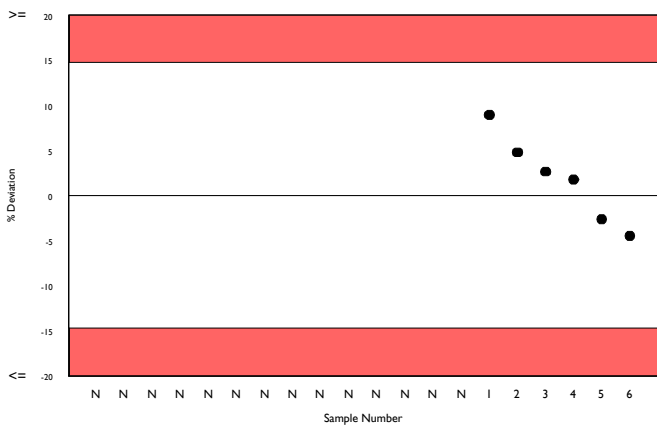
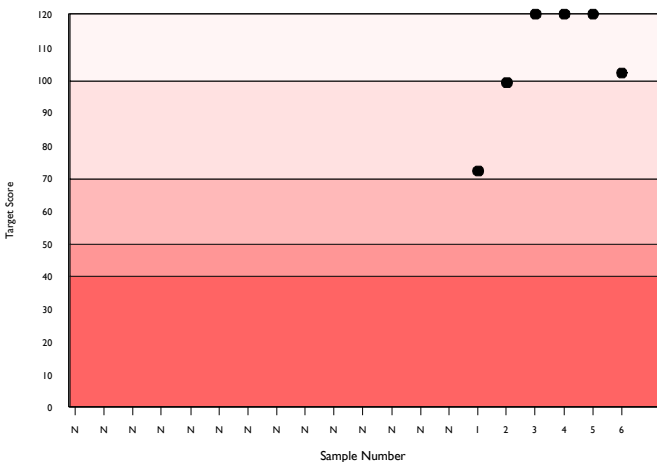
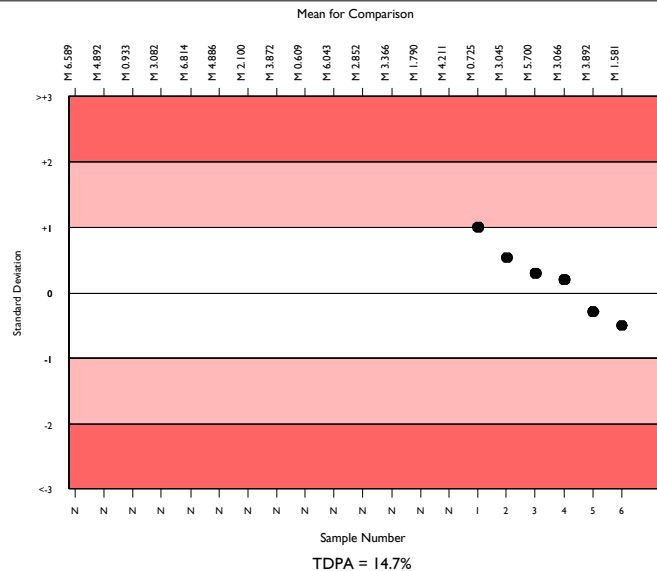
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	221	1.573	9.5	0.01	0.14	21
Abbott Architect	15	1.581	2.4	0.01	0.14	1

▲ Your Result	1.510	SDI	-0.50
		RMSDI	Too Few
■ Mean for Comparison	1.581	TS	102
		RMTS	Too Few
		%DEV	-4.5
		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 <sub>m</sub>
Roche Cobas 6000/8000	44	1.633	4.2	0.01
bioMerieux, VIDAS	30	1.751	9.7	0.04
Siemens/DPC Immulite 2000/2500	24	1.573	10.2	0.04
Abbott Alinity	17	1.602	1.6	0.01
Abbott Architect	15	1.581	2.4	0.01
SNIBE Maglumi analysers	12	1.310	5.3	0.02
Siemens Atellica CH	12	1.428	2.6	0.01
DiaSorin, Liaison	8	1.405	11.8	0.07
Siemens/Behring Nephelometer	6	1.562	3.5	0.03
DiaSorin Liaison XL	6	1.275	6.7	0.04
Beckman AU Instruments	6	1.426	8.2	0.06
Tosoh AIA-CL Series	5	1.564	1.8	0.02
Tosoh AIA Series	6	1.647	3.7	0.03
BioSystems Latex	4	1.508	12.5	0.12
Binding Site Optilite	3	1.717	9.6	0.12
Siemens Advia 1200/1650/1800/2400	3	1.450	9.1	0.10
Roche Tinaquant	2	1.560	4.5	0.06
Siemens/DPC Immulite 1000	2	1.950	13.8	0.24
Roche Elecsys	2	1.735	11.8	0.18
Roche Cobas 4000/c311	2	1.460	13.6	0.17

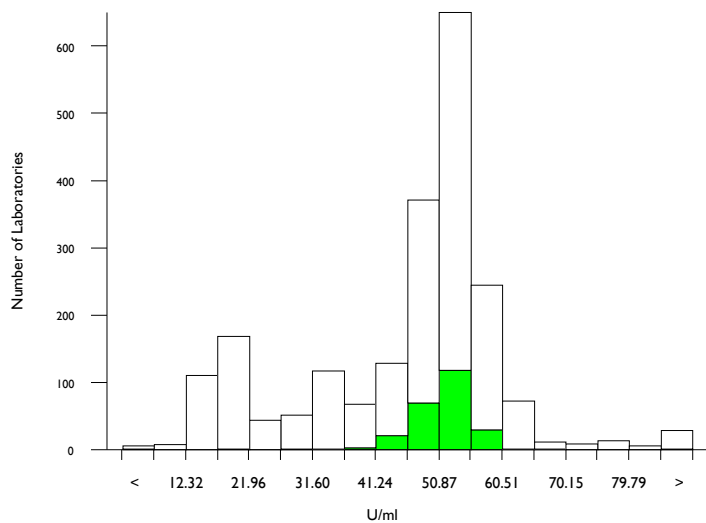


# CA I25, U/ml

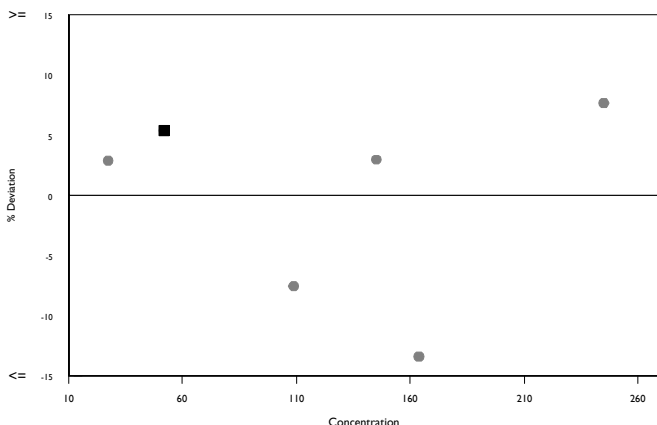
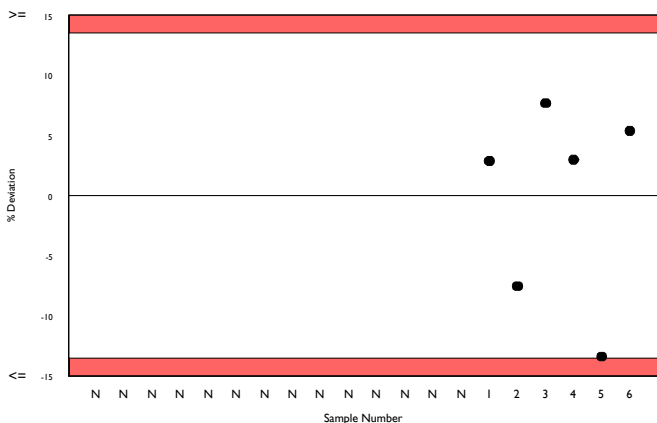
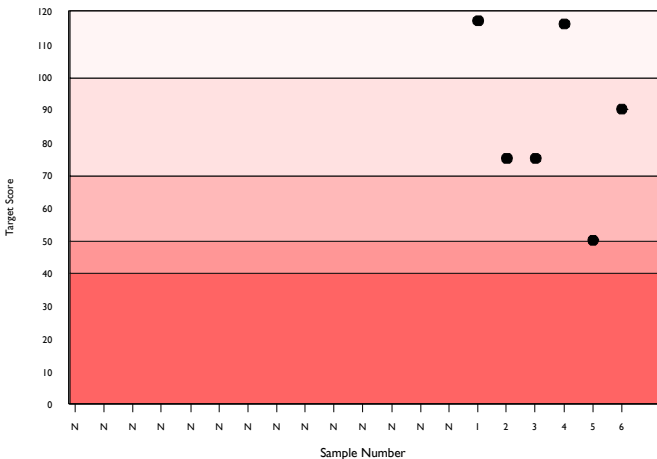
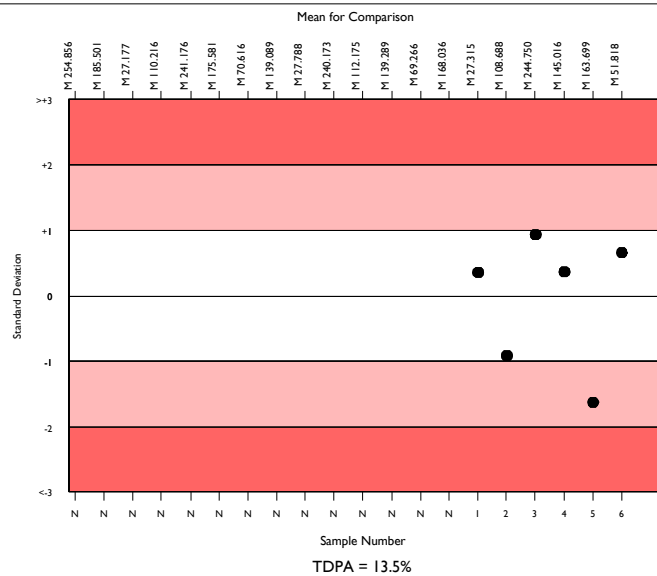
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1988	46.060	27.9	0.36	3.78	126
Abbott Architect	232	51.818	6.3	0.27	4.25	17

▲ Your Result	54.600	SDI	0.65
		RMSDI	Too Few
■ Mean for Comparison	51.818	TS	90
		RMTS	Too Few
		%DEV	5.4
		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 <sub>m</sub>
Roche Cobas e601/ 602	321	54.533	4.0	0.15
Roche Cobas 4000/e41 I	249	55.925	7.0	0.31
Abbott Architect	232	51.818	6.3	0.27
Abbott Alinity	189	52.936	4.2	0.20
Roche Cobas e402/e801	181	49.745	3.6	0.16
Beckman Dxl 600/800	139	16.938	6.1	0.11
Siemens Atellica IM	81	46.572	4.8	0.31
Beckman Access/LXi725	79	18.237	8.1	0.21
bioMerieux, VIDAS	70	44.626	7.4	0.49
Ortho Vitros 3600/5600/ECi/XT 7600	58	34.375	4.4	0.25
SNIBE Maglumi analysers	50	25.276	12.6	0.56
Centaur XP/XPT CA125 II Kit	39	36.107	6.6	0.48
Mindray CL 8000i/6000i/2000i/1200i/1000i	38	31.236	7.1	0.45
Siemens/DPC Immulite 2000/2500	27	19.826	7.2	0.34
Tosoh AIA Series	29	88.007	8.8	1.80
Roche Elecsys	23	53.658	6.6	0.92
DiaSorin Liaison XL	22	61.864	4.8	0.78
Siemens Centaur XP/XPT OV Kit	19	35.074	6.1	0.62
Siemens Centaur CP CA125 II Kit	15	36.360	8.3	0.97
Tosoh AIA-CL Series	8	77.363	1.9	0.64
Siemens/DPC Immulite 1000	6	18.283	5.9	0.55

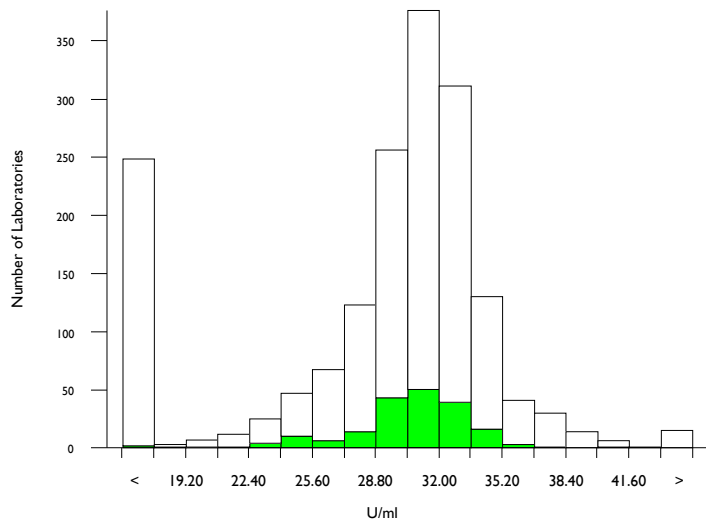


# CA 15-3, U/ml

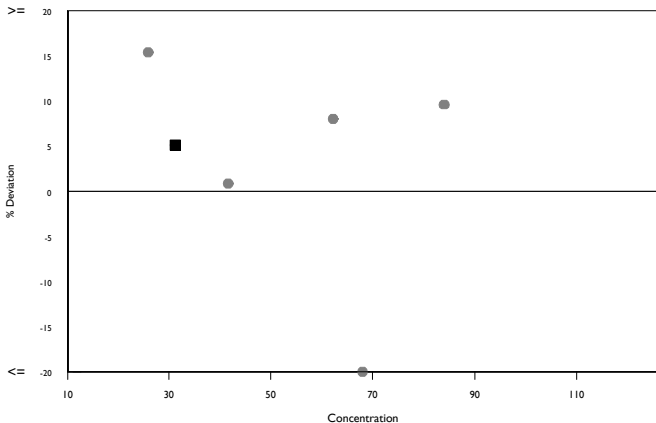
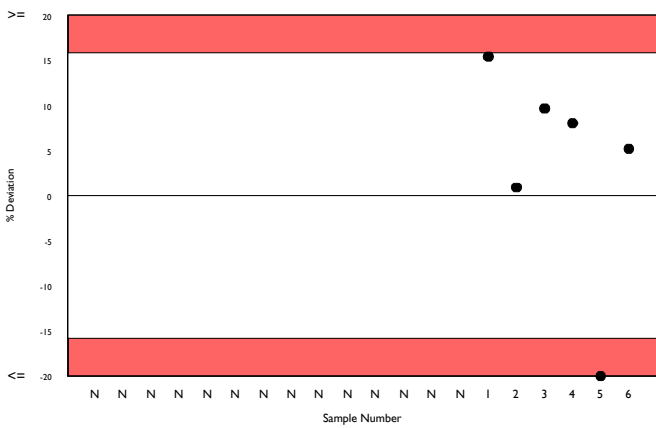
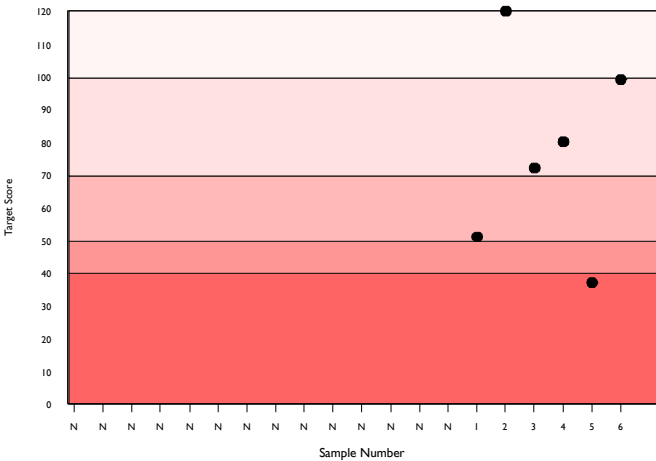
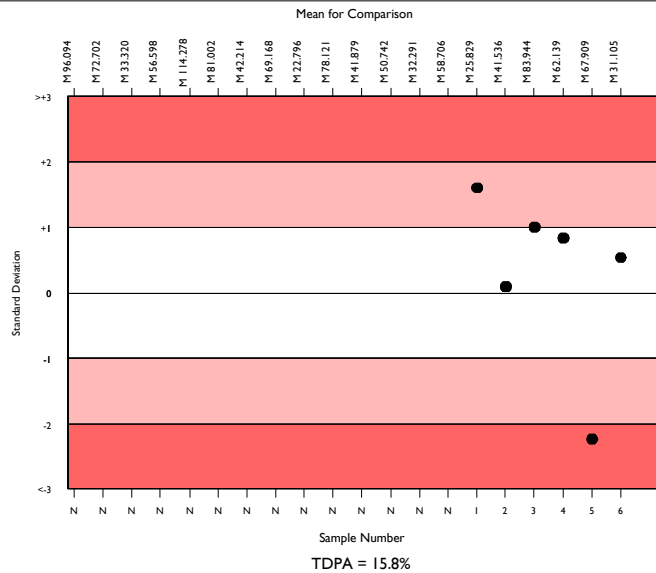
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1503	30.403	14.0	0.14	2.92	209
Abbott Architect	171	31.105	6.5	0.19	2.99	21

▲ Your Result	32.700	SDI	0.53
		RMSDI	Too Few
■ Mean for Comparison	31.105	TS	99
		RMST	Too Few
		%DEV	5.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.80%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	272	32.123	5.5	0.13
Roche Cobas 4000/e41 I	200	32.251	6.6	0.19
Abbott Architect	171	31.105	6.5	0.19
Roche Cobas e402/e80 I	165	31.472	4.0	0.12
Abbott Alinity i	155	30.854	4.9	0.15
Beckman Dxl 600/800	111	13.173	7.0	0.11
Siemens Atellica IM	71	30.192	5.9	0.26
Beckman Access/LXi725	61	13.614	7.5	0.16
BioMerieux VIDAS	54	29.742	6.5	0.33
Siemens Centaur XP/XPT	51	28.762	9.6	0.48
SNIBE Maglumi analysers	38	39.018	10.0	0.79
Ortho Vitros 3600/5600/ECi/XT 7600	34	26.788	5.7	0.33
Mindray CL 8000i/6000i/2000i/1200i/1000i	31	15.195	7.0	0.24
Siemens/DPC Immulite 2000/2500	28	27.691	9.5	0.62
Roche Elecsys	19	31.641	12.4	1.12
DiaSorin Liaison XL	14	30.505	5.0	0.51
Tosoh AIA Series	15	33.281	9.5	1.02
Tosoh AIA-CL Series	7	27.657	0.7	0.09
ImmuneTech IRMA	8	29.384	8.0	1.04
Siemens Centaur CP	6	32.133	5.6	0.92
ELISA	4	19.750	27.7	3.42

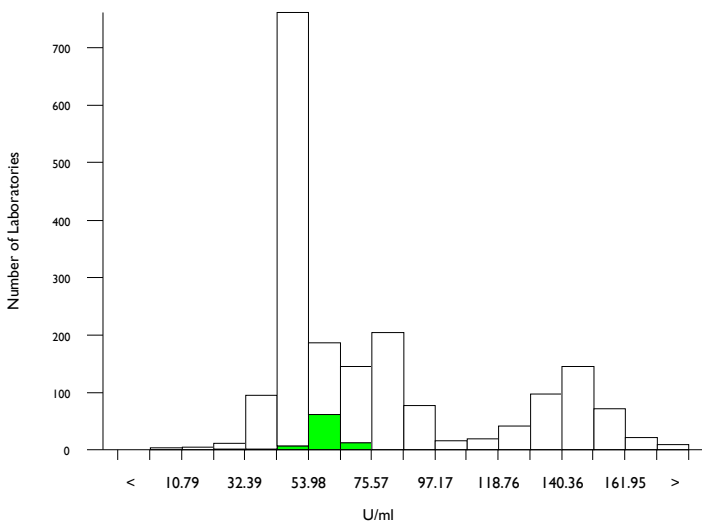


# CA I9-9, U/ml

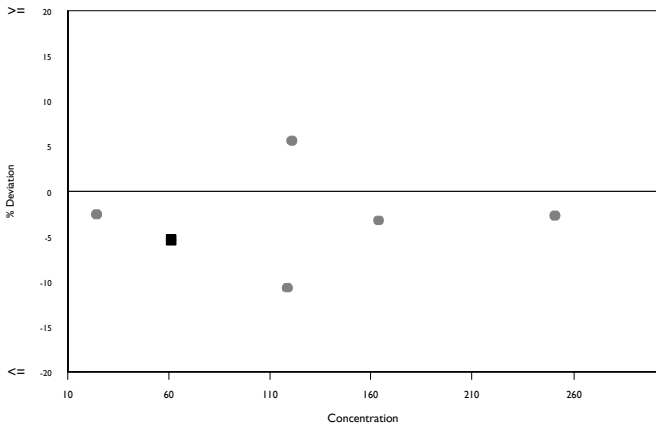
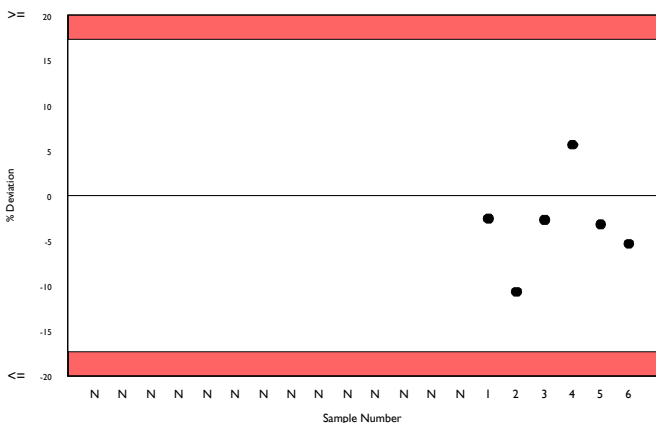
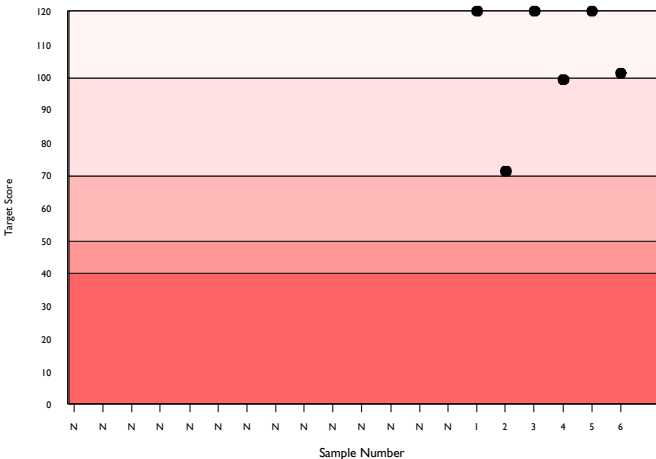
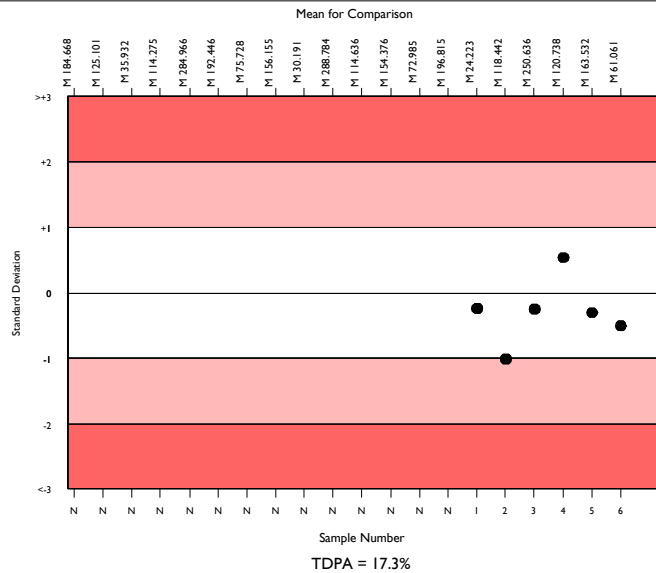
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1813	71.925	46.7	0.99	7.56	98
bioMerieux, VIDAS	73	61.061	6.3	0.56	6.42	11

▲ Your Result	57.790	SDI RMSDI	-0.51 Too Few
■ Mean for Comparison	61.061	TS RMTS	101 Too Few
		%DEV RM%DEV	-5.4 Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	308	48.842	4.7	0.16
Roche Cobas 4000/e41 I	212	49.703	7.8	0.33
Abbott Architect XR	200	141.396	8.2	1.03
Abbott Alinity XR	172	145.462	6.8	0.94
Roche Cobas e402/e801	168	48.838	3.8	0.18
Beckman Dxl 600/800	133	78.490	6.4	0.54
Siemens Atellica IM	82	79.448	7.3	0.80
bioMerieux, VIDAS	73	61.061	6.3	0.56
Beckman Access/LXi725	60	84.410	7.7	1.04
Siemens Centaur XP/XPT	56	62.092	8.9	0.93
Ortho Vitros 3600/5600/ECi/XT 7600	51	89.823	5.1	0.80
SNIBE Maglumi analysers	40	44.820	11.8	1.04
Mindray CL 8000i/6000i/2000i/1200i/1000i	30	41.649	6.6	0.63
Tosoh AIA Series	24	45.399	5.9	0.68
Siemens/DPC Immulite 2000/2500	23	65.424	13.0	2.21
Roche Elecsys	22	47.578	13.7	1.73
DiaSorin Liaison XL	16	67.706	4.8	1.03
Siemens Centaur CP	13	62.552	20.1	4.35
Tosoh AIA-CL Series	8	68.038	6.8	2.05
Izotop RIA	7	68.916	6.4	2.07
ELISA	5	43.652	14.1	3.45

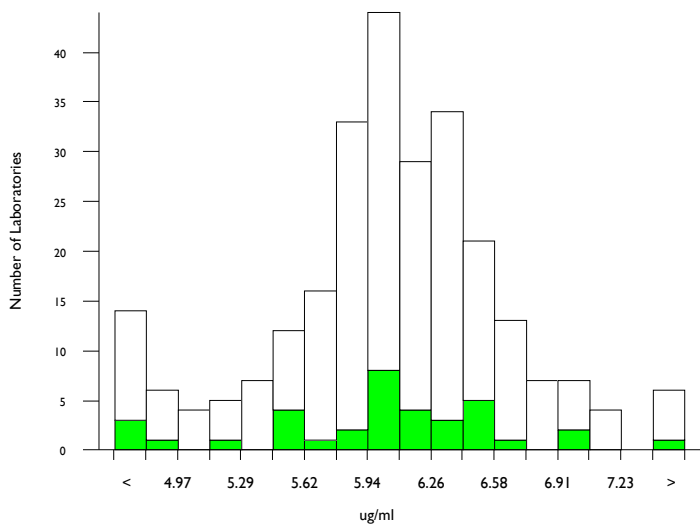


# Carbamazepine, ug/ml

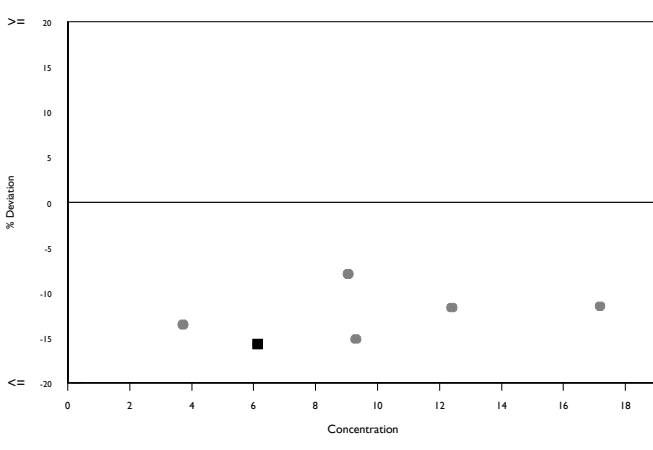
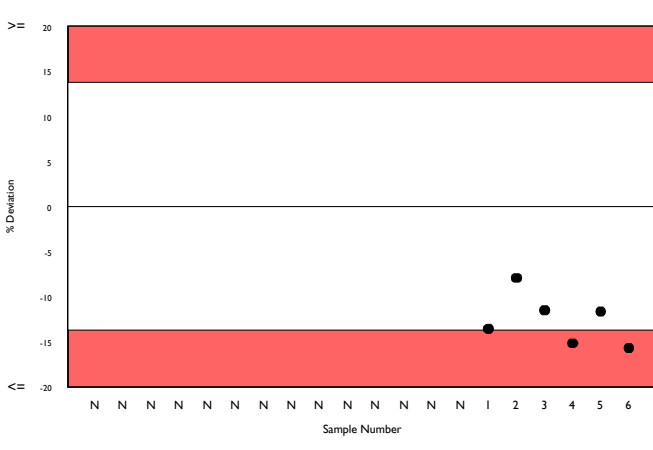
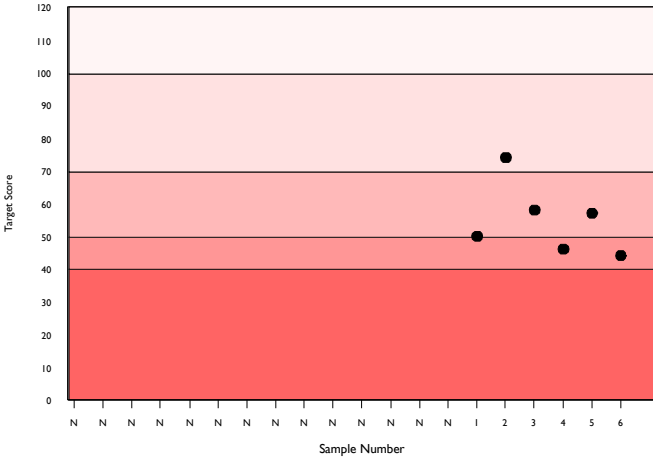
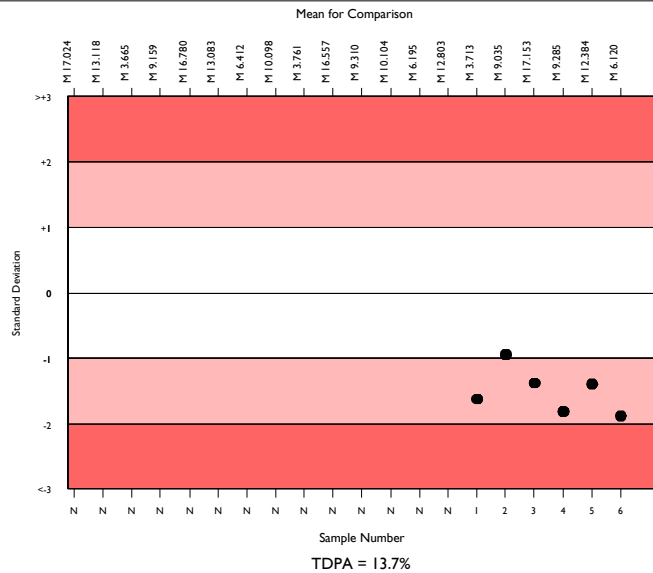
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	235	6.105	7.1	0.04	0.51	27
Abbott Architect (CMIA)	31	6.120	7.0	0.10	0.51	5

▲ Your Result	5.160	SDI	-1.88
		RMSDI	Too Few
■ Mean for Comparison	6.120	TS	44
		RMTS	Too Few
		%DEV	-15.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.70%
TS & %DEV outside limits	



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	64	6.203	4.0	0.04
Abbott Architect (CMIA)	31	6.120	7.0	0.10
Abbott Alinity (PETINA)	29	5.735	4.1	0.05
Beckman AU Instruments	20	6.318	3.9	0.07
Roche Integra	18	6.399	5.2	0.10
Siemens/DPC Immulite 2000/2500	11	5.105	10.8	0.21
Siemens Centaur XP/XPT	8	6.654	7.8	0.23
Siemens Atellica CH	7	5.935	1.6	0.04
Abbott Architect (PETINIA)	5	5.860	2.6	0.08
EMIT	7	6.428	9.8	0.30
Abbott Alinity (CMIA)	5	5.962	3.9	0.13
Roche Cobas 4000/c311	5	6.050	4.6	0.15
Vitros	4	4.722	3.3	0.10
Siemens ADVIA 1200/1650/1800/2400	4	6.161	8.5	0.33
Siemens Dimension	4	5.878	5.5	0.20
Beckman DxC	3	6.370	11.3	0.52
Siemens Syva/Emit	2	5.981	24.0	1.27
Siemens Centaur CP	2	6.605	5.2	0.31
Siemens/DPC Immulite 1000	2	5.579	1.8	0.09
GC/MS	2	7.730	0.4	0.02



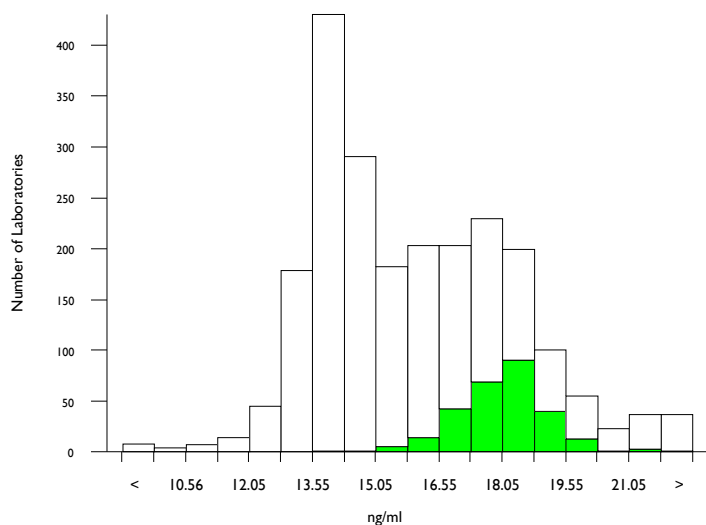


# CEA, ng/ml

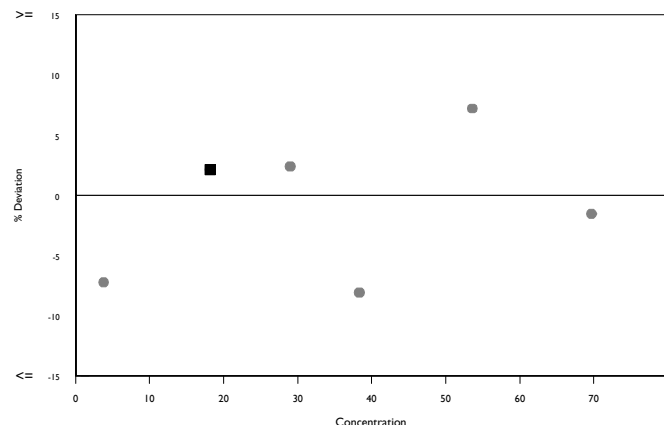
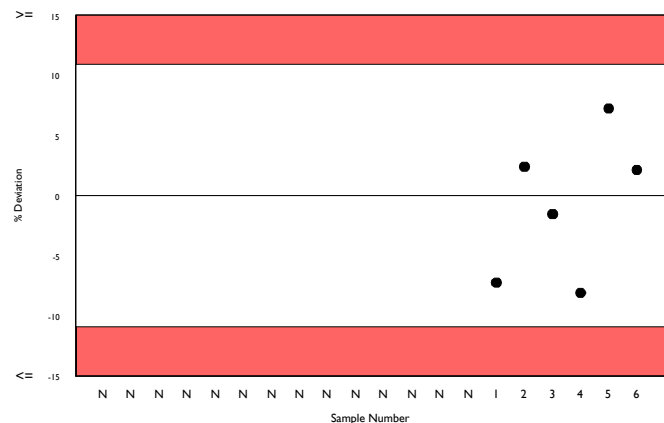
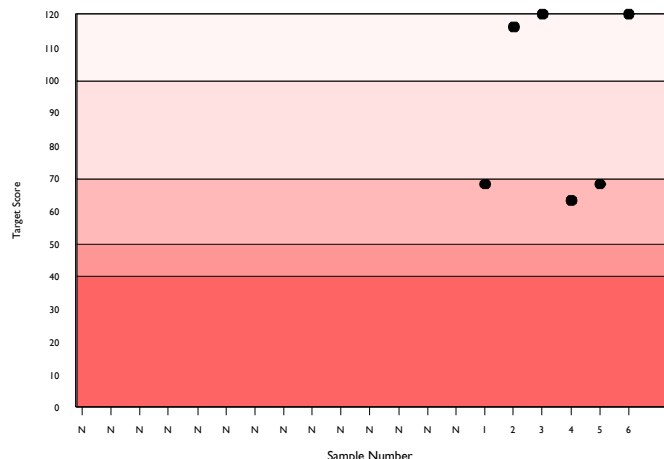
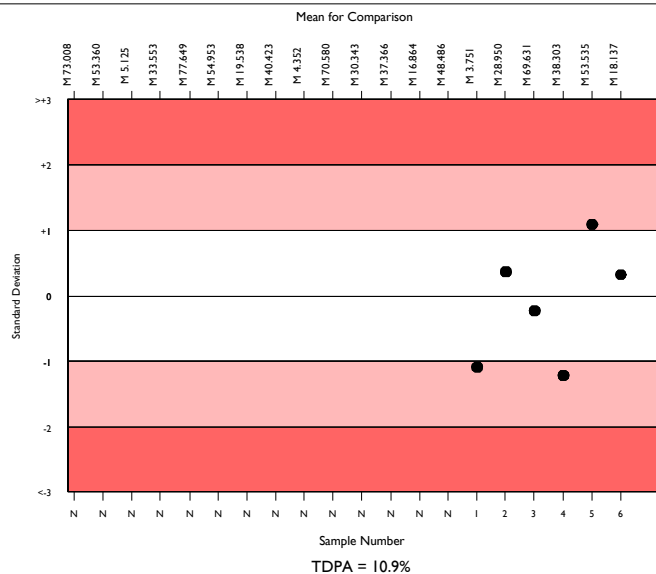
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2133	15.807	12.6	0.05	1.05	111
Abbott Architect	260	18.137	4.6	0.07	1.20	20

▲ Your Result	18.520	SDI RMSDI	0.32 Too Few
■ Mean for Comparison	18.137	TS RMTS	120 Too Few
		%DEV RM%DEV	2.1 Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	326	13.969	3.8	0.04
Abbott Architect	260	18.137	4.6	0.07
Roche Cobas 4000/e411	245	14.202	5.0	0.06
Abbott Alinity i	215	17.949	3.6	0.06
Roche Cobas e402/e801	200	13.865	3.9	0.05
Beckman Dxl 600/800	147	15.556	5.7	0.09
Siemens Atellica IM	95	17.141	5.6	0.12
Beckman Access/LXi725	85	16.310	5.8	0.13
bioMerieux, VIDAS	63	16.265	5.7	0.15
Siemens Centaur XP/XPT	60	16.893	5.9	0.16
Ortho Vitros 3600/5600/ECi/XT 7600	59	15.632	4.0	0.10
SNIBE Maglumi analysers	50	19.493	5.7	0.20
Mindray CL 8000i/6000i/2000i/1200i/1000i	46	15.561	8.1	0.23
Tosoh AIA Series	33	21.107	5.1	0.24
Siemens/DPC Immulite 2000/2500	29	21.345	3.9	0.20
Roche Elecsys	28	13.981	4.7	0.16
DiaSorin Liaison XL	24	15.550	8.1	0.32
Siemens Centaur CP	18	16.341	7.9	0.38
Immunotech IRMA	12	15.994	4.0	0.23
Boditech Med Inc i-CHROMA	9	21.218	9.7	0.85
Tosoh AIA-CL Series	9	19.644	5.7	0.47

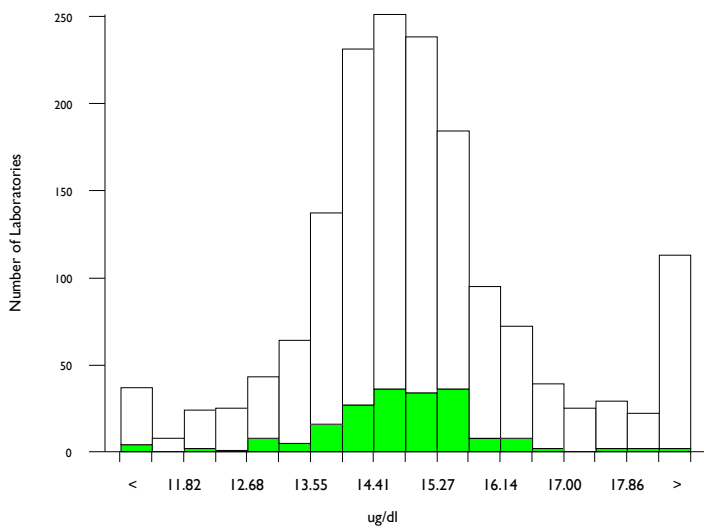


# Cortisol, ug/dl

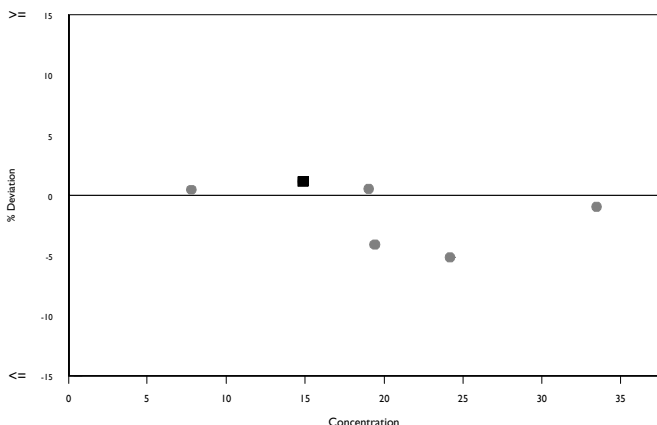
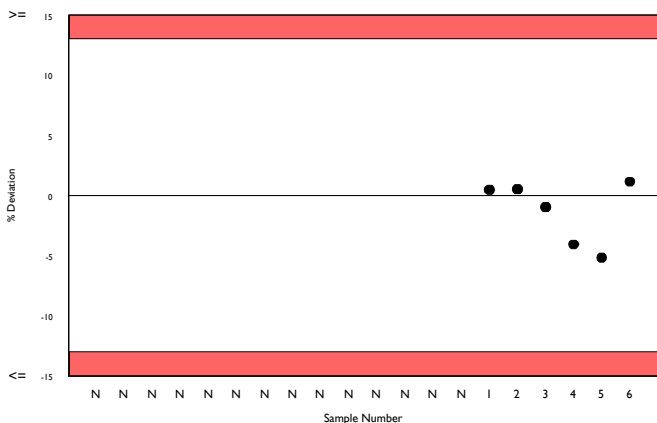
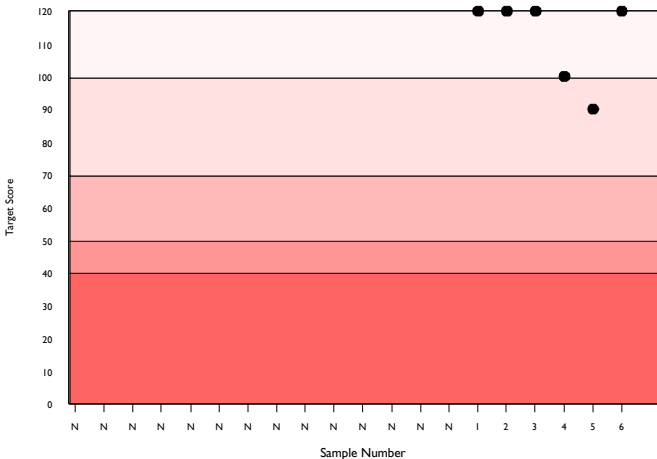
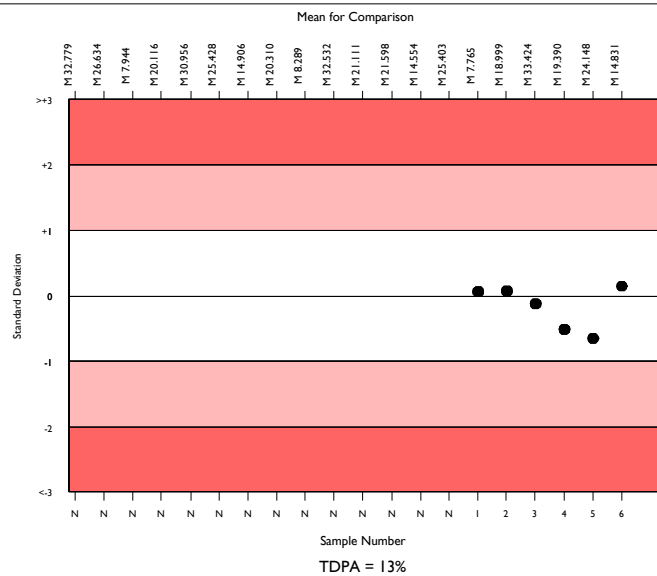
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1474	14.847	7.8	0.04	1.17	165
Abbott Architect	171	14.831	4.8	0.07	1.17	22

▲ Your Result	15.000	SDI	0.14
		RMSDI	Too Few
■ Mean for Comparison	14.831	TS	120
		RMTS	Too Few
		%DEV	1.1
		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 <sub>m</sub>
Abbott Architect	171	14.831	4.8	0.07
Abbott Alinity i	167	14.791	4.4	0.06
Beckman Dxl 600/800	145	14.790	6.4	0.10
Roche Cobas 4000/e41 I	118	15.278	6.2	0.11
Roche Cobas e601/ 602 Gen II	118	14.737	4.2	0.07
Roche Cobas e601/ 602	114	14.666	4.1	0.07
Roche Cobas e402/e801	93	14.276	3.9	0.07
Siemens Atellica IM	69	17.615	8.2	0.22
Beckman Access/LXi725	63	16.056	8.9	0.22
Roche Cobas e801 Gen II	52	14.230	2.2	0.05
Roche Cobas 4000/e41 I Gen II	50	14.843	3.6	0.09
Siemens Centaur XP/XPT	50	16.488	9.0	0.26
SNIBE Maglumi analysers	47	18.054	8.3	0.27
Ortho Vitros 3600/5600/ECi/XT 7600	38	12.834	4.1	0.11
Siemens/DPC Immulite 2000/2500	37	13.641	11.5	0.32
Mindray CL 8000i/6000i/2000i/1200i/1000i	29	13.873	6.0	0.19
Tosoh AIA Series	20	15.649	5.9	0.26
bioMerieux, VIDAS	19	12.207	8.4	0.29
Roche Elecsys	15	14.598	4.5	0.21
Immunotech RIA	11	21.266	5.0	0.40
Siemens/DPC Immulite 1000	8	14.057	4.4	0.27

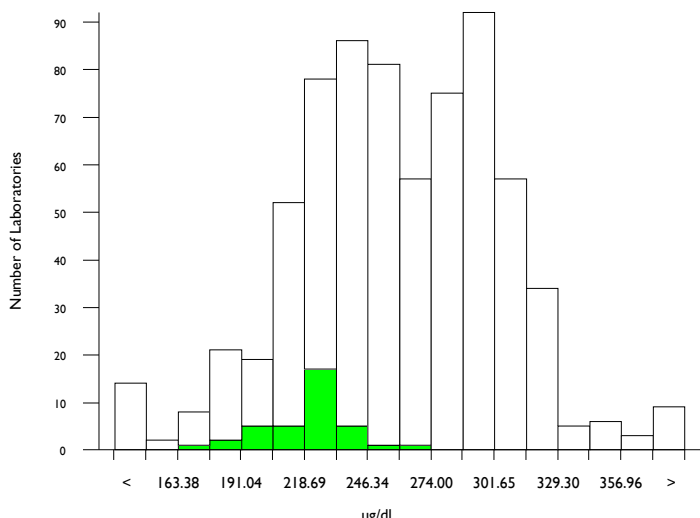


# DHEA-S, ug/dl

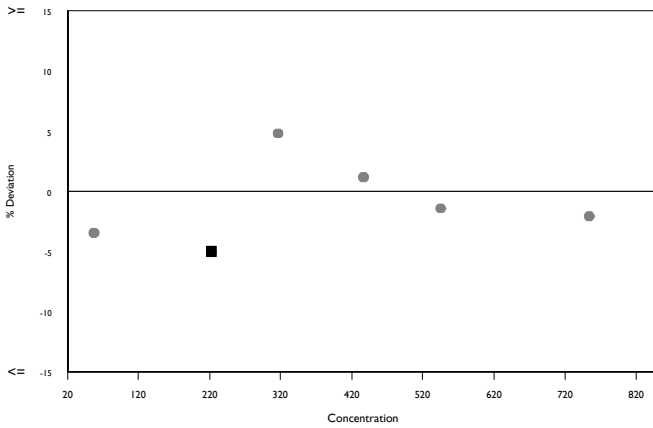
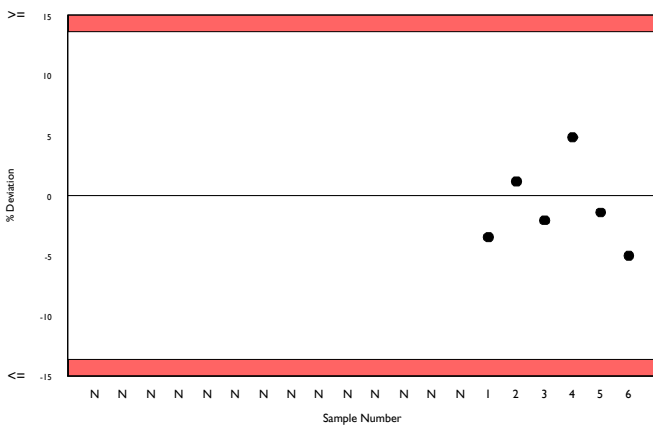
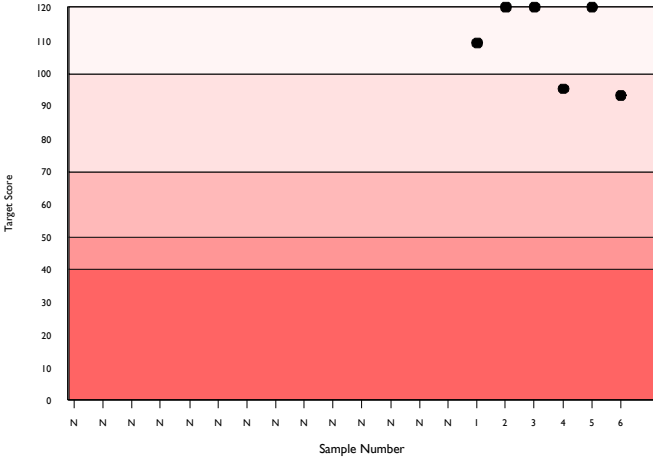
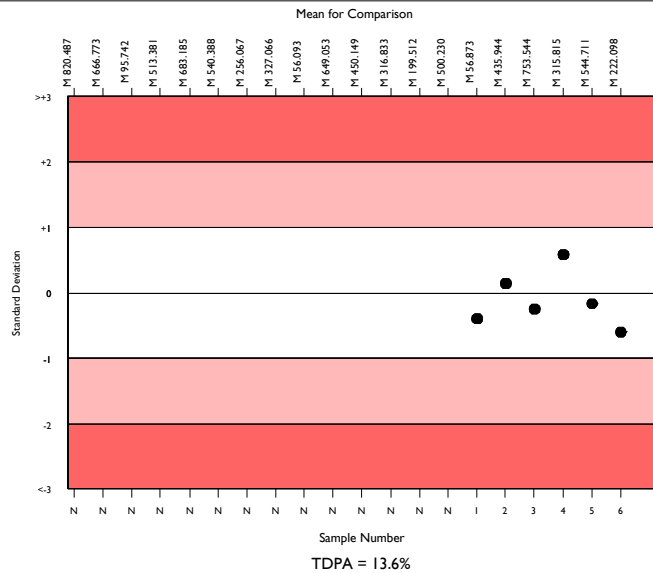
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	658	260.176	14.2	1.79	21.51	41
SNIBE Maglumi analysers	35	222.098	7.4	3.49	18.36	2

▲ Your Result	211.000	SDI	-0.60
		RMSDI	Too Few
■ Mean for Comparison	222.098	TS	93
		RMTS	Too Few
		%DEV	-5.0
		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 <sub>m</sub>
Roche Cobas e402/e801	91	286.134	4.7	1.77
Roche Cobas 4000/e41 I	80	300.894	5.7	2.40
Roche Cobas e601/ 602	83	298.709	6.1	2.49
Abbott Alinity i	70	248.621	4.5	1.68
Abbott Architect	64	247.469	5.4	2.08
Siemens/DPC Immulite 2000/2500	45	213.644	8.5	3.37
Beckman Dxl 600/800	37	219.915	6.3	2.83
SNIBE Maglumi analysers	35	222.098	7.4	3.49
Siemens Atellica IM	29	223.929	6.4	3.32
Siemens Centaur XP/XPT	13	233.097	4.8	3.86
Beckman Access/LXi725	12	236.974	13.2	11.27
Mindray CL 8000i/6000i/2000i/1200i/1000i	11	269.548	5.9	6.03
Roche Elecsys	8	302.755	11.3	15.07
Siemens/DPC Immulite 1000	8	216.275	26.6	25.42
DiaSorin Liaison XL	7	188.671	5.6	4.99
Tosoh AIA Series	8	254.877	6.1	6.92
DiaSorin, Liaison	5	189.540	7.1	7.56
Tosoh AIA-CL Series	5	294.060	4.1	6.80
LC/MS	4	202.411	9.1	11.57
Siemens Centaur CP	3	242.087	3.8	6.61
ELISA	3	246.800	25.6	45.55

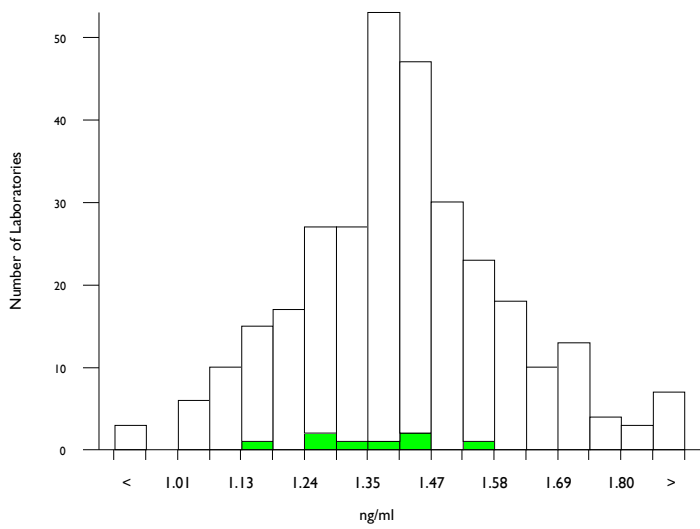


# Digoxin, ng/ml

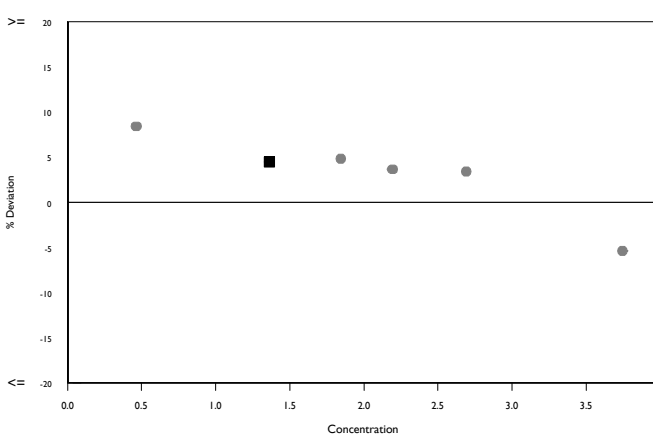
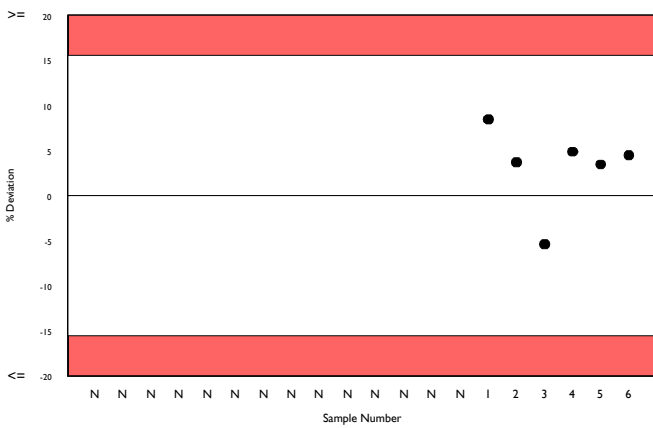
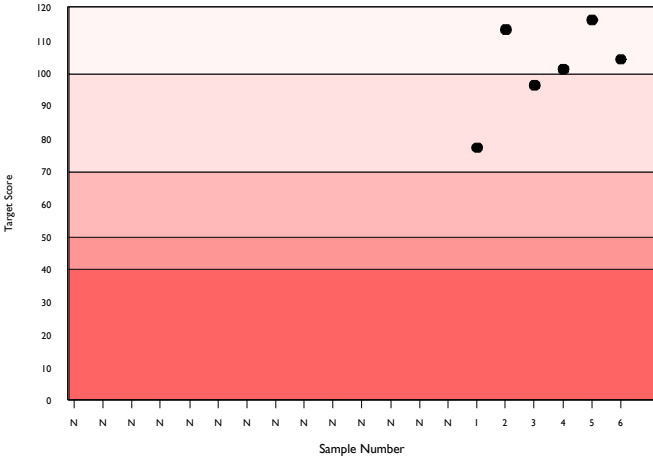
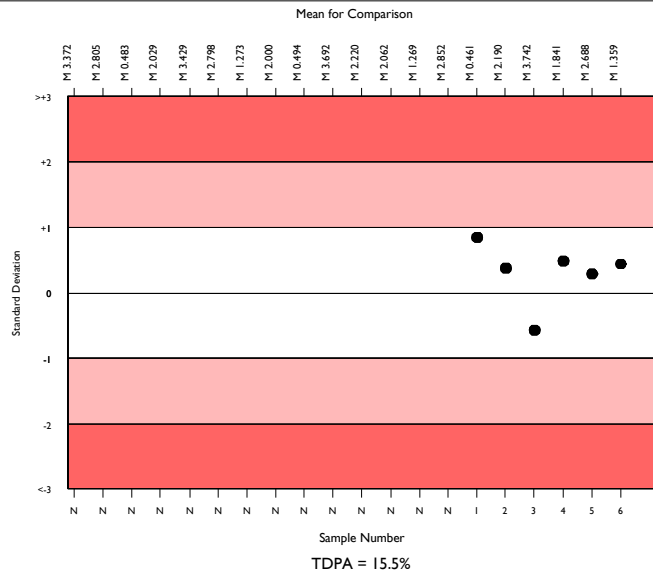
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	292	1.414	10.7	0.01	0.13	22
bioMerieux, VIDAS	8	1.359	9.0	0.05	0.14a	0

▲ Your Result	1.420	SDI	0.44
		RMSDI	Too Few
■ Mean for Comparison	1.359	TS	104
		RMTS	Too Few
		%DEV	4.5
		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 <sub>m</sub>
Abbott Architect (CMIA)	38	1.161	5.6	0.01
Abbott Alinity (PETINA)	32	1.361	4.8	0.01
Roche Cobas C303/501/502/503/701	29	1.475	4.9	0.02
Roche Cobas e601/602	21	1.470	4.8	0.02
Roche Cobas e402/e801	21	1.421	5.3	0.02
Beckman Dxl 600/800	16	1.459	8.3	0.04
Siemens Atellica IM	19	1.690	4.2	0.02
Siemens Dimension	12	1.430	3.6	0.02
Beckman AU Instruments	11	1.431	6.4	0.03
SNIBE Maglumi analysers	8	1.385	1.5	0.01
Abbott Architect (PETINIA)	10	1.306	5.7	0.03
Roche Cobas 4000/e41 I	10	1.505	5.8	0.03
Abbott Alinity (CMIA)	8	1.365	3.0	0.02
Siemens Centaur XP/XPT	7	1.637	4.3	0.03
bioMerieux, VIDAS	8	1.359	9.0	0.05
Roche Integra	5	1.453	6.6	0.05
Siemens Atellica CH	6	1.334	6.3	0.04
Siemens/DPC Immulite 2000/2500	5	1.559	14.8	0.13
Siemens ADVIA 1200/1650/1800/2400	3	1.353	9.6	0.09
Ortho Vitros 3600/5600/ECI/XT 7600	3	1.314	6.1	0.06
Beckman DxC	2	1.514	17.4	0.23

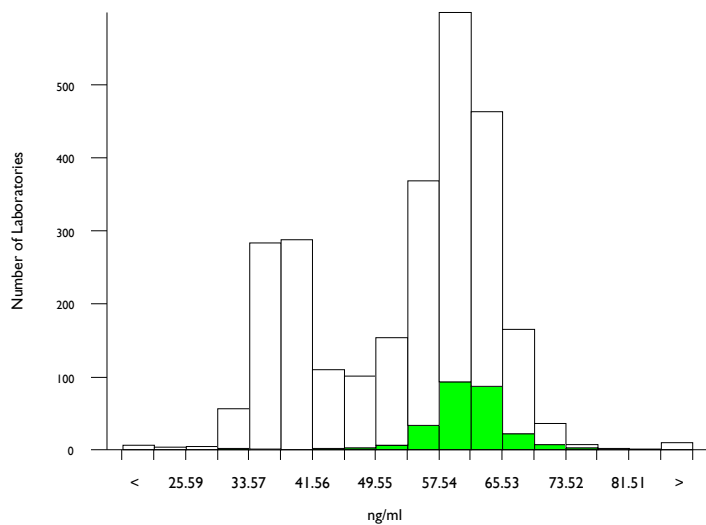


# Ferritin, ng/ml

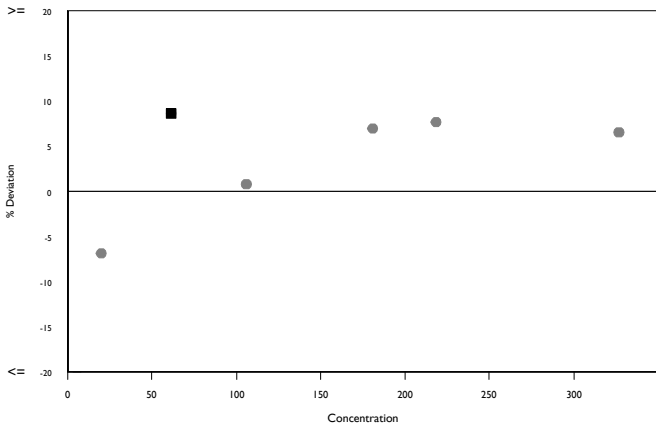
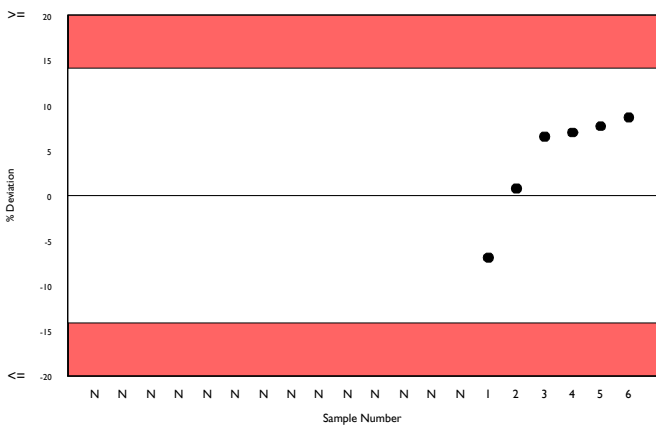
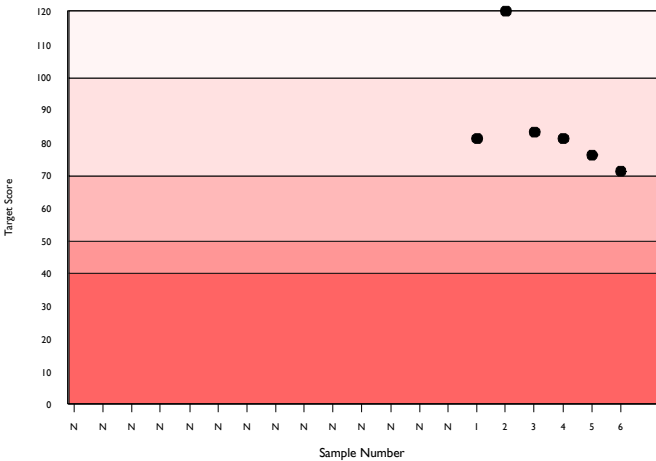
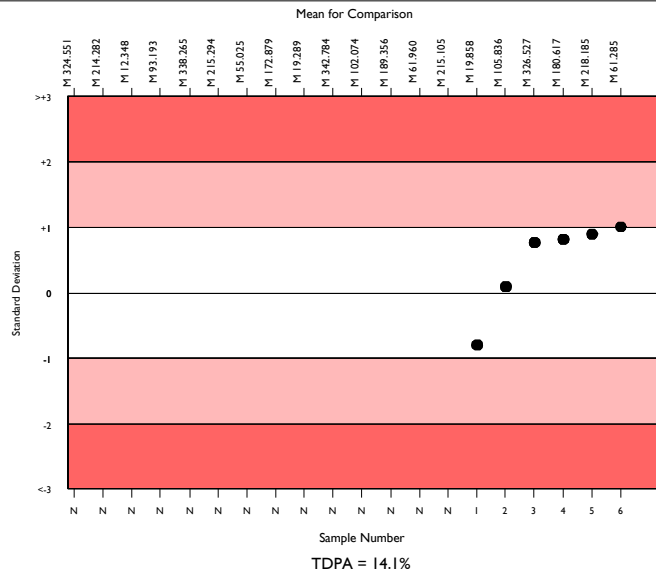
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2613	53.551	19.9	0.26	4.59	45
Abbott Architect Chemilum	237	61.285	5.4	0.27	5.25	23

▲ Your Result	66.560	SDI	1.00
		RMSDI	Too Few
■ Mean for Comparison	61.285	TS	71
		RMTS	Too Few
		%DEV	8.6
		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 <sub>m</sub>
Roche Modular E170 /Cobas e601/602	372	60.112	5.1	0.20
Roche Elecsys / Cobas e411	319	59.622	7.6	0.32
Abbott Architect Chemilum	237	61.285	5.4	0.27
Roche Cobas e402/e801	242	57.928	4.4	0.21
Abbott Alinity i	241	63.866	4.8	0.25
Beckman Dxl 600/800	162	36.488	6.5	0.23
Beckman Access/LXi725	117	37.811	7.2	0.31
Siemens Atellica IM	103	37.388	4.6	0.21
Ortho Vitros 3600/5600/ECi/XT/7600	94	36.591	5.6	0.27
Siemens Centaur XP/XPT	81	39.722	5.5	0.30
SNIBE Maglumi analysers	65	64.098	5.7	0.57
Mindray CL 8000i/6000i/2000i/1200i/1000i	54	50.084	6.6	0.56
bioMerieux, VIDAS	52	45.019	12.2	0.95
Roche Cobas C303/501/502/503/701/702	47	57.890	3.8	0.40
Tosoh AIA Series	37	40.399	9.0	0.75
Siemens/DPC Immulite 2000/2500	28	47.411	6.8	0.76
Beckman AU Instruments	26	50.425	6.4	0.79
DiaSorin Liaison XL	20	55.121	5.7	0.88
Siemens Centaur CP	17	38.084	7.9	0.91
Roche Cobas 4000/c311	19	60.329	9.5	1.64
Abbott Architect Quantia	13	60.692	7.7	1.62

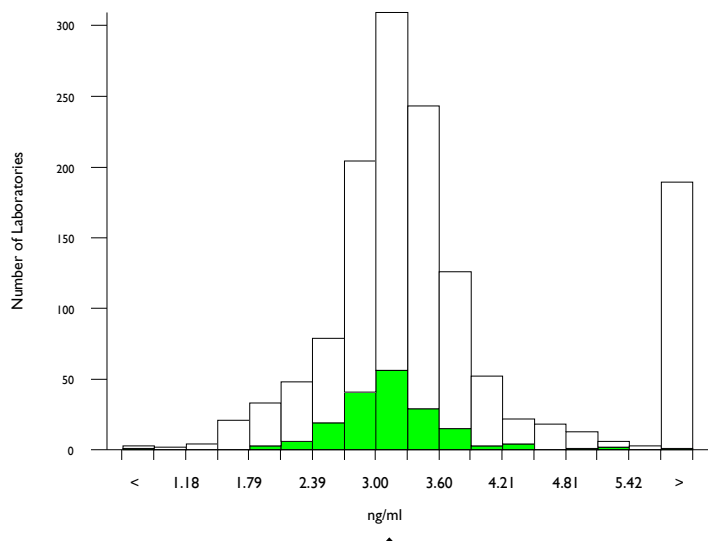


# Folate, ng/ml

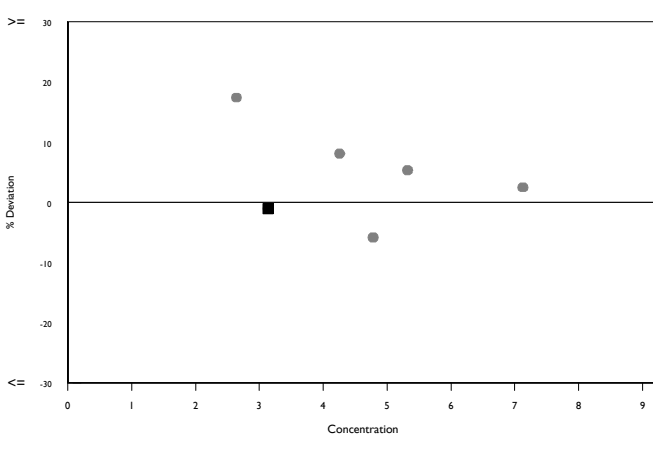
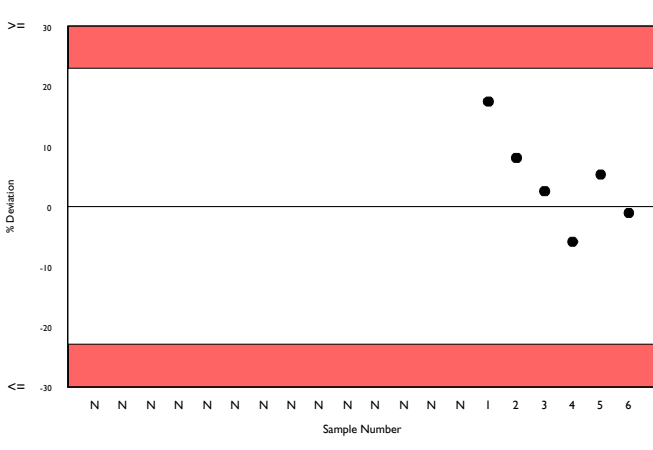
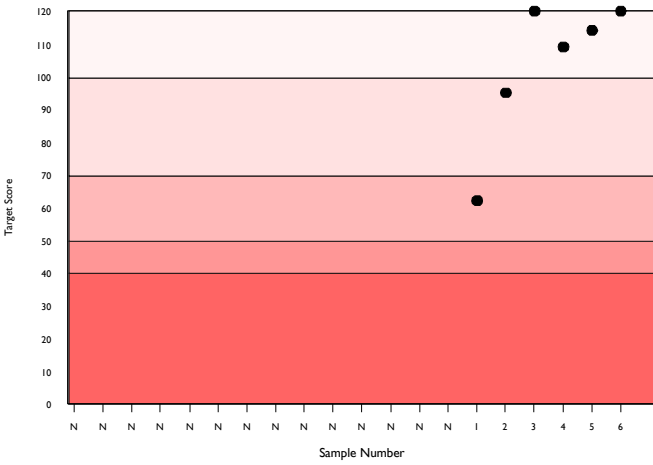
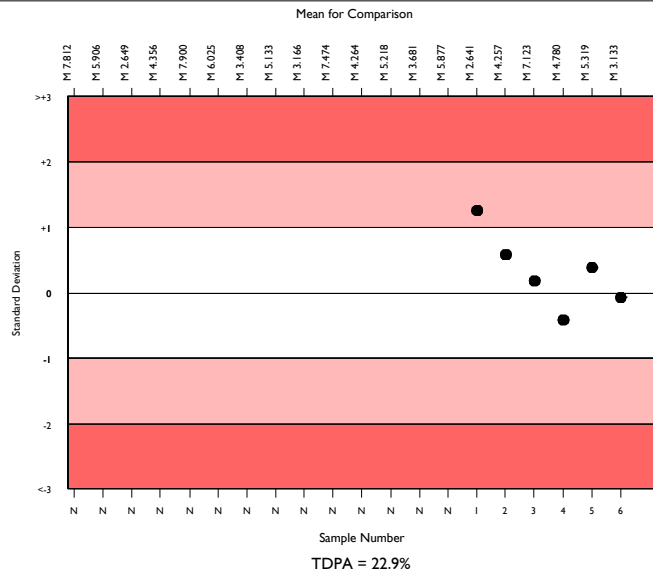
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1221	3.306	24.4	0.03	0.46	157
Abbott Architect	164	3.133	12.2	0.04	0.44	17

▲ Your Result	3.100	SDI	-0.08
		RMSDI	Too Few
■ Mean for Comparison	3.133	TS	120
		RMTS	Too Few
		%DEV	-1.1
		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 <sub>m</sub>
Roche Folate III - 07559992	295	3.316	12.6	0.03
Abbott Architect	164	3.133	12.2	0.04
Abbott Alinity i	147	3.306	10.9	0.04
Roche Folate 07027290 e801	143	3.143	10.8	0.04
Beckman Dxl 600/800 - A98032	69	3.305	7.7	0.04
Siemens Atellica IM	67	7.156	9.0	0.10
Siemens Centaur XP/XPT(enhanced)	55	6.743	9.4	0.11
Beckman Access/LXi725	46	3.400	7.6	0.05
Beckman Dxl 600/800 - A14208	44	3.334	7.8	0.05
Roche Elecsys Folate	36	3.476	11.3	0.08
Ortho Vitros 3600/5600/ECi/XT/7600	32	2.185	9.7	0.05
SNIBE Maglumi Analyser	27	1.947	11.2	0.05
Siemens/DPC Immulite 2000	27	2.487	11.8	0.07
Mindray CL 8000i/6000i/2000i/1200i/1000i	24	7.773	11.2	0.22
Roche Folate III - 04476433	20	3.262	9.3	0.08
Tosoh AIA Series	16	5.572	20.4	0.35
Siemens Dimension	9	1.618	14.9	0.10
Tosoh AIA-CL Series	6	10.850	6.6	0.37
DiaSorin Liaison XL	4	1.799	14.5	0.16
Mindray CL 900i	3	7.537	4.1	0.22
Shenzhen YHLO iFlash Series	3	17.333	9.0	1.13



# FSH, mU/ml

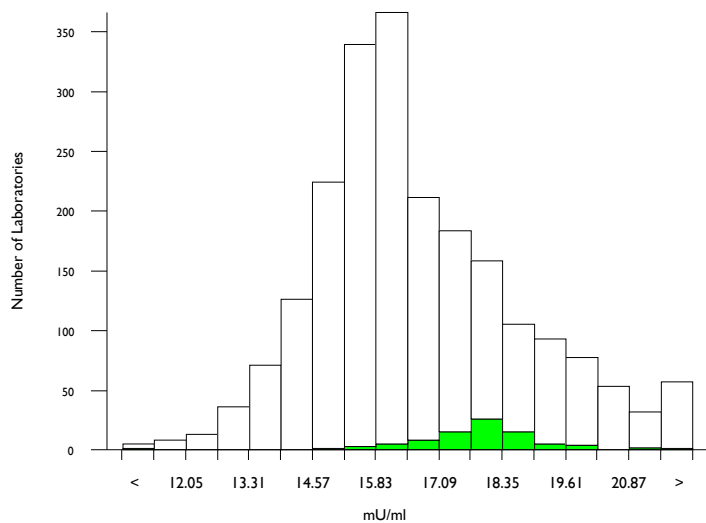
□ All Methods

■ bioMerieux, VIDAS

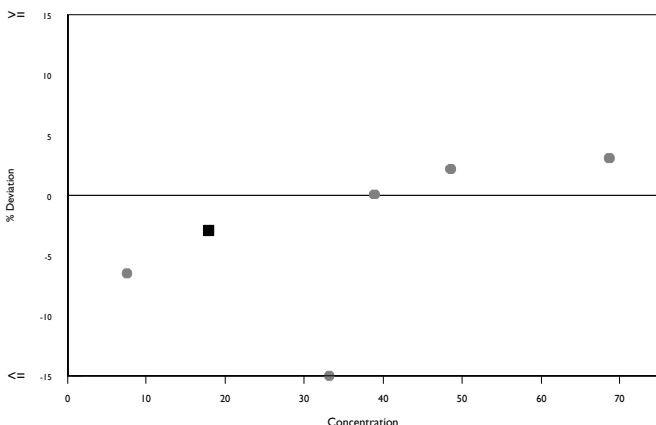
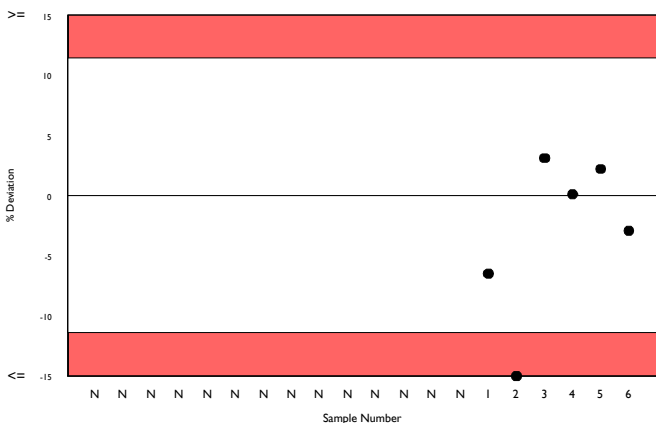
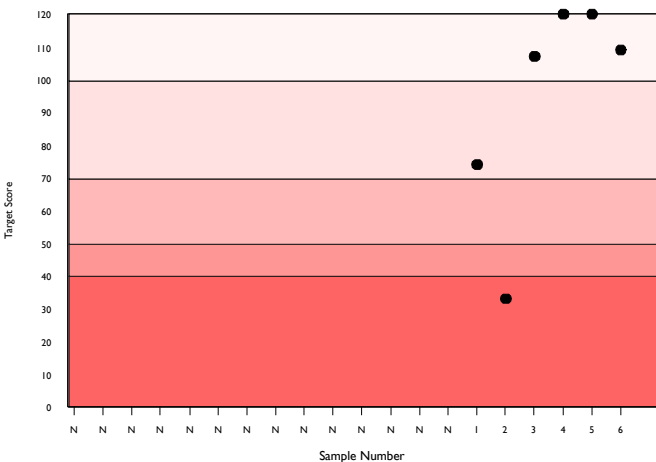
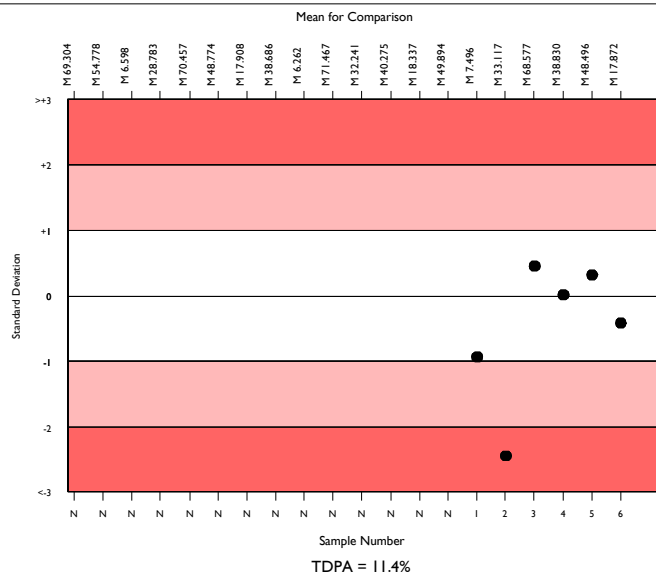
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2023	16.465	10.2	0.05	1.14	135
bioMerieux, VIDAS	77	17.872	4.9	0.12	1.24	9

▲ Your Result	17.350	SDI	-0.42
		RMSDI	Too Few
■ Mean for Comparison	17.872	TS	109
		RMTS	Too Few
		%DEV	-2.9
		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 <sub>m</sub>
Roche Cobas e601/ 602	317	15.559	4.6	0.05
Roche Cobas 4000/e41 I	264	16.580	5.6	0.07
Abbott Architect	210	15.320	5.1	0.07
Roche Cobas e402/e80 I	185	15.939	3.8	0.06
Abbott Alinity i	185	15.291	4.3	0.06
Beckman Dxl 600/800	138	18.035	6.6	0.13
Beckman Access/LXi725	94	18.054	7.0	0.16
bioMerieux, VIDAS	77	17.872	4.9	0.12
Siemens Atellica IM	78	19.465	5.9	0.16
Siemens Centaur XP/XPT	71	19.659	5.6	0.16
SNIBE Maglumi analysers	73	17.061	6.8	0.17
Ortho Vitros 3600/5600/ECi/XT/7600	54	13.299	3.5	0.08
Mindray CL 8000i/6000i/2000i/1200i/1000i	49	20.018	5.5	0.20
Siemens/DPC Immulite 2000/2500	39	17.728	6.5	0.23
Tosoh AIA Series	32	19.449	10.9	0.47
Roche Elecsys	28	16.216	7.9	0.30
DiaSorin Liaison XL	15	23.832	5.5	0.43
Siemens Centaur CP	10	18.120	7.4	0.53
Siemens/DPC Immulite 1000	10	17.110	5.6	0.38
Shenzhen YHLO iFlash Series	8	15.575	4.8	0.33
Tosoh AIA-CL Series	9	20.600	2.7	0.23

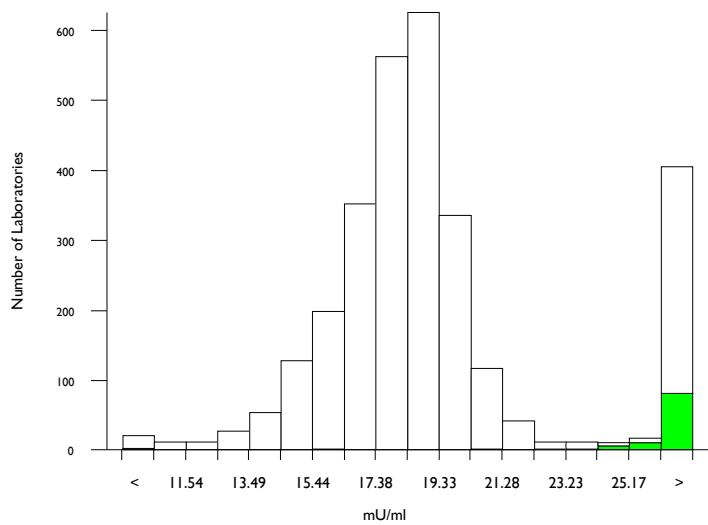


# hCG, mU/ml

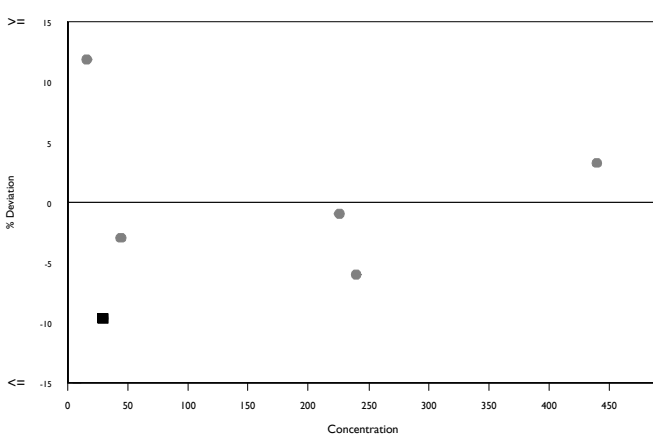
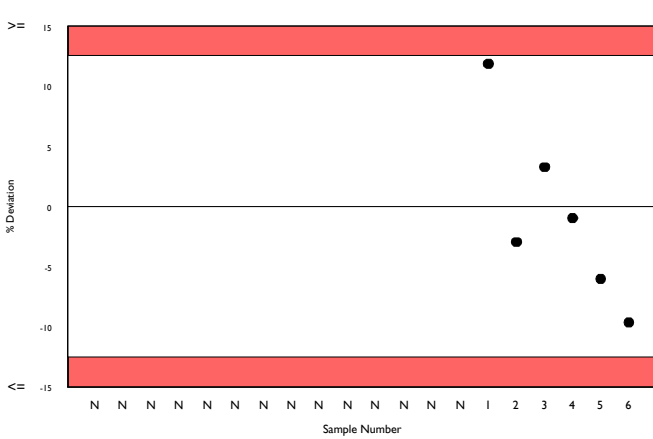
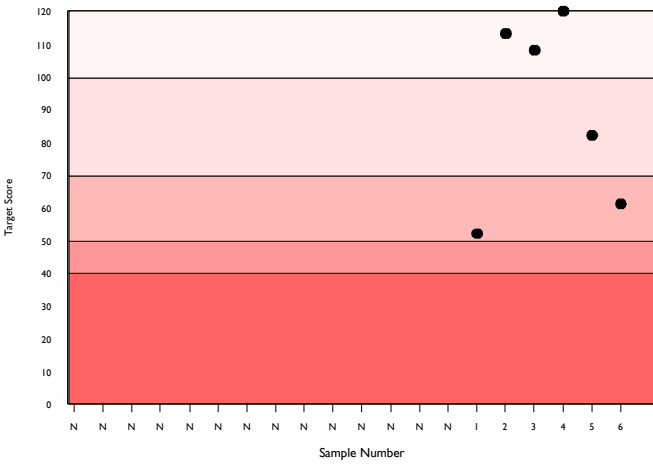
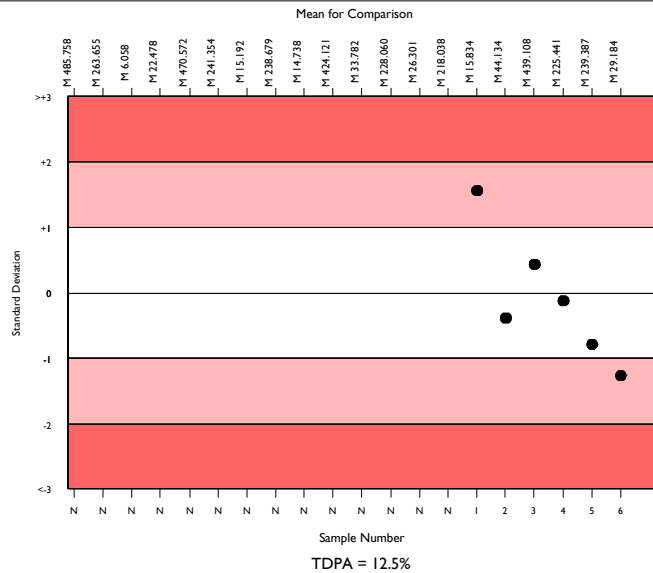
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2583	18.363	14.1	0.06	1.40	349
bioMerieux, VIDAS	94	29.184	9.9	0.37	2.22	9

▲ Your Result	26.370	SDI	-1.27
		RMSDI	Too Few
■ Mean for Comparison	29.184	TS	61
		RMTS	Too Few
		%DEV	-9.6
		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 <sub>m</sub>
Roche hCG+Beta	911	18.824	6.0	0.05
Abbott Architect	301	16.264	7.7	0.09
Abbott Alinity i	254	17.254	6.2	0.08
Roche hCG + Beta e801	184	18.528	4.0	0.07
Beckman Dxl 600/800	114	18.494	5.4	0.12
Ortho Vitros 3600/5600/ECI/XT 7600	99	31.558	6.2	0.25
bioMerieux, VIDAS	94	29.184	9.9	0.37
Siemens Atellica IM	93	18.700	7.3	0.18
Siemens Centaur XP/XPT	93	18.362	5.7	0.14
Beckman Access Total BhCG (5th IS)	86	18.139	5.6	0.14
Beckman DXI Total BhCG (5th IS)	62	18.599	5.6	0.16
SNIBE Maglumi analysers	60	32.218	7.5	0.39
Mindray hCG 8000/6000/2000/1200/1000i	52	15.461	9.8	0.26
Beckman Access/LXi725	51	18.433	5.5	0.18
Siemens/DPC Immulite 2000	40	40.650	11.1	0.89
Tosoh AIA Series	31	31.310	5.2	0.37
Roche hCG STAT(Intact)	29	14.136	6.6	0.22
Siemens Dimension	23	32.585	4.1	0.35
Siemens Centaur CP	20	17.845	5.2	0.26
DiaSorin Liaison XL	18	16.475	9.1	0.44
Roche Cobas Core EIA	15	17.651	7.1	0.41



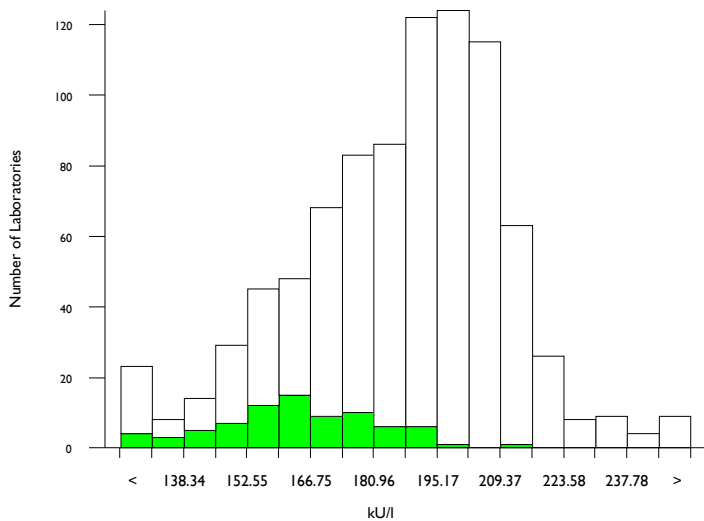


# IgE, kU/l

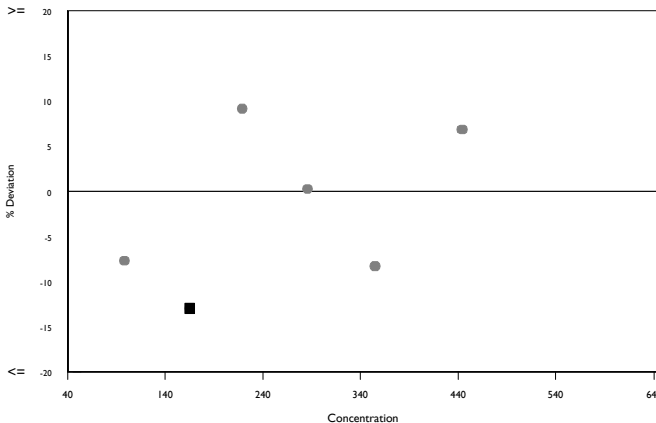
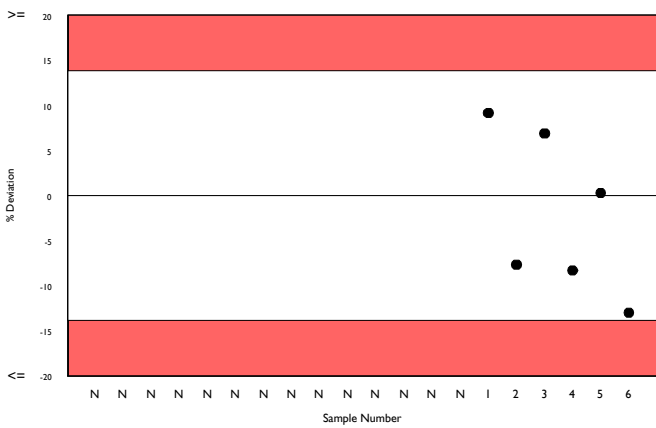
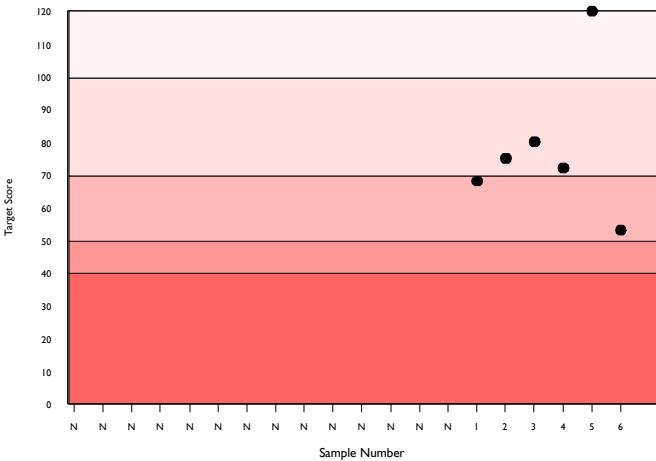
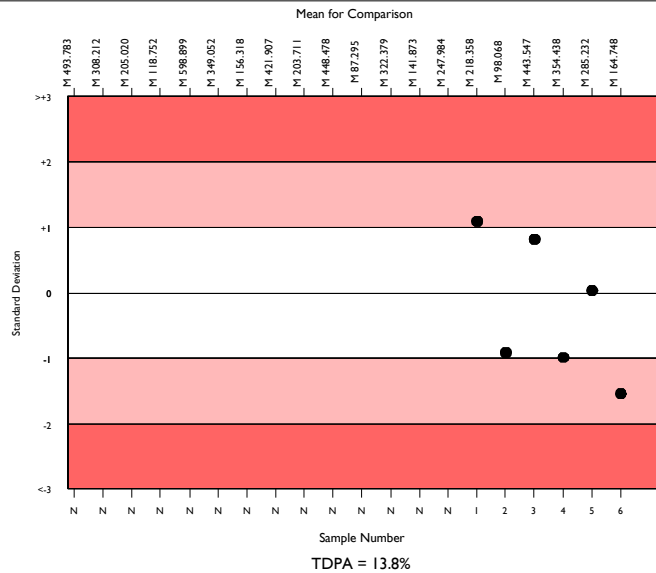
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	826	188.067	10.1	0.82	15.78	58
bioMerieux, VIDAS	73	164.748	9.3	2.24	13.82	6

▲ Your Result	143.370	SDI RMSDI	-1.55 Too Few
■ Mean for Comparison	164.748	TS RMTS	53 Too Few
		%DEV RM%DEV	-13.0 Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 4000/e411	149	202.082	5.8	1.21
Roche Cobas e601/602	143	195.966	4.4	0.91
Roche Cobas e402/e801	85	201.974	3.4	0.93
bioMerieux, VIDAS	73	164.748	9.3	2.24
Siemens/DPC Immulite 2000/2500	55	190.689	9.4	3.02
SNIBE Maglumi analysers	52	152.133	7.0	1.84
Siemens Atellica IM	40	184.984	4.3	1.57
Siemens Centaur XP/XPT	36	181.752	6.8	2.59
Abbott Architect	28	171.796	5.1	2.09
Abbott Alinity	24	170.491	3.3	1.44
Tosoh AIA Series	25	173.504	8.6	3.75
Phadia Immucap instruments	23	185.337	9.1	4.40
Roche Elecsys	12	204.367	4.5	3.34
Siemens/DPC Immulite 1000	9	195.111	4.3	3.47
Tosoh AIA-CL Series	7	174.157	2.7	2.25
Agappe Mispia i2	5	225.010	19.8	24.84
Siemens Centaur CP	5	191.580	12.7	13.58
ELISA	3	174.773	11.8	14.83
Beckman AU analysers	3	209.567	0.6	0.90
Biomed	3	196.450	12.1	17.18
Biotech Med INC i-CHROMA	3	157.280	14.3	16.19

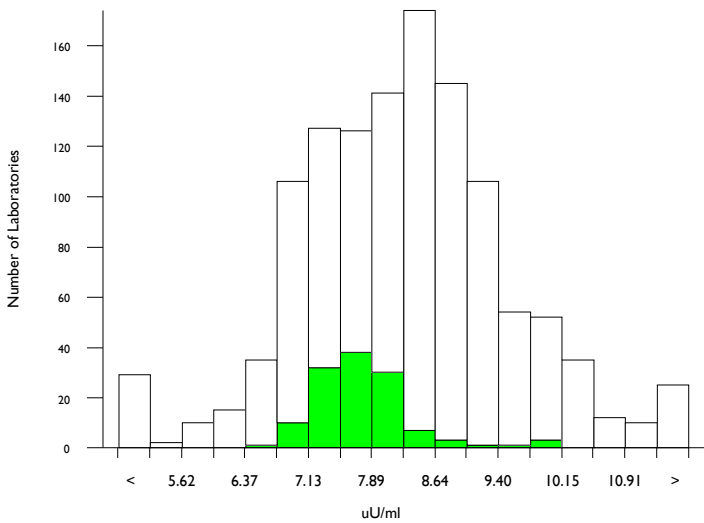


# Insulin, uU/ml

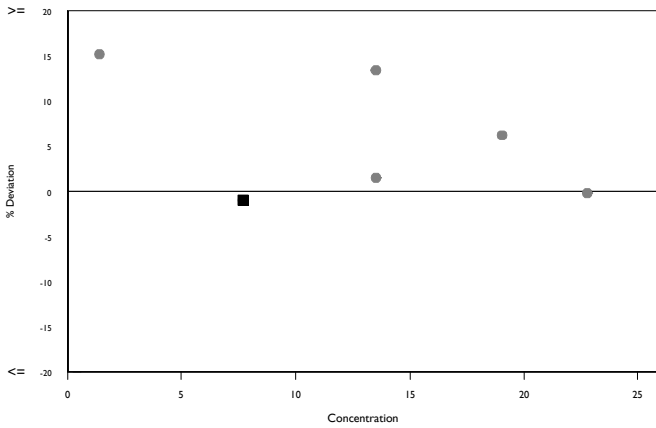
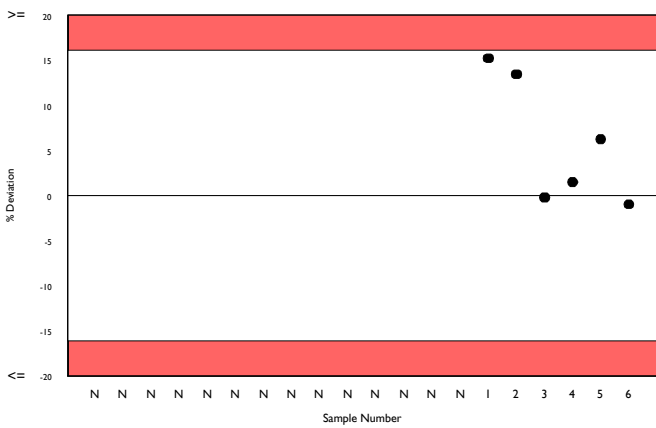
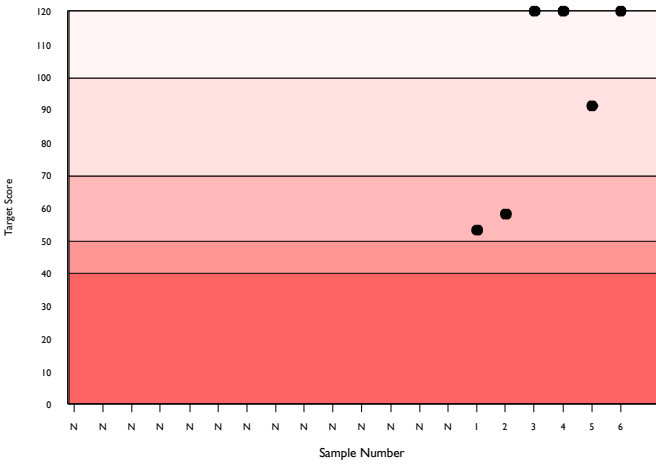
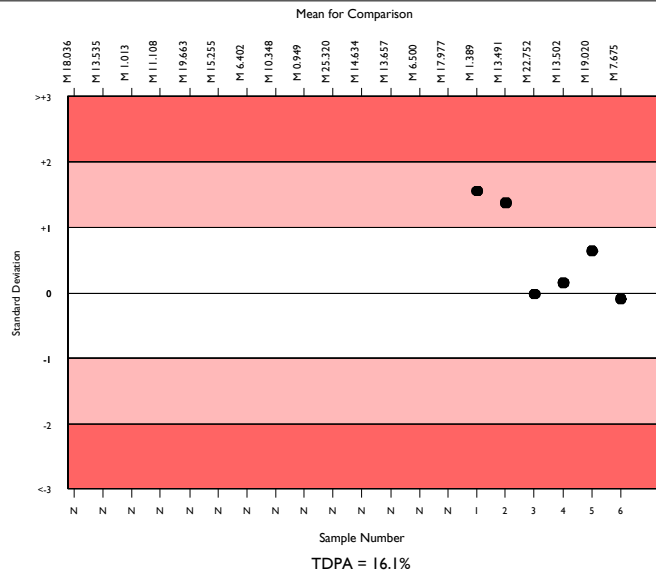
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1134	8.268	12.2	0.04	0.81	71
Abbott Architect	115	7.675	4.8	0.04	0.75	11

▲ Your Result	7.600	SDI	-0.10
		RMSDI	Too Few
■ Mean for Comparison	7.675	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	16.10%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	260	8.403	5.4	0.04
Roche Cobas 4000/e41 I	155	8.778	6.5	0.06
Abbott Alinity i	112	7.169	3.9	0.03
Abbott Architect	115	7.675	4.8	0.04
Beckman Dxl 600/800	94	7.252	8.0	0.08
Siemens Centaur XP/XPT	48	9.325	5.9	0.10
Siemens Atellica IM	46	8.727	4.3	0.07
SNIBE Maglumi analysers	38	10.232	4.6	0.09
Beckman Access/LXi725	34	7.431	6.5	0.10
Roche Elecsys	31	8.290	4.9	0.09
Mindray CL 8000i/6000i/2000i/1200i/1000i	30	9.782	5.9	0.13
Tosoh AIA Series	25	8.642	14.5	0.31
Ortho Vitros 3600/5600/ECi/XT 7600	19	7.492	6.6	0.14
Siemens/DPC Immulite 2000	15	3.515	26.1	0.30
DiaSorin Liaison XL	13	9.457	4.3	0.14
Siemens/DPC Immulite 1000	6	2.572	20.2	0.27
DiaSorin, Liaison	7	10.347	9.5	0.47
Shenzhen YHLO iFlash Series	6	9.363	3.8	0.18
Tosoh AIA-CL Series	4	10.250	0.6	0.04
Siemens Centaur CP	4	9.718	7.9	0.48
ELISA	3	6.527	47.2	2.22

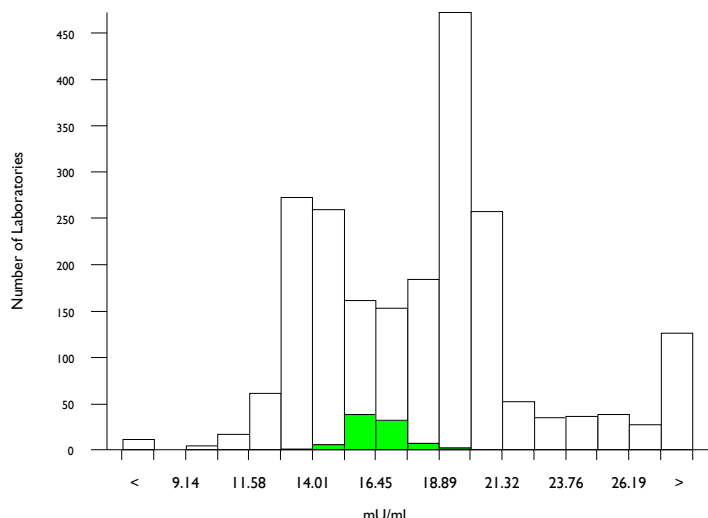


# LH, mU/ml

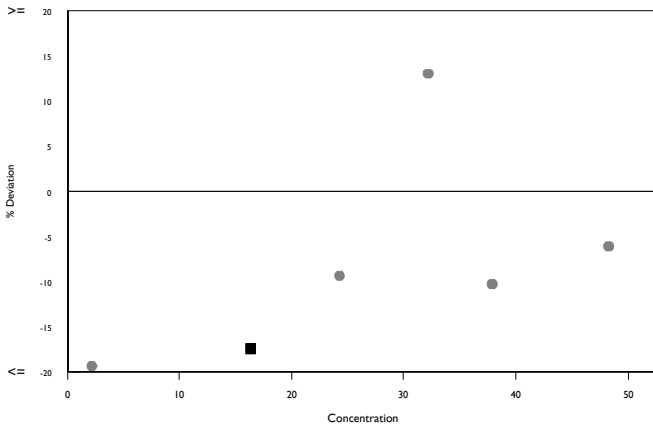
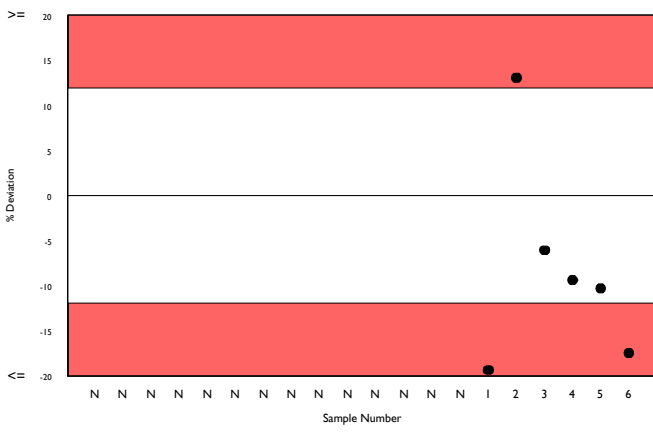
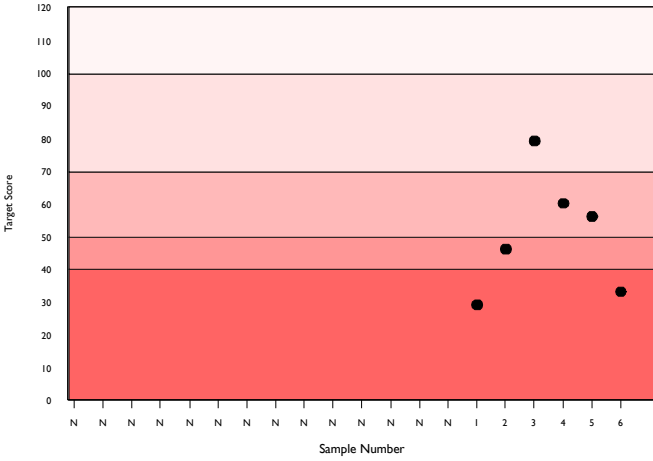
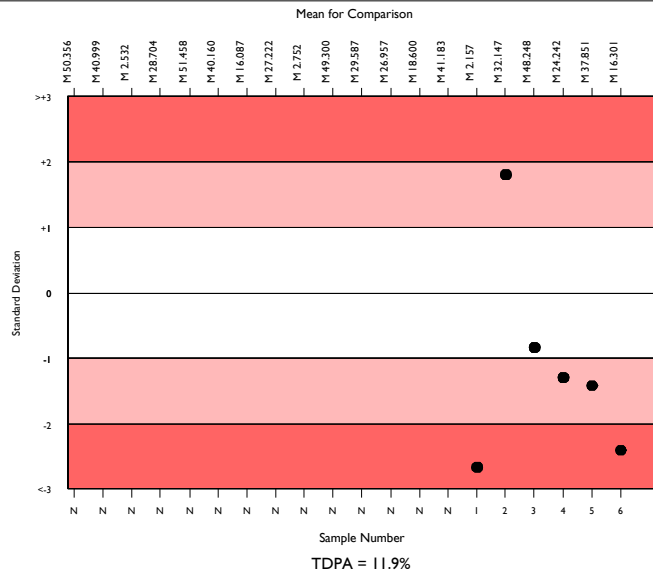
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2011	17.672	18.4	0.09	1.28	154
bioMerieux, VIDAS	80	16.301	5.0	0.11	1.18	6

▲ Your Result	13.460	SDI	-2.41
		RMSDI	Too Few
■ Mean for Comparison	16.301	TS	33
		RMTS	Too Few
		%DEV	-17.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.90%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	318	19.671	3.9	0.05
Roche Cobas 4000/e41 I	269	19.585	4.9	0.07
Abbott Architect	187	13.876	5.7	0.07
Roche Cobas e402/e80 I	187	20.015	3.5	0.06
Abbott Alinity i	174	13.701	4.1	0.05
Beckman Dxl 600/800	127	14.092	5.3	0.08
Beckman Access/LXi725	87	14.516	8.1	0.16
Siemens Atellica IM	81	17.180	4.9	0.12
bioMerieux, VIDAS	80	16.301	5.0	0.11
SNIBE Maglumi analysers	69	32.630	4.7	0.23
Siemens Centaur XP/XPT	69	16.457	4.7	0.12
Ortho Vitros 3600/5600/ECi/XT 7600	60	25.167	4.4	0.18
Mindray CL 8000i/6000i/2000i/1200i/1000i	50	20.294	6.4	0.23
Siemens/DPC Immulite 2000	38	27.366	9.3	0.52
Tosoh AIA Series	31	15.675	6.5	0.23
Roche Elecsys	33	19.679	5.8	0.25
DiaSorin Liaison XL	14	22.011	4.9	0.36
Siemens Centaur CP	10	15.996	3.2	0.20
Siemens/DPC Immulite 1000	11	26.436	9.0	0.90
Shenzhen YHLO iFlash Series	11	23.988	9.7	0.88
Tosoh AIA-CL Series	9	16.411	4.1	0.28

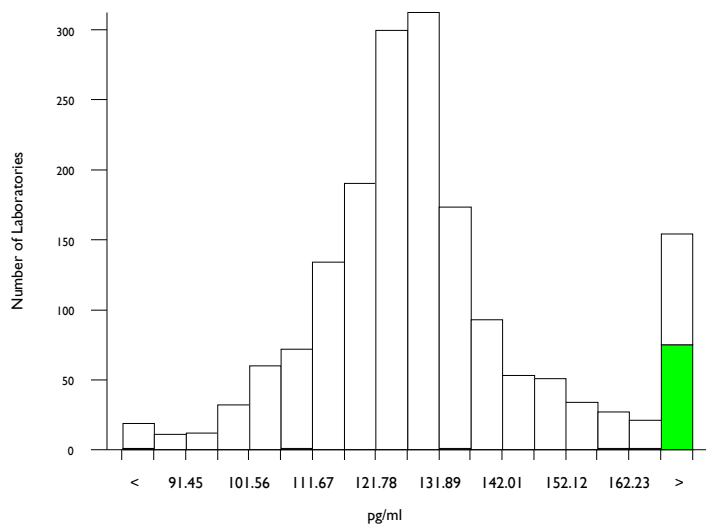


# Oestradiol, pg/ml

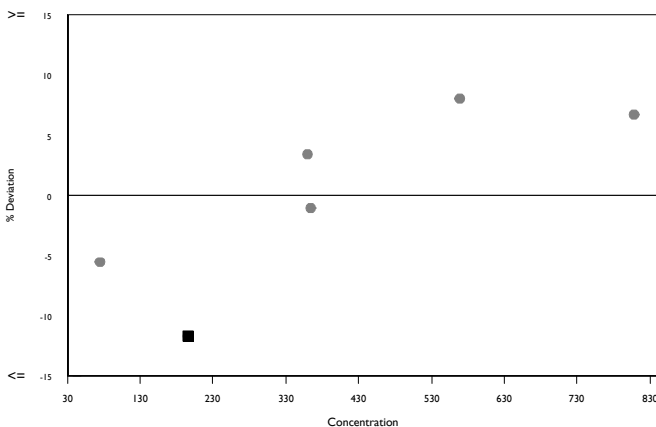
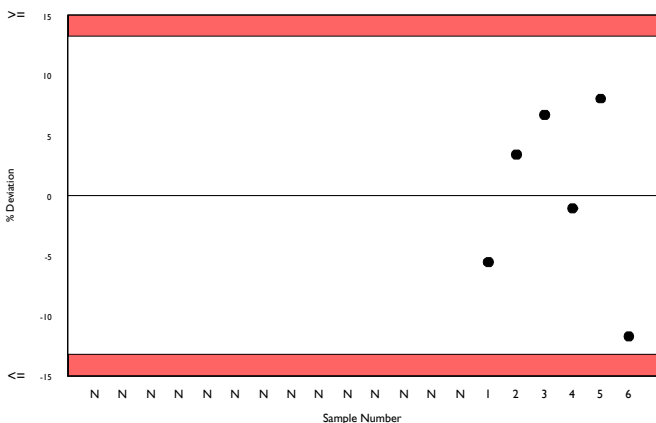
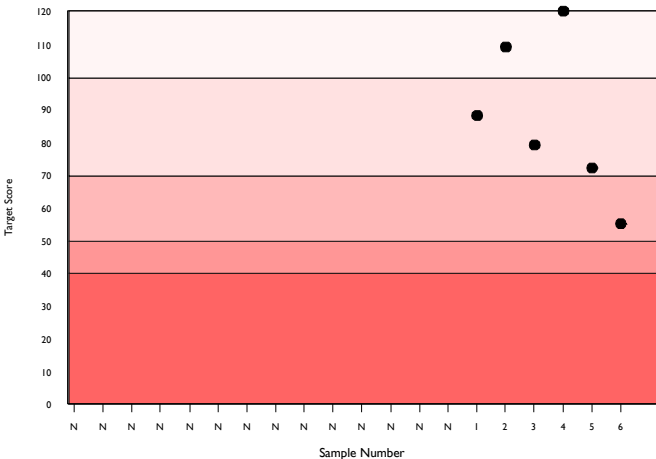
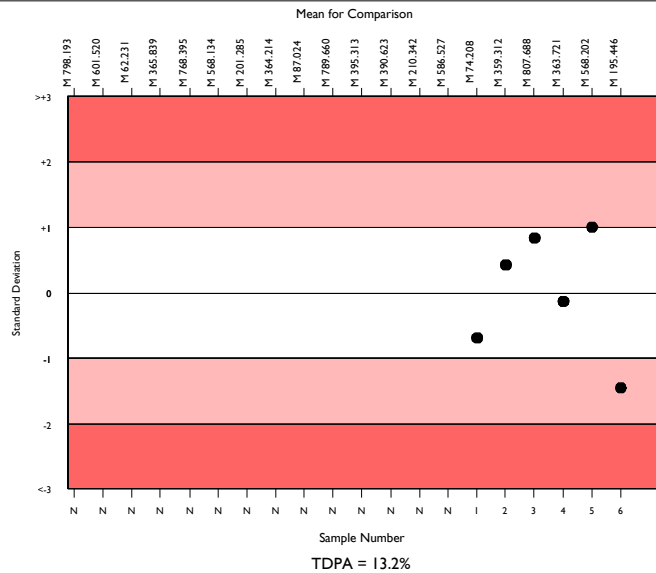
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1567	126.842	10.6	0.43	10.18	180
bioMerieux, VIDAS	73	195.446	6.5	1.86	15.68	7

▲ Your Result	172.580	SDI	-1.46
		RMSDI	Too Few
■ Mean for Comparison	195.446	TS	55
		RMTS	Too Few
		%DEV	-11.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.20%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602 (Estradiol III)	235	129.978	3.7	0.39
Roche Cobas e801 (Estadiol III)	172	127.691	3.8	0.46
Abbott Architect	160	118.491	5.2	0.61
Abbott Alinity i	159	121.896	6.5	0.79
Roche Cobas 4000/e411 (Estradiol III)	127	127.279	5.0	0.70
Roche Cobas 4000/e411 (Estradiol II)	78	125.574	4.4	0.79
bioMerieux, VIDAS	73	195.446	6.5	1.86
Siemens Atellica IM	71	156.632	5.3	1.24
Roche Cobas e601/ 602 (Estradiol II)	60	130.399	5.4	1.13
Beckman Dxl 600/800	51	106.833	5.3	0.98
Beckman Dxl 600/800 Sensitive B84493	52	107.176	5.6	1.04
SNIBE Maglumi analysers	48	179.627	17.9	5.80
Ortho Vitros 3600/5600/ECi/XT 7600	37	128.924	5.2	1.38
Mindray CL 8000i/6000i/2000i/1200i/1000i	30	127.576	10.4	3.03
Siemens Centaur XP/XPT	31	146.135	6.6	2.16
Siemens Centaur XP/XPT (eE2)	27	144.411	5.7	1.97
Beckman Access/LXi725	23	119.480	3.4	1.07
Siemens/DPC Immulite 2000/2500	21	149.438	14.0	5.71
Beckman Access/LXi725 Sensitive B84493	18	120.734	4.4	1.55
Roche Elecsys (Estradiol III)	18	124.300	4.6	1.70
Roche Elecsys (Estradiol II)	14	127.092	5.1	2.18

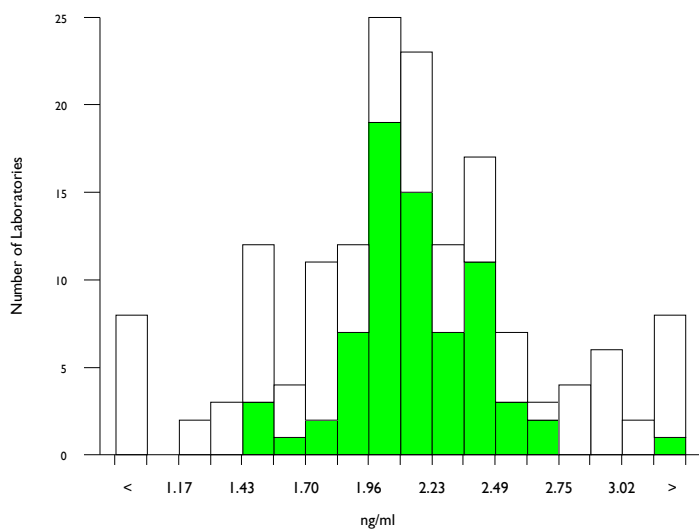


# 17-OH-Progesterone, ng/ml

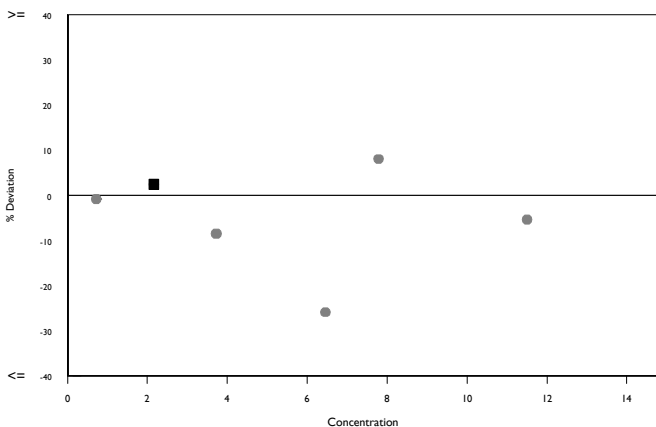
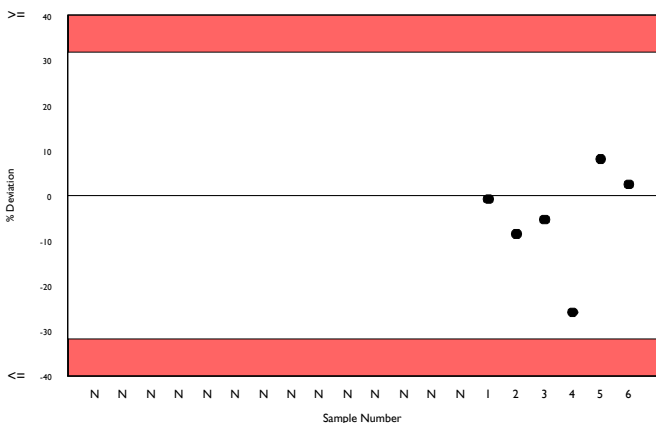
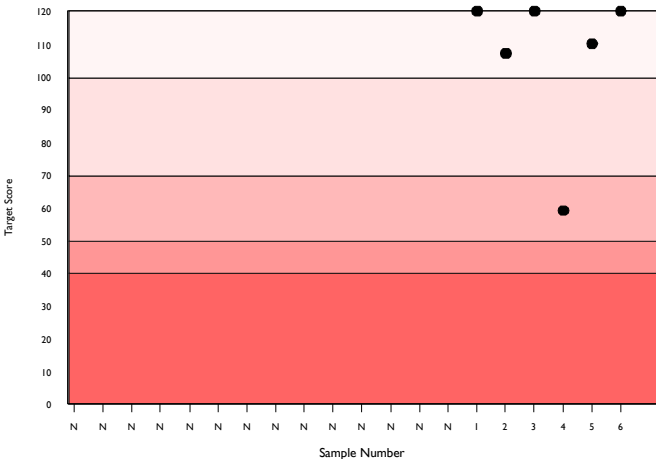
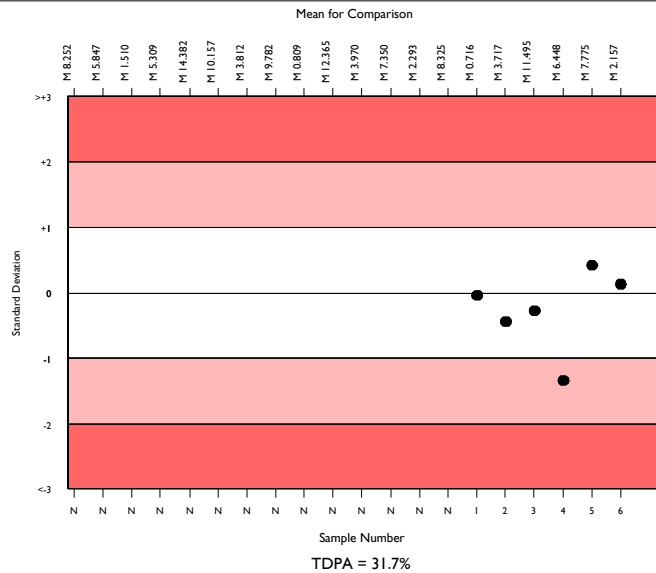
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	135	2.099	16.8	0.04	0.40	24
SNIBE Maglumi analysers	64	2.157	9.0	0.03	0.42	7

▲ Your Result	2.210	SDI RMSDI	0.13 Too Few
■ Mean for Comparison	2.157	TS RMTS	120 Too Few
		%DEV RM%DEV	2.4 Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
SNIBE Maglumi analysers	64	2.157	9.0	0.03
DRG ELISA	17	2.101	23.1	0.15
ELISA	9	1.922	16.8	0.13
IDS-iSYS 17-OH Progesterone	8	1.571	12.7	0.09
DIAsource, RIA	6	2.796	10.6	0.15
LC/MS	6	2.436	15.4	0.19
IBL ELISA	5	2.108	14.3	0.17
DIAsource, ELISA	4	1.828	22.7	0.26
DiaMetra ELISA	2	2.125	41.6	0.78
Immunotech RIA	4	2.195	4.4	0.06
CDG Q-Strip	3	1.533	22.9	0.25
DBC ELISA	2	1.215	27.4	0.29
Demeditec ELISA	2	2.050	18.6	0.34
Dynex DS2 ELISA	1	2.110	0.0	0.00
HPLC	2	3.076	0.2	0.00
Stat Fax Elisa Readers	2	0.585	13.2	0.07

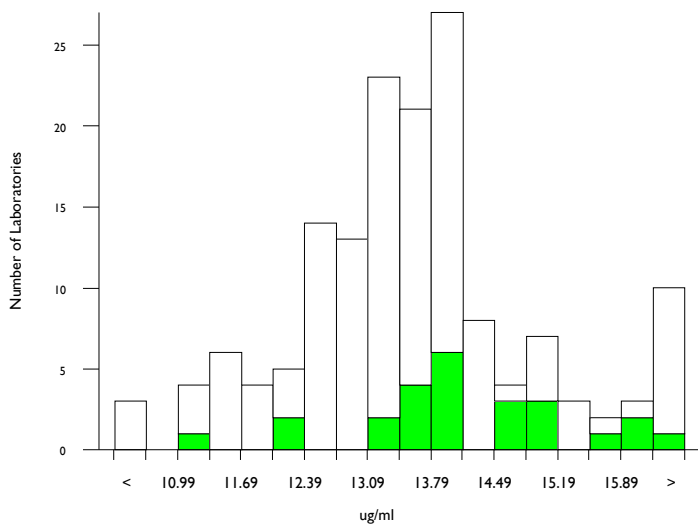


# Phenobarbital, ug/ml

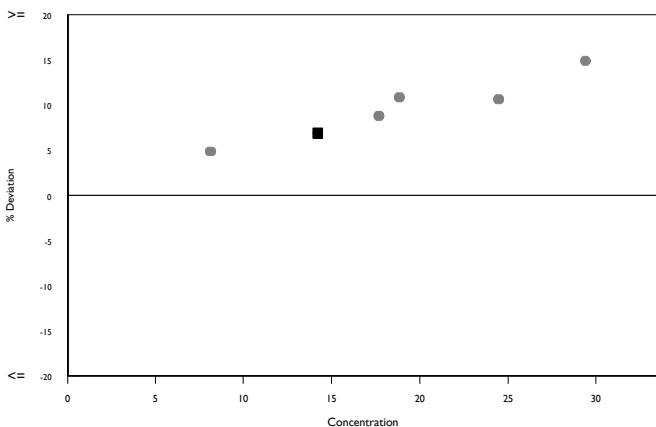
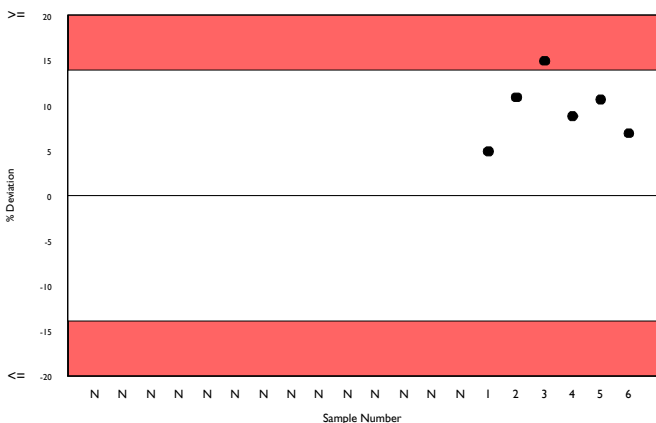
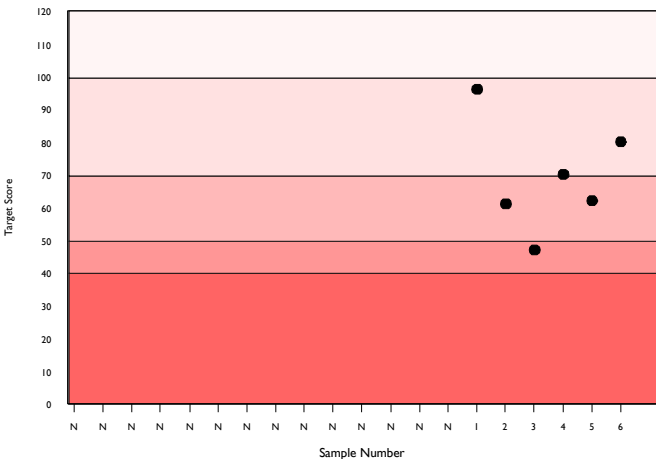
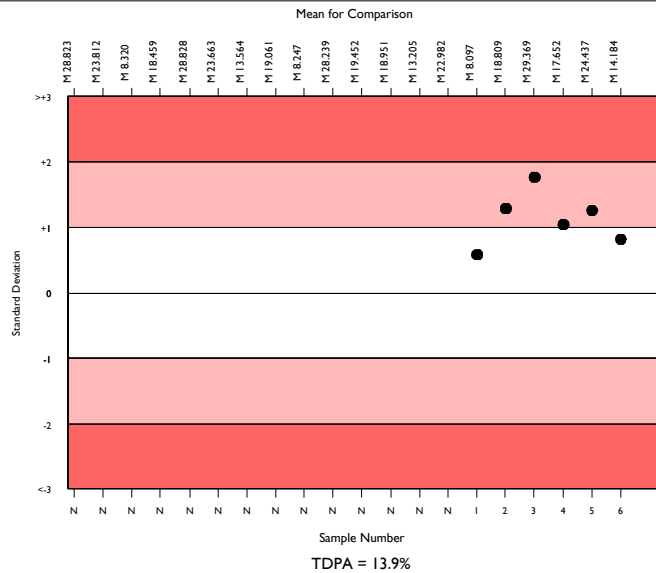
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	139	13.443	6.9	0.10	1.14	18
Abbott Architect (CMIA)	23	14.184	7.3	0.27	1.20	2

▲ Your Result	15.160	SDI	0.81
		RMSDI	Too Few
■ Mean for Comparison	14.184	TS	80
		RMTS	Too Few
		%DEV	6.9
		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 <sub>m</sub>
Roche Cobas C303/501/502/503/701	36	13.391	4.3	0.12
Abbott Architect (CMIA)	23	14.184	7.3	0.27
Abbott Alinity (PETINA)	19	12.855	5.4	0.20
Beckman AU Instruments	11	13.486	6.4	0.32
Roche Integra	9	13.170	9.7	0.53
Microgenics CEDIA assay	6	11.969	4.9	0.30
Siemens Atellica CH	4	13.818	1.6	0.13
Roche Cobas E601/602/801	5	13.580	3.7	0.28
Siemens/DPC Immulite 2000/2500	4	13.960	1.4	0.12
EMIT	5	13.896	7.8	0.61
Siemens Centaur XP/XPT	4	19.345	8.2	0.99
Siemens Dimension	4	15.150	16.0	1.51
Siemens ADVIA 1200/1650/1800/2400	3	14.633	5.2	0.55
GC/MS	2	13.865	0.4	0.04
Beckman Synchron LX systems / Unical DxC	2	14.628	14.2	1.84

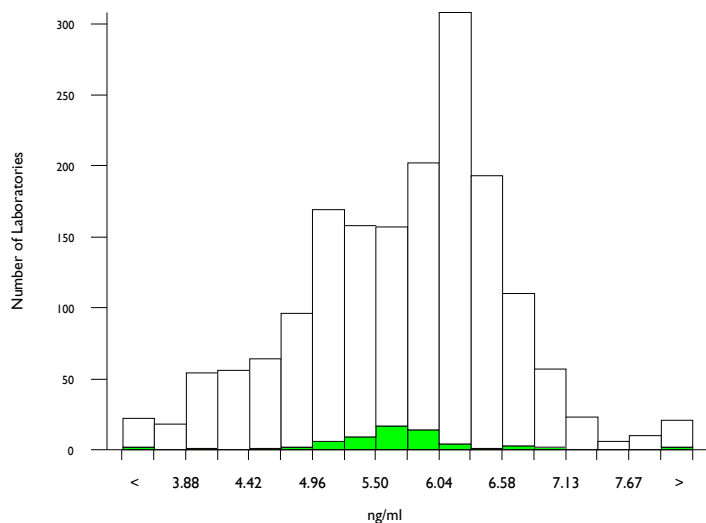


# Progesterone, ng/ml

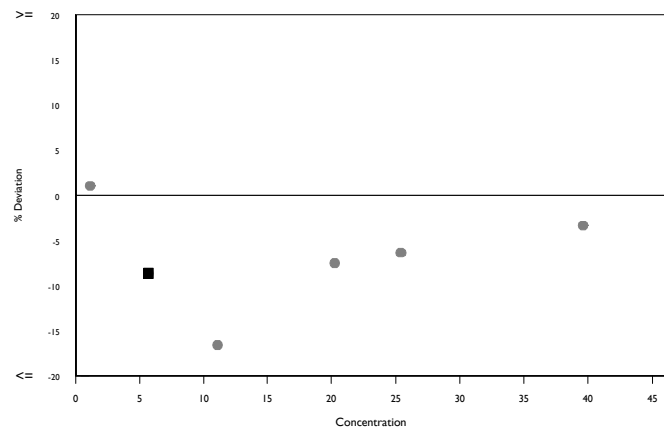
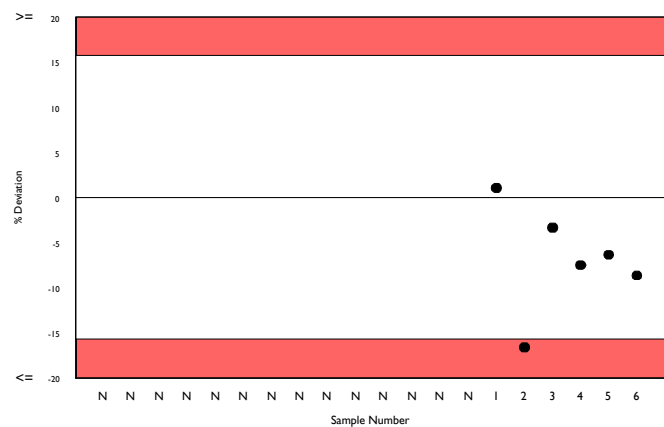
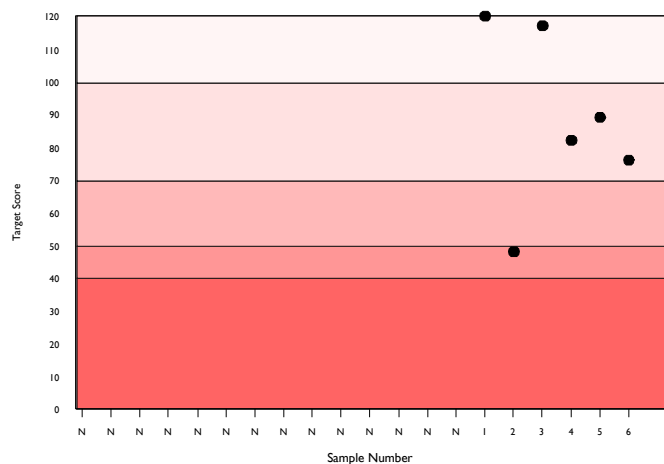
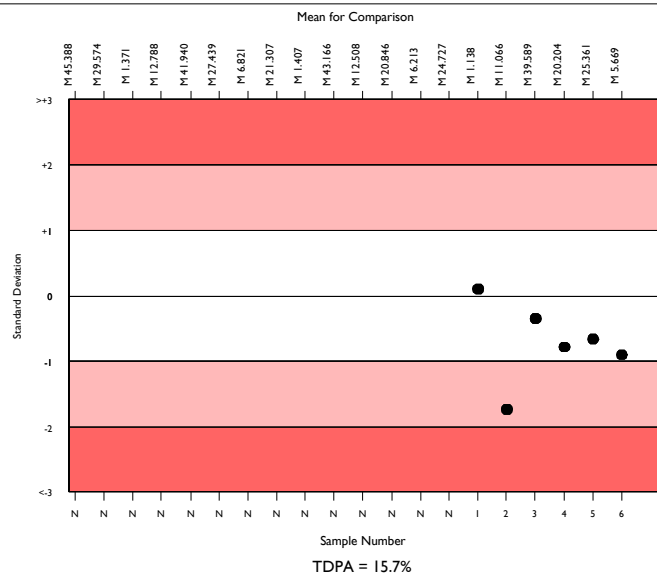
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1610	5.778	12.5	0.02	0.55	114
bioMerieux, VIDAS (<= lot 1009311690)	54	5.669	6.7	0.06	0.54	10

▲ Your Result	5.180	SDI	-0.90
		RMSDI	Too Few
■ Mean for Comparison	5.669	TS	76
		RMTS	Too Few
		%DEV	-8.6
		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 <sub>m</sub>
Roche Cobas e601/ 602 (Prog. III)	217	6.326	4.8	0.03
Roche Cobas e801 (Prog III)	160	6.272	4.0	0.02
Abbott Alinity i	154	5.268	5.2	0.03
Abbott Architect	153	5.631	6.3	0.04
Roche Cobas 4000/e411 (Prog. III)	115	6.205	4.6	0.03
Roche Cobas 4000/e411 (Prog. II)	84	6.200	6.4	0.05
Beckman DXI Prog. Cal 33555	78	5.219	8.5	0.06
Roche Cobas e601/ 602 (Prog. II)	74	6.327	5.1	0.05
Siemens Atellica IM	71	4.455	5.7	0.04
Beckman Access Prog. Cal 33555	63	5.301	9.6	0.08
bioMerieux, VIDAS (<= lot 1009311690)	54	5.669	6.7	0.06
Siemens Centaur XP/XPT	56	4.019	6.7	0.04
SNIBE Maglumi analysers	44	5.108	10.9	0.11
Siemens/DPC Immulite 2000/2500	34	4.684	6.9	0.07
Tosoh AIA Series	32	5.927	14.3	0.19
Ortho Vitros 3600/5600/ECi/XT 7600	31	5.327	6.6	0.08
Mindray CL 8000i/6000i/2000i/1200i/1000i	28	7.178	9.1	0.15
Roche Elecsys (Prog. III)	14	6.192	3.7	0.08
Roche Elecsys (Prog. II)	15	6.259	6.7	0.13
Siemens/DPC Immulite 1000	11	5.296	6.7	0.13
Beckman Access Prog.DE Cal. A80773	12	5.534	8.6	0.17



# Prolactin, ng/ml (21)

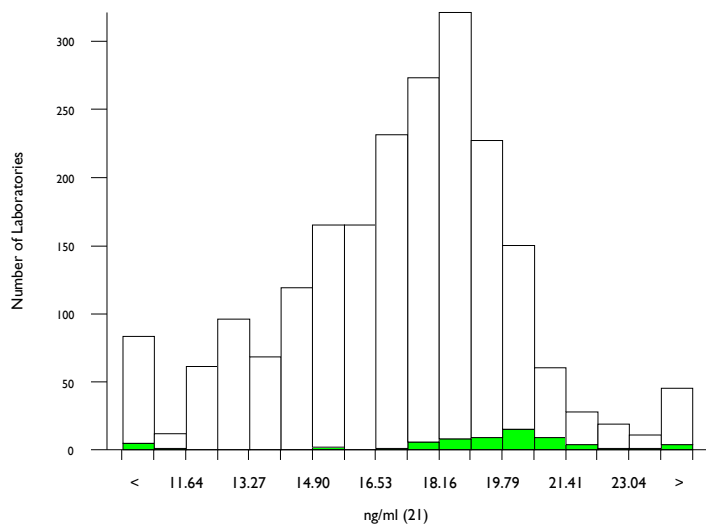
All Methods

bioMerieux, VIDAS

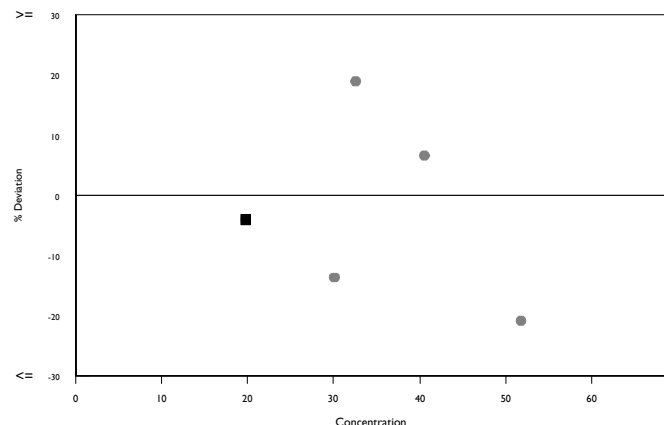
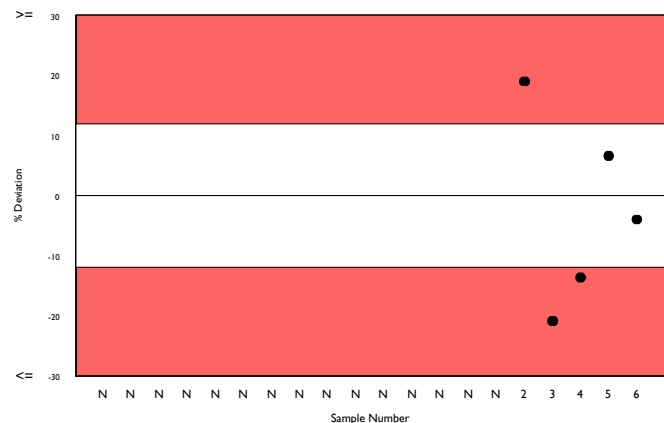
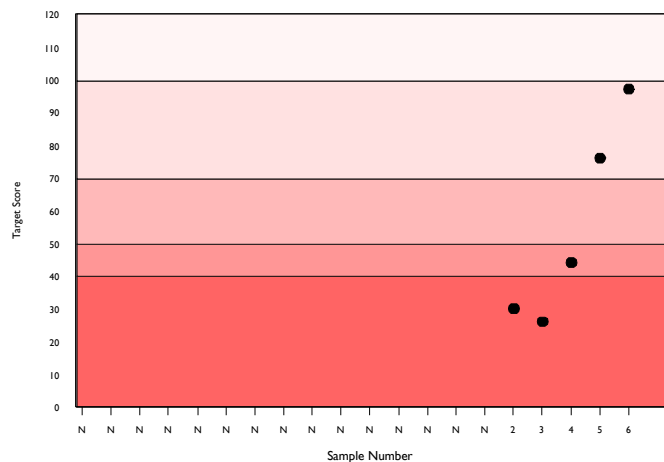
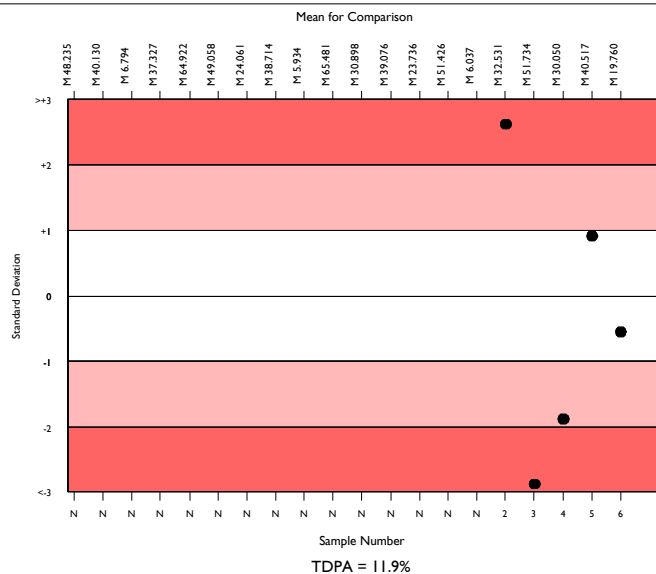
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1916	17.347	12.5	0.06	1.25	219
bioMerieux, VIDAS	53	19.760	6.5	0.22	1.43	13

▲ Your Result	18.970	SDI	-0.55
		RMSDI	Too Few
■ Mean for Comparison	19.760	TS	97
		RMTS	Too Few
		%DEV	-4.0
		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 <sub>m</sub>
Roche Cobas e601/ 602	288	18.651	4.0	0.06
Roche Cobas 4000/e41 I	253	19.582	5.3	0.08
Abbott Architect	178	16.537	4.9	0.08
Abbott Alinity i	165	17.160	3.9	0.07
Roche Cobas e801 PRL II	165	18.132	3.6	0.06
Beckman Dxl 600/800	115	14.678	6.3	0.11
Beckman Access/LXi725	92	15.316	6.1	0.12
Siemens Atellica IM	75	12.590	3.9	0.07
Siemens Centaur XP/XPT	68	12.865	5.0	0.10
SNIBE Maglumi analysers	73	17.109	6.6	0.17
Ortho Vitros 3600/5600/ECi/XT 7600	60	15.276	4.5	0.11
bioMerieux, VIDAS	53	19.760	6.5	0.22
Mindray CL 8000i/6000i/2000i/1200i/1000i	44	18.864	6.2	0.22
Siemens/DPC Immulite 2000/2500	32	14.636	7.1	0.23
Tosoh AIA Series	31	16.377	14.5	0.53
Roche Elecsys/EI170/Cobas e601/ 602 PRLII	25	18.678	2.7	0.13
Roche Elecsys	24	19.995	5.1	0.26
DiaSorin Liaison XL	14	18.902	5.3	0.33
Siemens Centaur CP	9	12.858	5.1	0.27
Siemens/DPC Immulite 1000	10	15.321	6.3	0.38
Shenzhen YHLO iFlash Series	9	22.148	5.5	0.51



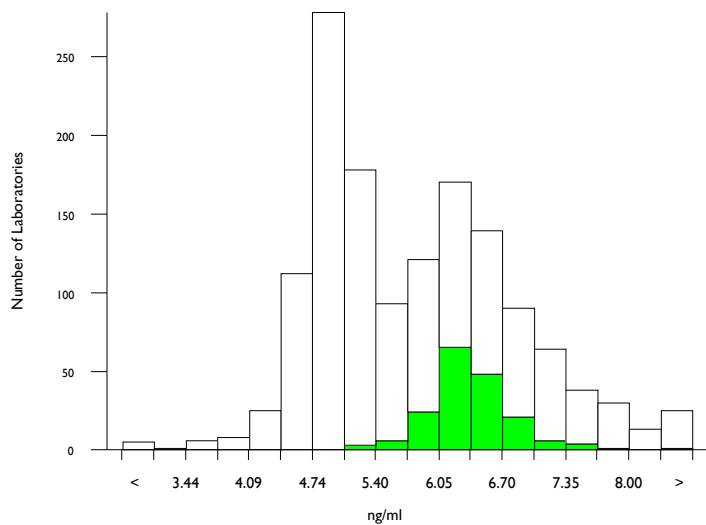


# PSA, Free, ng/ml

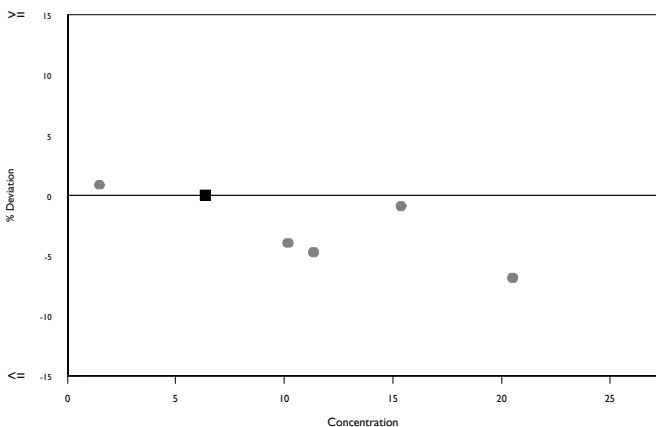
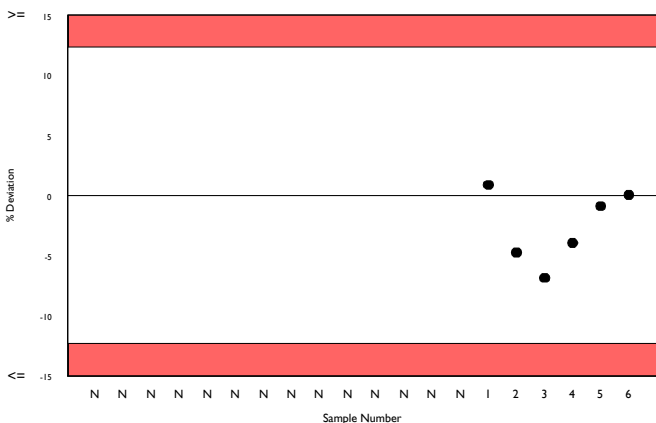
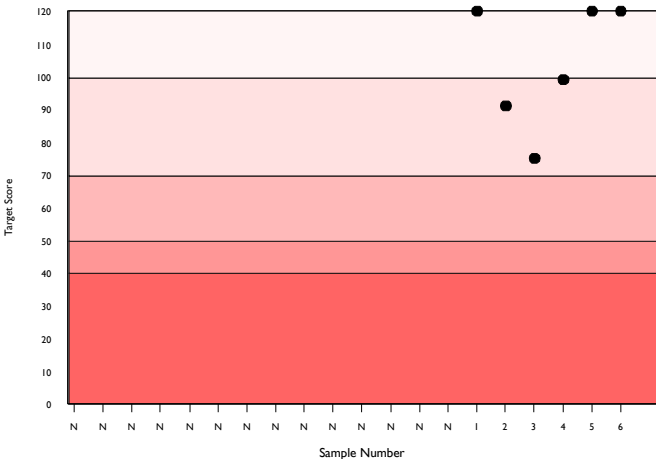
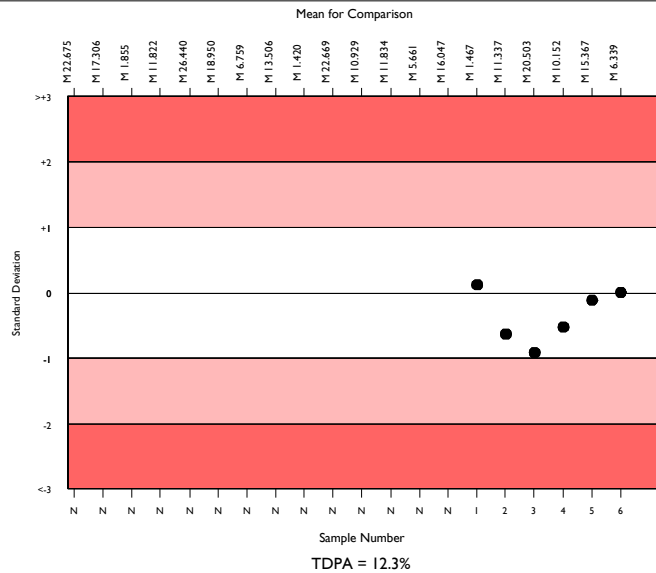
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1326	5.727	15.2	0.03	0.43	70
Abbott Architect	162	6.339	4.8	0.03	0.47	17

▲ Your Result	6.340	SDI	0.00
		RMSDI	Too Few
■ Mean for Comparison	6.339	TS	120
		RMTS	Too Few
		%DEV	0.0
		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 <sub>m</sub>
Roche Cobas e601/602	196	5.082	4.5	0.02
Abbott Architect	162	6.339	4.8	0.03
Abbott Alinity i	154	6.339	5.1	0.03
Roche Cobas 4000/e41 I	144	5.076	6.7	0.04
Roche Cobas e402/e801	142	4.858	3.2	0.02
Beckman DXI standardised to Hybritech	90	7.173	6.5	0.06
Siemens Atellica IM	52	6.033	4.7	0.05
Siemens Centaur XP/XPT	50	5.790	4.4	0.05
Beckman Access standardised to Hybritech	45	7.433	5.7	0.08
BioMerieux VIDAS	34	7.976	7.7	0.13
Mindray CL 8000i/6000i/2000i/1200i/1000i	30	6.540	3.3	0.05
Siemens/DPC Immulite 2000/2500	29	5.172	6.8	0.08
SNIBE Maglumi analysers	26	4.707	6.6	0.08
Tosoh AIA Series	19	4.951	10.1	0.14
Ortho Vitros 3600/5600/ECi PSA II/XT7600	17	4.712	4.3	0.06
DiaSorin Liaison XL	14	5.705	7.8	0.15
Roche Elecsys	13	5.245	9.3	0.17
Tosoh AIA-CL Series	7	6.400	1.2	0.04
Beckman DXI standard to WHO IRP96/670	4	5.962	2.7	0.10
Immunotech IRMA	5	4.598	2.5	0.06
Beckman Access standard to WHO IRP96/670	5	7.272	5.6	0.23

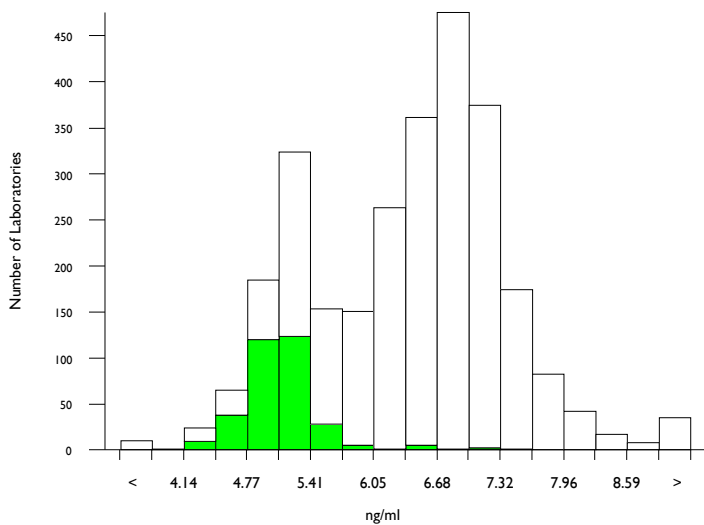


# PSA, Total, ng/ml

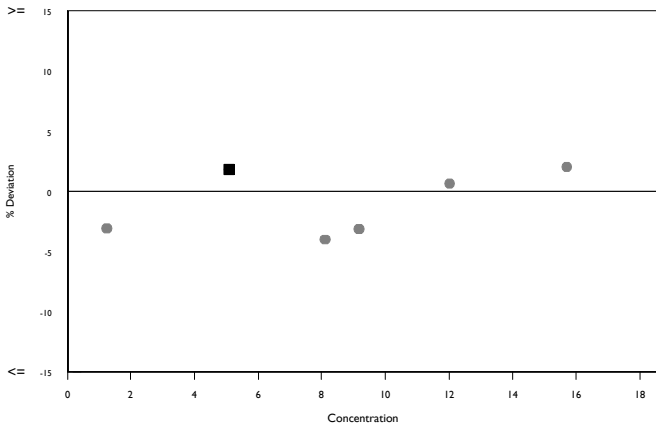
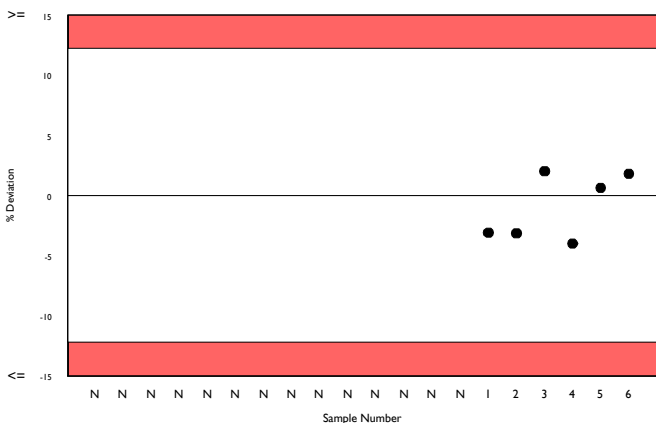
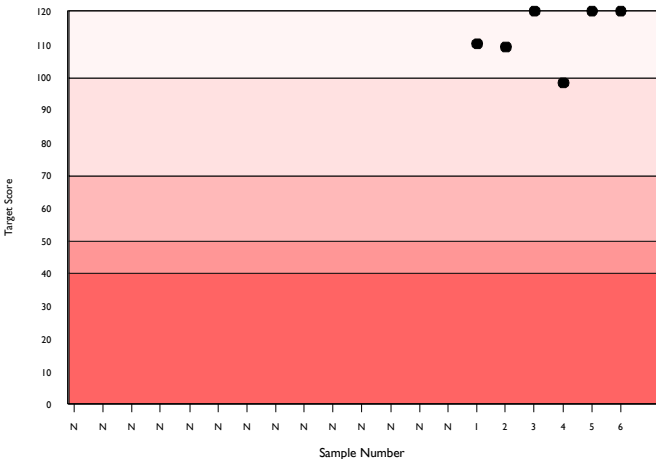
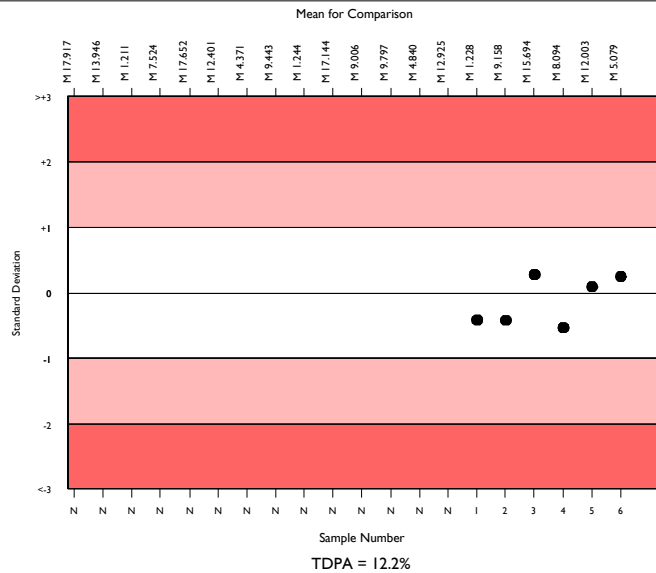
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2626	6.371	13.3	0.02	0.47	115
Abbott Architect	306	5.079	5.0	0.02	0.38	27

▲ Your Result	5.170	SDI	0.24
		RMSDI	Too Few
■ Mean for Comparison	5.079	TS	120
		RMTS	Too Few
		%DEV	1.8
		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 <sub>m</sub>
Roche Cobas e601/602	444	6.888	4.1	0.02
Roche Cobas 4000/e41 I	323	6.888	6.8	0.03
Abbott Architect	306	5.079	5.0	0.02
Abbott Alinity i	237	5.299	4.1	0.02
Roche Cobas e402/e801	223	6.582	3.5	0.02
Beckman DXI standardised to Hybritech	147	7.378	5.2	0.04
Beckman Access standardised to Hybritech	110	7.594	6.8	0.06
Siemens Atellica IM	96	6.348	4.1	0.03
Siemens Centaur XP/XPT	97	6.221	5.3	0.04
SNIBE Maglumi analysers	67	6.028	7.1	0.07
Mindray CL 8000i/6000i/2000i/1200i/1000i	62	6.860	5.3	0.06
Ortho Vitros 3600/5600/ECi PSA II/XT7600	56	7.055	3.2	0.04
Tosoh AIA Series	37	4.642	8.7	0.08
Siemens Immulite 2000/2500, Total PSA	34	5.496	7.6	0.09
bioMerieux, Vidas TPSA	33	6.130	7.0	0.09
Roche Elecsys	27	6.973	5.0	0.08
DiaSorin Liaison XL	29	6.048	9.8	0.14
Ortho Vitros 3600/5600/ECi	27	6.984	4.6	0.08
bioMerieux, VIDAS	23	6.408	7.6	0.13
Beckman Access standard to WHO IRP96/670	17	7.539	6.0	0.14
Siemens Centaur CP	14	6.212	3.5	0.07

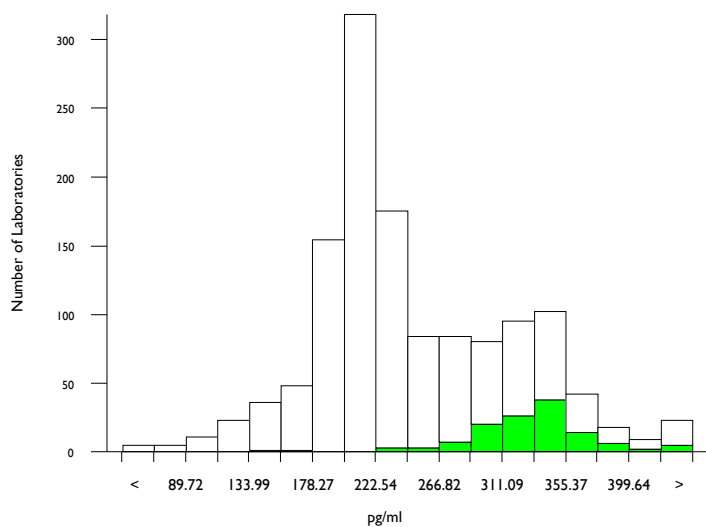


# Parathyroid hormone, pg/ml

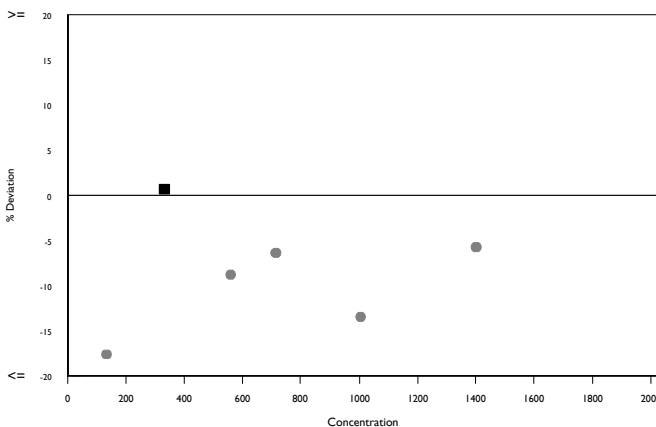
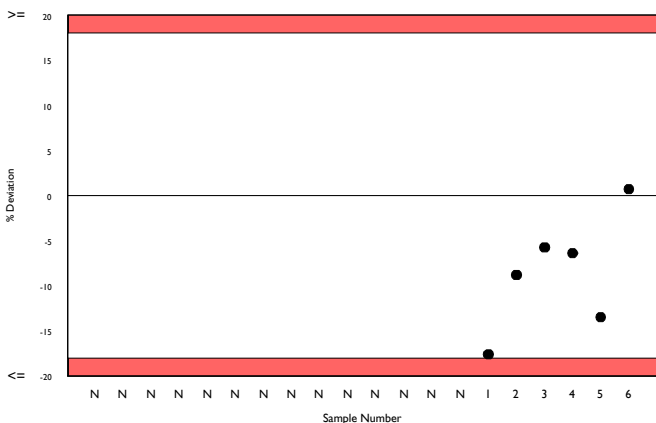
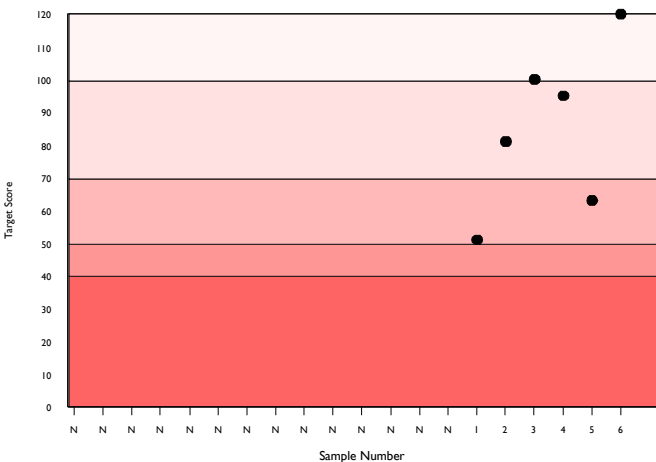
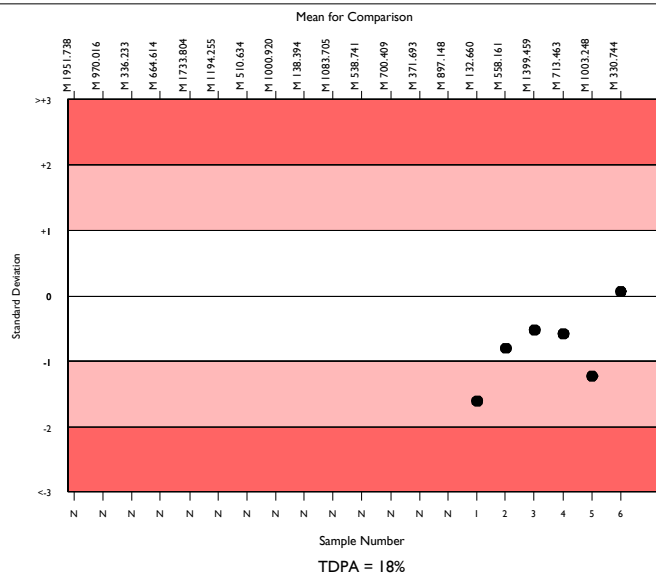
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1240	244.686	24.1	2.09	26.78	74
Abbott Architect	111	330.744	8.4	3.29	36.19	15

▲ Your Result	333.000	SDI	0.06
		RMSDI	Too Few
■ Mean for Comparison	330.744	TS	120
		RMTS	Too Few
		%DEV	0.7
		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 <sub>m</sub>
Roche Cobas e601/ 602 PTH	124	207.507	6.2	1.45
Abbott Architect	111	330.744	8.4	3.29
Roche Cobas 4000/e411 PTH	111	220.278	7.6	1.98
Abbott Alinity i	96	342.088	5.2	2.26
Beckman Dxl 600/800	92	227.890	7.0	2.08
Roche Cobas e801 PTH	81	201.190	5.1	1.41
Siemens Atellica IM	49	281.215	6.5	3.27
Beckman Access/LXi725	45	236.642	10.4	4.59
Siemens Centaur CP/XP/XPT	41	283.576	5.6	3.09
Roche Cobas e601/ 602 PTH (1-84)	41	202.276	9.0	3.56
bioMerieux VIDAS PTH (1-84)	37	130.500	9.4	2.51
Ortho Vitros 3600/5600/ECi/XT 7600	38	321.835	7.4	4.86
Roche Cobas 4000/e411 PTH (1-84)	37	216.921	11.1	4.93
SNIBE Maglumi analysers	29	334.008	9.2	7.12
Roche Cobas 4000/e411 PTH STAT	29	222.733	5.6	2.92
Roche Cobas e601/ 602 PTH STAT	25	203.842	3.3	1.67
Roche Elecsys PTH	26	207.457	6.9	3.49
Siemens/DPC Immulite 2000	18	337.029	7.8	7.76
Roche Cobas e801 PTH STAT	22	201.351	5.1	2.73
Roche Cobas e801 PTH (1-84)	20	189.474	7.9	4.19
Tosoh AIA Series	17	242.118	7.4	5.47

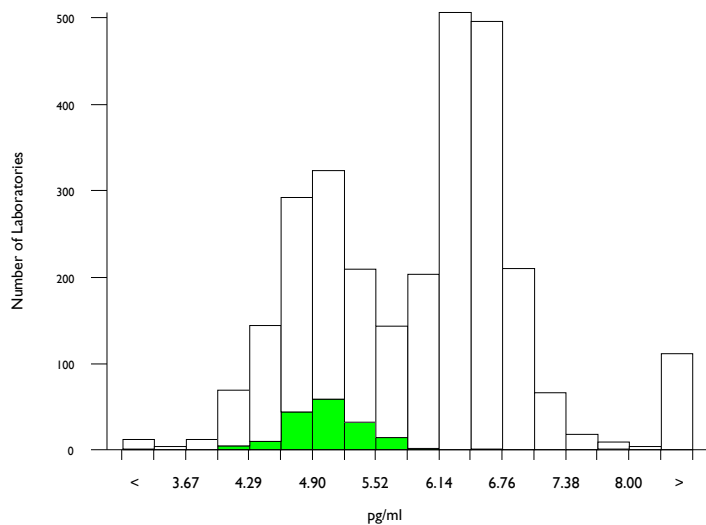


# Free T3, pg/ml

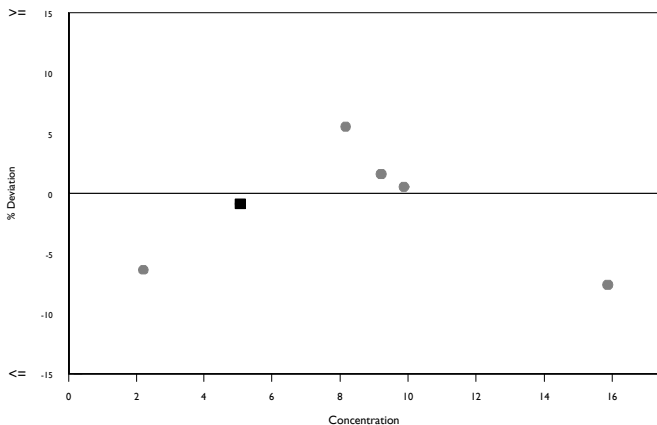
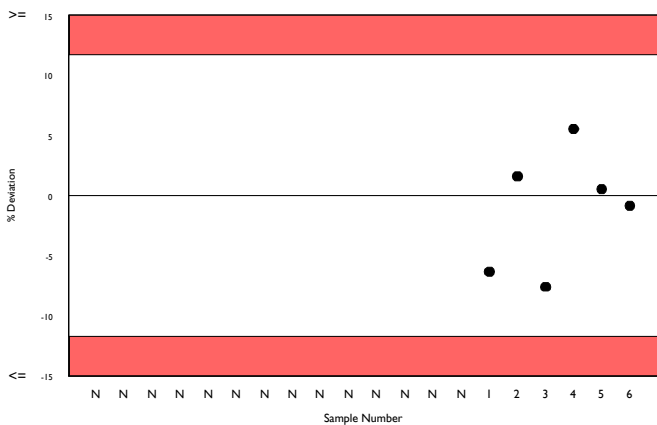
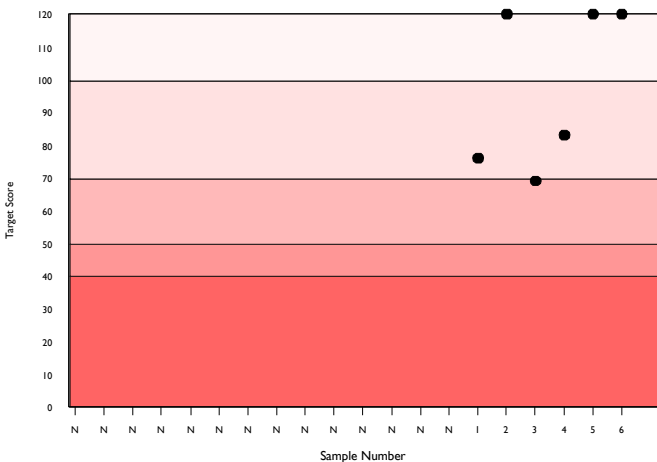
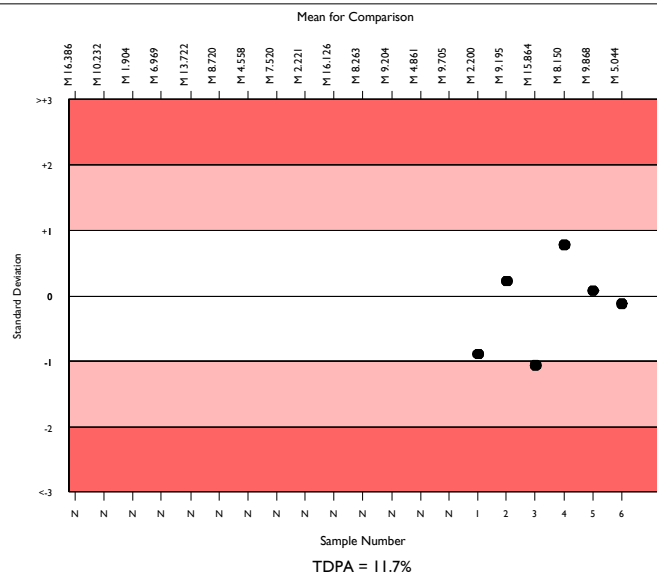
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2662	5.839	14.1	0.02	0.42	170
Abbott Architect, 6 point cal	156	5.044	5.8	0.03	0.36	13

▲ Your Result	5.000	SDI	-0.12
		RMSDI	Too Few
■ Mean for Comparison	5.044	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	11.70%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	424	6.482	3.8	0.01
Roche Cobas 4000/e41 I	314	6.479	4.4	0.02
Roche Cobas e402/e801	262	6.420	3.1	0.02
Beckman Dxl 600/800	193	4.565	7.4	0.03
Abbott Alinity, 6 point cal	186	5.075	4.5	0.02
Abbott Architect, 6 point cal	156	5.044	5.8	0.03
Beckman Access/LXi725	142	4.914	6.8	0.04
Abbott Architect, 2 point cal	130	4.995	5.8	0.03
Siemens Atellica IM	110	6.900	2.9	0.02
Siemens Centaur XP/XPT	106	6.360	3.5	0.03
Ortho Vitros 3600/5600/ECi/XT/7600	81	12.736	4.9	0.09
SNIBE Maglumi analysers	74	4.831	7.0	0.05
Mindray CL 8000i/6000i/2000i/1200i/1000i	63	5.720	4.6	0.04
BioMerieux VIDAS	62	5.830	7.2	0.07
Abbott Alinity, 2 point cal	55	5.036	4.4	0.04
Tosoh AIA Series	43	6.738	6.0	0.08
Roche Elecsys	36	6.393	3.8	0.05
DiaSorin Liaison XL	28	5.890	5.3	0.07
Siemens Centaur CP	22	6.508	4.2	0.07
Siemens/DPC Immulite 2000/2500	18	4.568	5.8	0.08
Sysmex HISCL Series	13	5.743	4.5	0.09

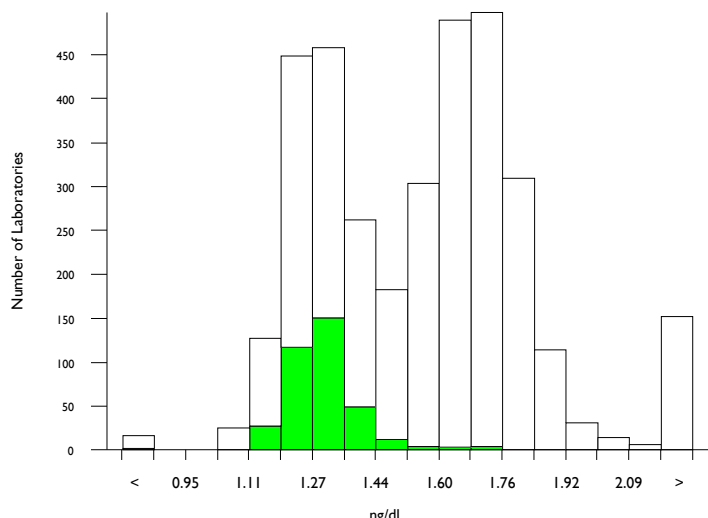


# Free T4, ng/dl

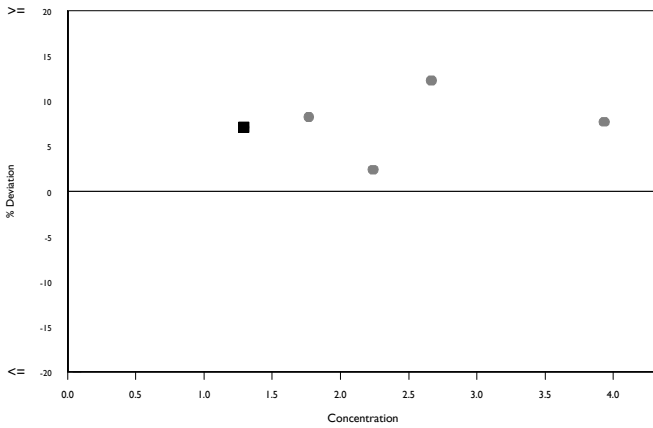
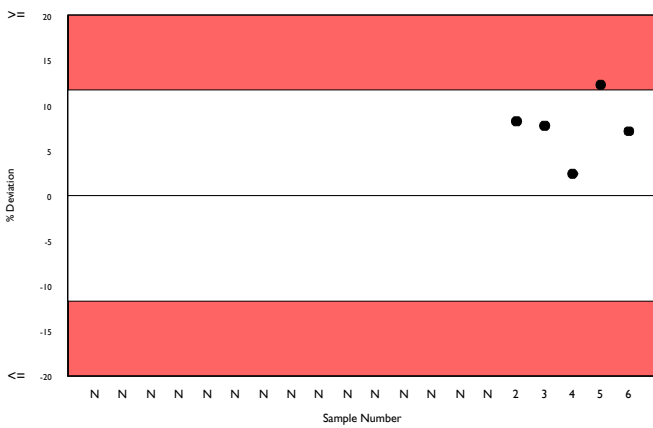
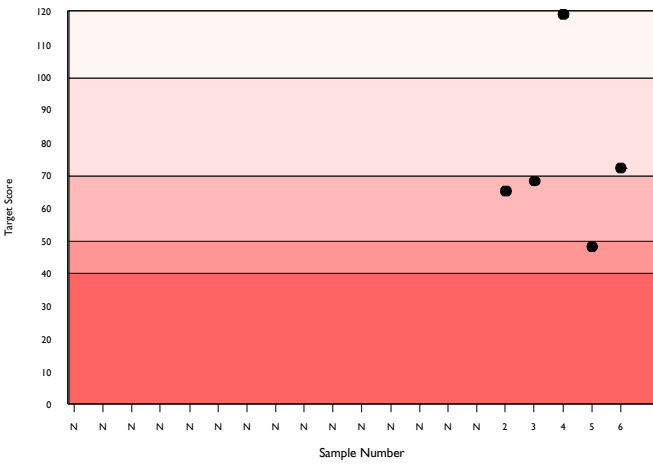
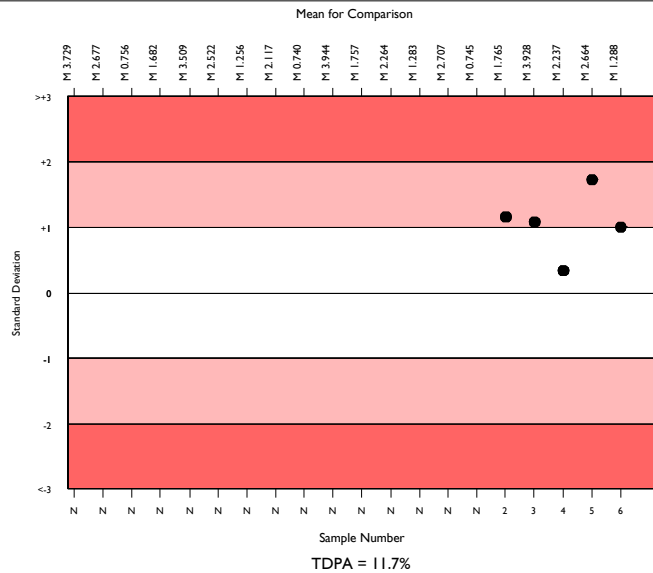
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	3232	1.523	14.2	0.00	0.11	202
Abbott Architect	341	1.288	5.0	0.00	0.09	27

▲ Your Result	1.380	SDI	1.00
		RMSDI	Too Few
■ Mean for Comparison	1.288	TS	72
		RMTS	Too Few
		%DEV	7.1
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	548	1.677	4.8	0.00
Roche Cobas 4000/e41 I	398	1.674	4.7	0.00
Abbott Architect	341	1.288	5.0	0.00
Roche Cobas e402/e80 I	304	1.748	4.8	0.01
Abbott Alinity i	276	1.272	5.1	0.00
Beckman Dxl 600/800	229	1.354	6.4	0.01
Beckman Access/LXi725	181	1.411	6.8	0.01
Siemens Centaur XP/XPT	121	1.233	5.4	0.01
Siemens Atellica IM	117	1.264	4.2	0.01
Ortho Vitros 3600/5600/ECi/XT/7600	103	3.005	5.7	0.02
SNIBE Maglumi analysers	96	1.731	6.1	0.01
Mindray CL 8000i/6000i/2000i/1200i/1000i	77	1.601	5.9	0.01
bioMerieux, VIDAS-FT4N Kit	59	1.826	5.2	0.02
Tosoh AIA Series	55	1.560	7.7	0.02
Roche Elecsys	44	1.687	5.0	0.02
DiaSorin Liaison XL	34	1.804	4.6	0.02
Siemens/DPC Immulite 2000/2500	32	1.744	5.5	0.02
Siemens Centaur CP	26	1.241	3.9	0.01
Immunotech RIA	16	1.305	2.7	0.01
Siemens/DPC Immulite 1000	14	1.680	6.8	0.04
Sysmex HISCL Series	14	1.535	3.5	0.02

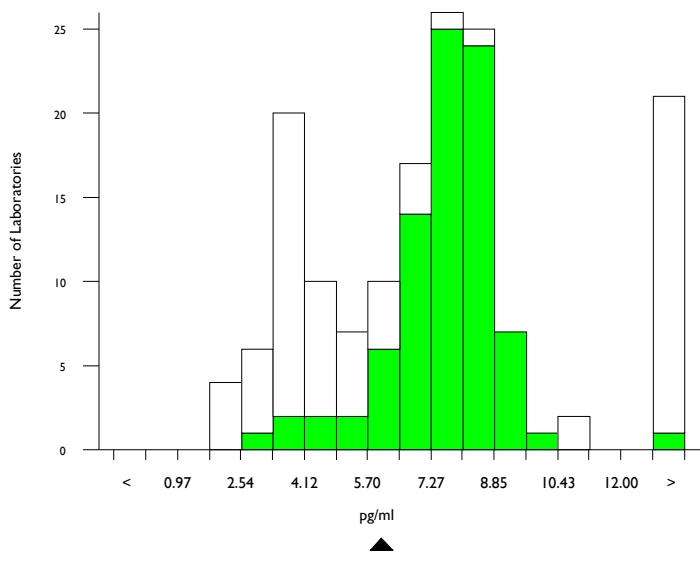


# Free Testosterone (Pilot), pg/ml

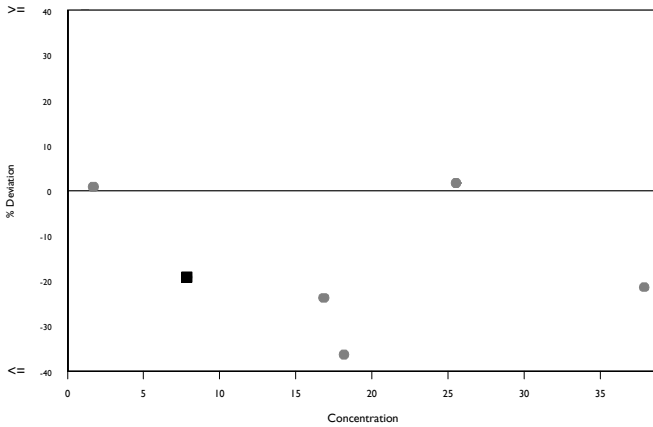
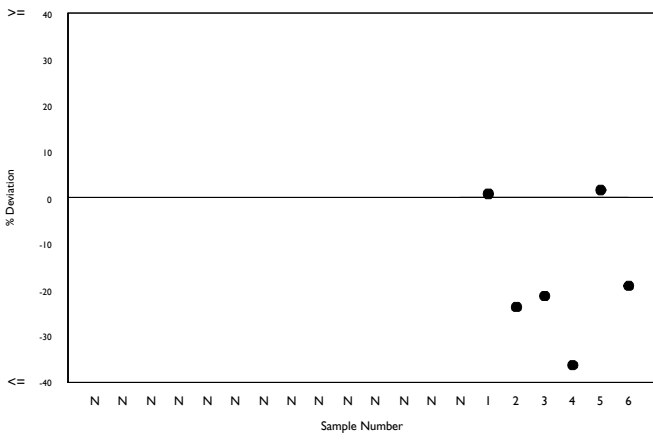
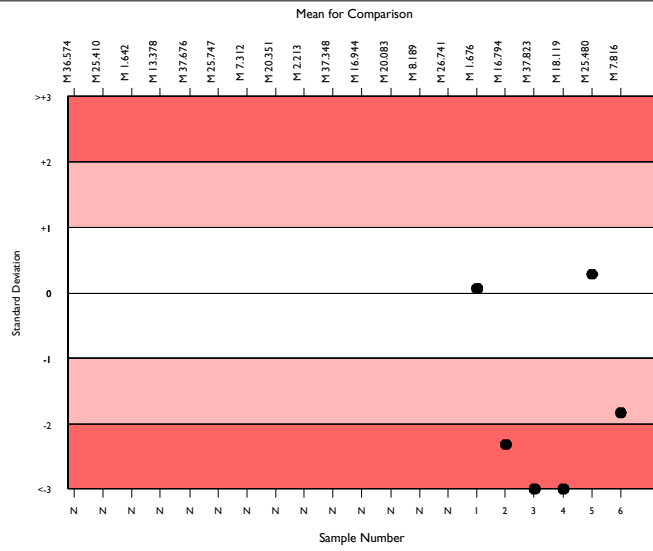
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	133	6.490	32.4	0.23	2.10	23
SNIBE Maglumi analysers	76	7.816	10.4	0.12	0.82	9

▲ Your Result	6.320	SDI RMSDI	-1.83 Too Few
■ Mean for Comparison	7.816	TS RMTS	N/A N/A
		%DEV RM%DEV	-19.1 Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
SNIBE Maglumi analysers	76	7.816	10.4	0.12
Calculated	9	47.422	4.9	0.97
ELISA	8	4.145	24.3	0.44
DRG ELISA	7	4.924	34.1	0.79
IDS Free Testosterone	7	4.768	7.1	0.16
Diametra ELISA	4	3.688	4.5	0.10
DIAsource, RIA	5	3.652	20.0	0.41
Monobind Inc. ELISA / CLIA	3	3.308	40.0	0.95
Novatec ELISA	3	3.054	21.1	0.46
Roche Cobas 4000/e411	3	50.110	26.1	9.42
Roche Cobas 6000/8000	2	50.330	10.8	4.79
CDG Q-Strip	2	6.500	4.4	0.25
Immunotech RIA	2	4.035	1.2	0.04

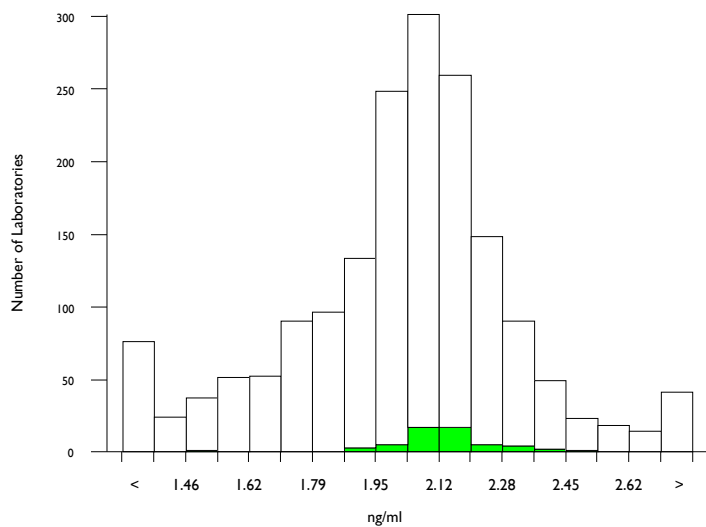
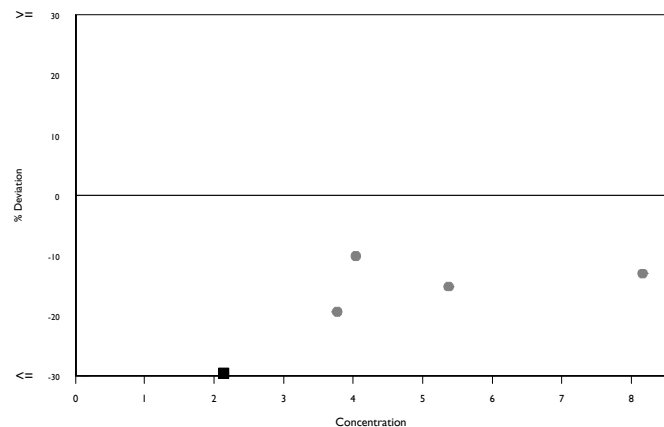
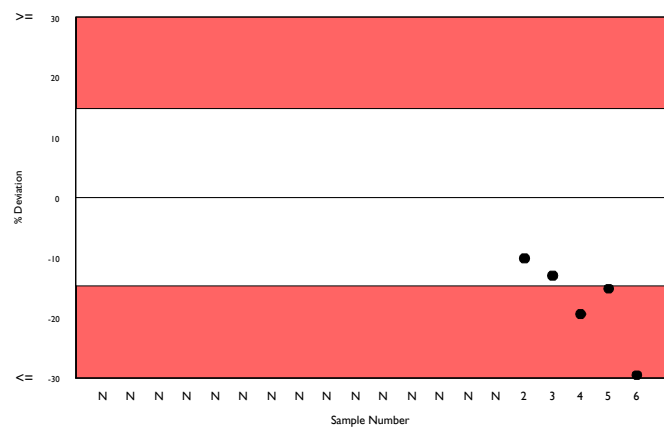
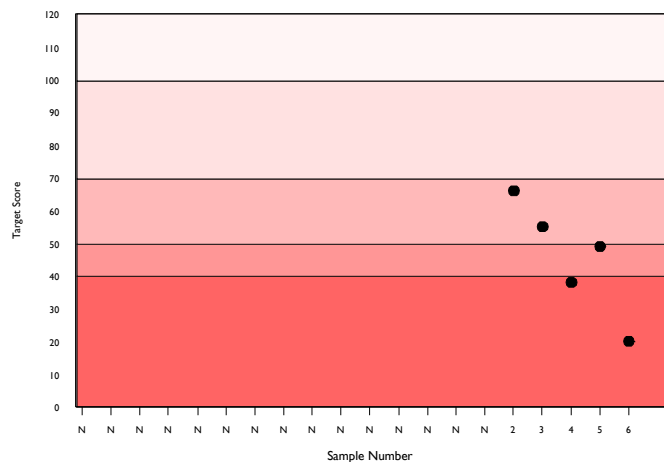
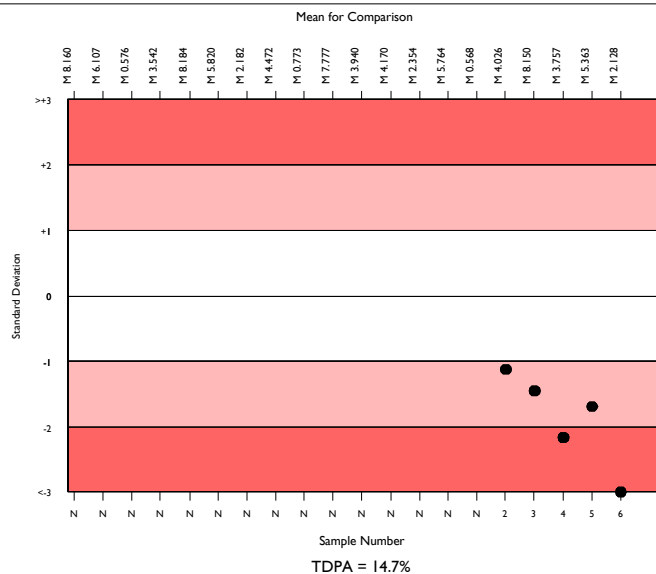


# Testosterone, ng/ml

	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1599	2.041	10.8	0.01	0.18	151
Abbott Architect 2nd gen	51	2.128	4.6	0.02	0.19	4

▲ Your Result	1.500	SDI	-3.30
		RMSDI	Too Few
■ Mean for Comparison	2.128	TS	20
		RMTS	Too Few
		%DEV	-29.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	14.70%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



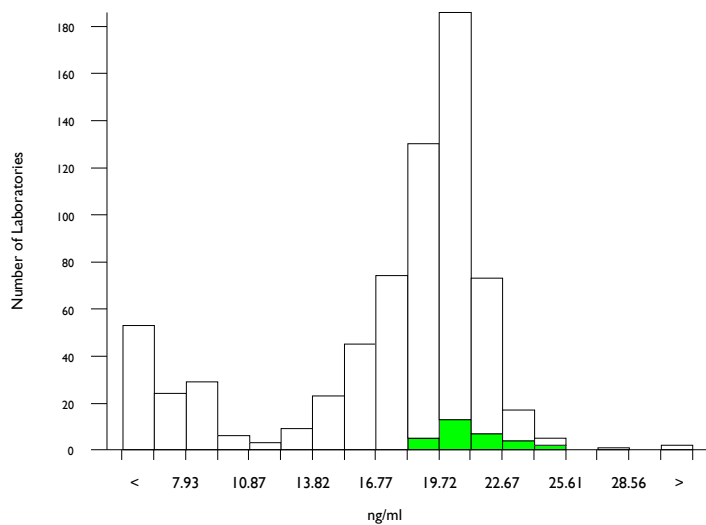
Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 4000/e411 Test II	230	2.134	5.7	0.01
Roche Cobas e601/602 Test II	228	2.167	5.3	0.01
Roche Cobas e801 Test II	146	2.102	4.1	0.01
Abbott Alinity i	138	2.081	4.8	0.01
Beckman Dxl 600/800	109	1.802	6.2	0.01
Abbott Architect	102	2.129	5.9	0.02
Beckman Access/LXi725	78	1.890	8.2	0.02
Siemens Atellica IM	68	1.964	6.0	0.02
SNIBE Maglumi analysers	65	1.265	31.9	0.06
Abbott Architect 2nd gen	51	2.128	4.6	0.02
bioMerieux VIDAS Testosterone II	45	1.524	8.8	0.03
Ortho Vitros 3600/5600/ECi/XT 7600	44	1.850	5.0	0.02
bioMerieux, VIDAS	38	1.548	7.5	0.02
Siemens/DPC Immulite 2000/2500	38	1.924	13.2	0.05
Mindray CL 8000i/6000i/2000i/1200i/1000i	38	2.372	8.2	0.04
Siemens Centaur XP/XPT TSTII	37	2.057	8.2	0.03
Roche Elecsys Test II	25	2.207	6.2	0.03
Siemens Centaur XP/XPT TSTO	19	1.995	7.5	0.04
Tosoh AIA Series	18	1.826	7.4	0.04
DiaSorin Liaison XL	10	1.373	29.9	0.16
Tosoh AIA-CL Series	8	2.726	7.9	0.09

# Thyroglobulin, ng/ml

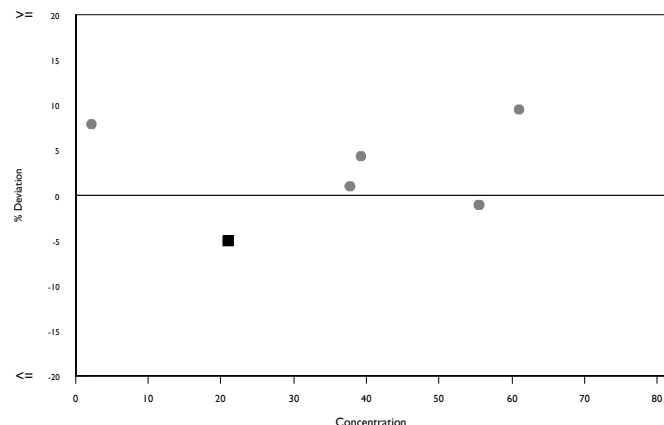
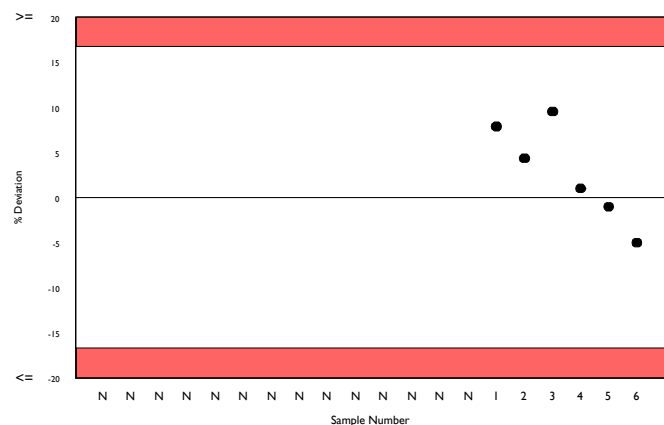
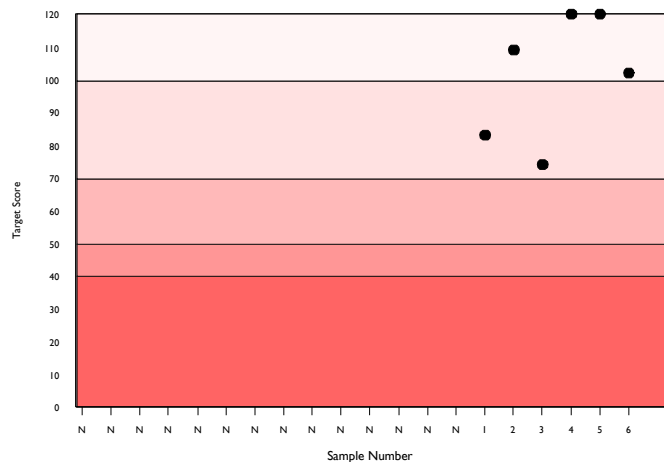
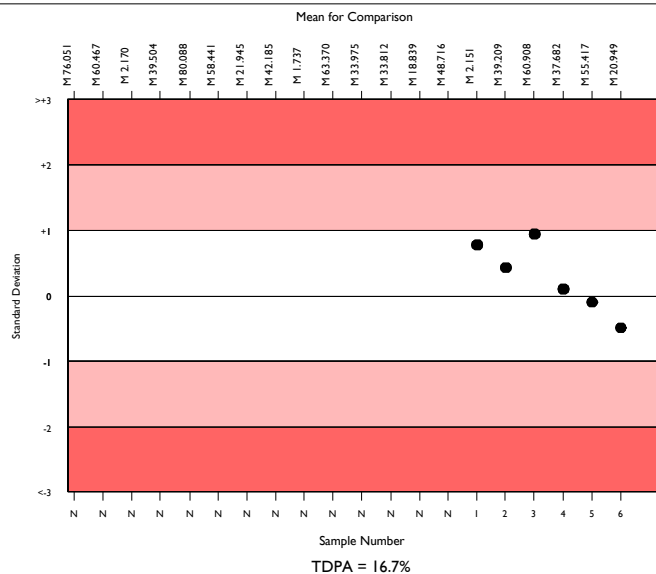
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	625	18.249	21.5	0.20	1.85	55
Abbott Architect	29	20.949	6.4	0.31	2.13	2

▲ Your Result	19.900	SDI	-0.49
		RMSDI	Too Few
■ Mean for Comparison	20.949	TS	102
		RMTS	Too Few
		%DEV	-5.0
		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 <sub>m</sub>
Roche Cobas e601/602 Tg II	84	20.454	5.2	0.15
Roche Cobas e801 Tg II	67	19.291	3.8	0.11
Siemens Immulite 2000/2500	49	8.176	11.5	0.17
Beckman Dxl 600/800	50	17.226	6.3	0.19
Roche Cobas 4000/e411	48	20.123	4.9	0.18
Roche Cobas 4000/e411 TgII	40	19.928	6.4	0.25
Roche Cobas e601/602	39	20.175	5.1	0.21
Abbott Alinity i	34	21.239	4.5	0.20
Beckman Access	32	17.472	10.2	0.39
Abbott Architect	29	20.949	6.4	0.31
SNIBE Maglumi analysers	17	0.950	25.2	0.07
Roche Elecsys Tg II	14	20.069	3.6	0.24
Siemens Atellica IM	13	16.070	3.9	0.22
DiaSorin, Liaison XL TG II Gen	13	18.847	10.0	0.66
Mindray CL 8000i/6000i/2000i/1200i/1000i	13	5.845	3.1	0.06
DiaSorin Liaison XL	10	18.953	8.2	0.61
Beckman IRMA	9	14.297	5.5	0.33
Tosoh AIA Series	9	21.511	10.2	0.91
Roche Elecsys	7	20.234	4.0	0.38
Siemens Immulite 1000	4	7.430	2.4	0.11
Tosoh AIA-CL Series	5	14.890	2.7	0.23



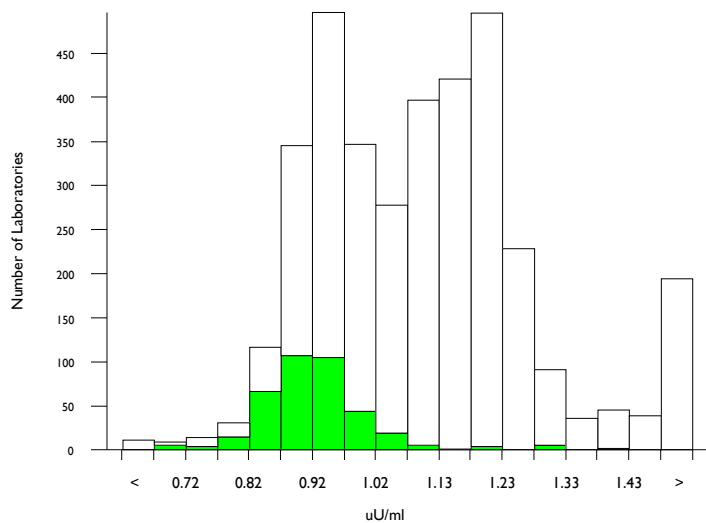


# TSH, uU/ml

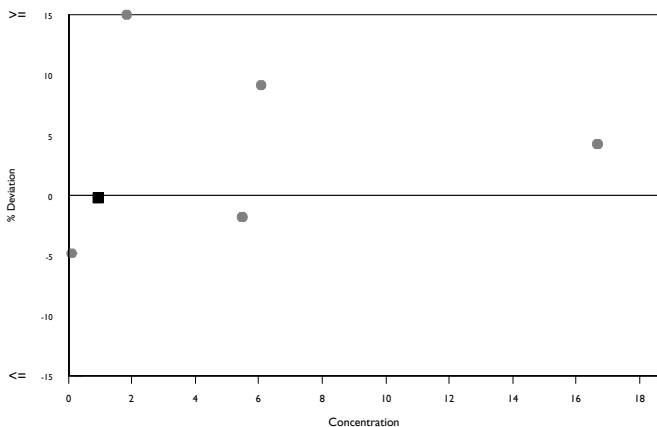
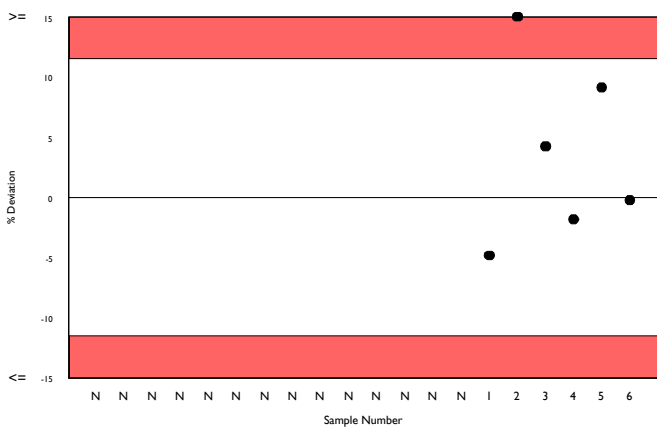
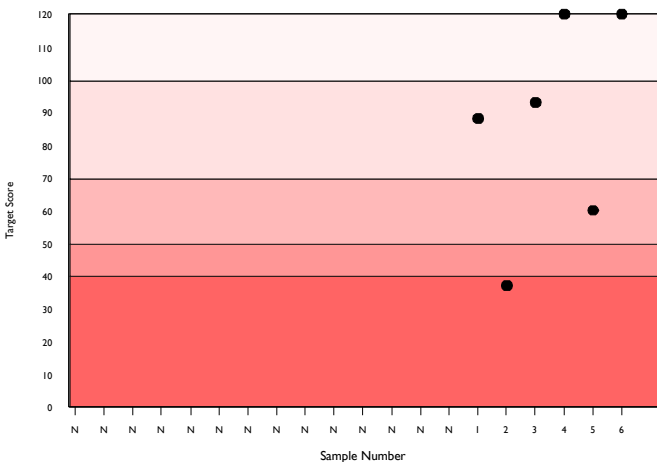
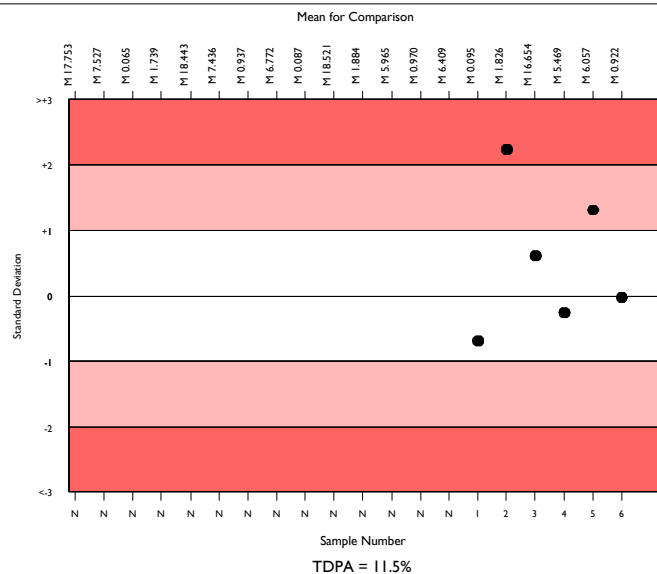
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	3325	1.079	12.6	0.00	0.08	264
Abbott Architect	351	0.922	6.3	0.00	0.06	31

▲ Your Result	0.920	SDI	-0.03
		RMSDI	Too Few
■ Mean for Comparison	0.922	TS	120
		RMTS	Too Few
		%DEV	-0.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.50%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	530	1.200	3.1	0.00
Roche Cobas 4000/e41 I	436	1.215	4.3	0.00
Abbott Architect	351	0.922	6.3	0.00
Roche Cobas e402/e80 I	306	1.121	2.7	0.00
Abbott Alinity i	293	0.934	3.2	0.00
Beckman DXI600/800/ Access 2 (3rd IS)	261	0.953	4.8	0.00
Siemens Atellica IM	127	1.025	4.2	0.00
SNIBE Maglumi analysers	105	1.072	6.0	0.01
Mindray CL 8000i/6000i/2000i/1200i/1000i	79	1.452	5.1	0.01
AccessLXi725 hyper TSH 3rd gen	76	0.976	4.5	0.01
Ortho Vitros 3600/5600/ECI/XT 7600	71	1.057	5.3	0.01
Tosoh AIA Series	65	1.700	9.6	0.03
Siemens Centaur XP TSH3-Ultra	58	1.035	4.8	0.01
bioMerieux, VIDAS, TSH	61	1.044	6.2	0.01
Siemens Centaur XP/XPT	61	1.161	11.4	0.02
Roche Elecsys	39	1.230	3.1	0.01
Ortho Vitros TSH3	39	1.054	4.4	0.01
DiaSorin Liaison XL	37	1.513	3.0	0.01
Beckman Dxl 600/800 1st generation	33	0.932	4.8	0.01
Siemens/DPC Immulite 2000/2500	33	1.053	7.6	0.02
Beckman Dxl 600/800 Hyper TSH	25	0.952	3.7	0.01

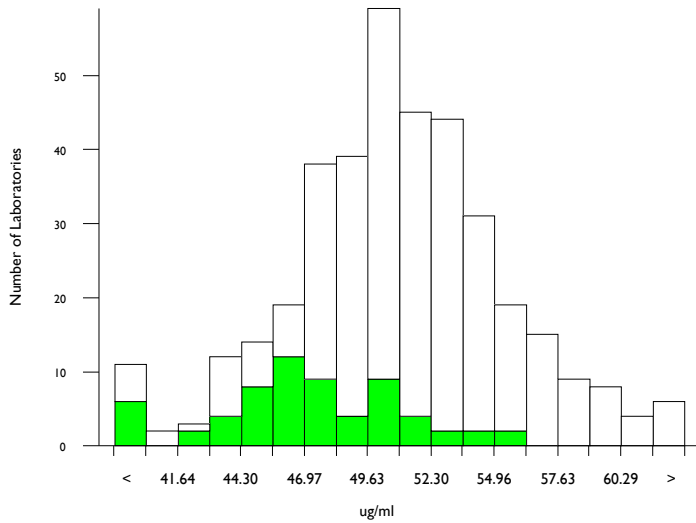


# Valproic acid, ug/ml

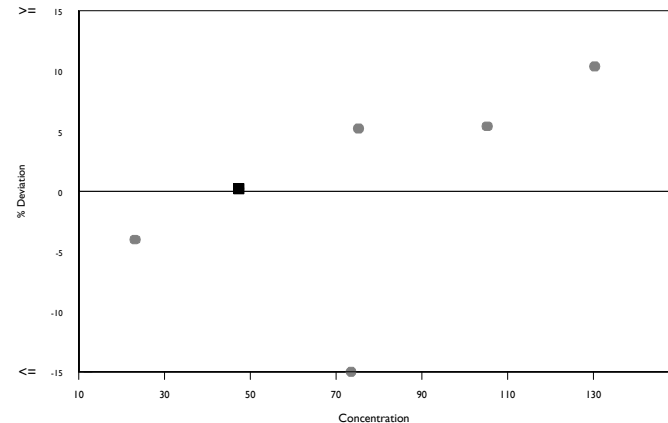
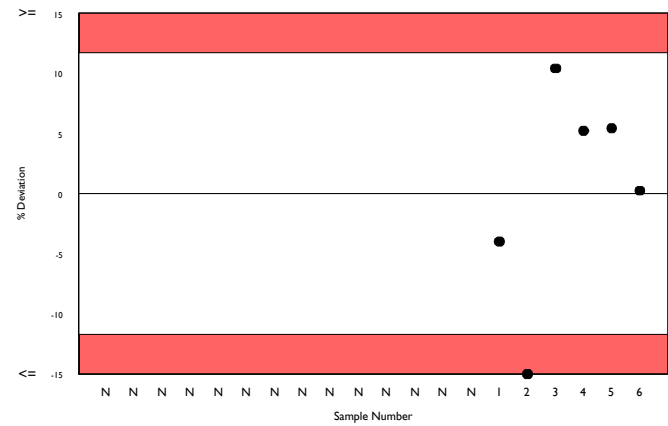
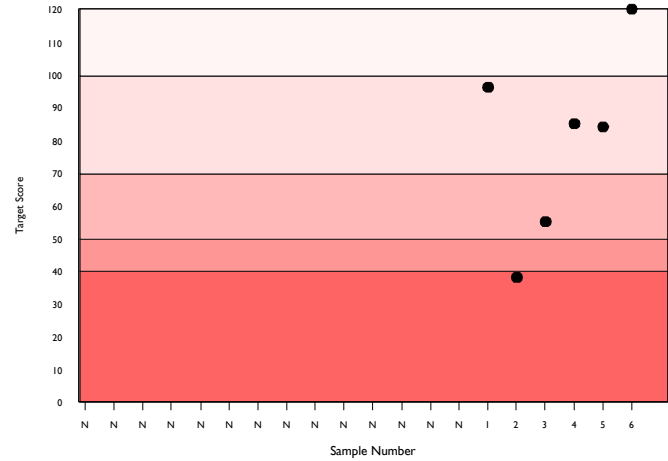
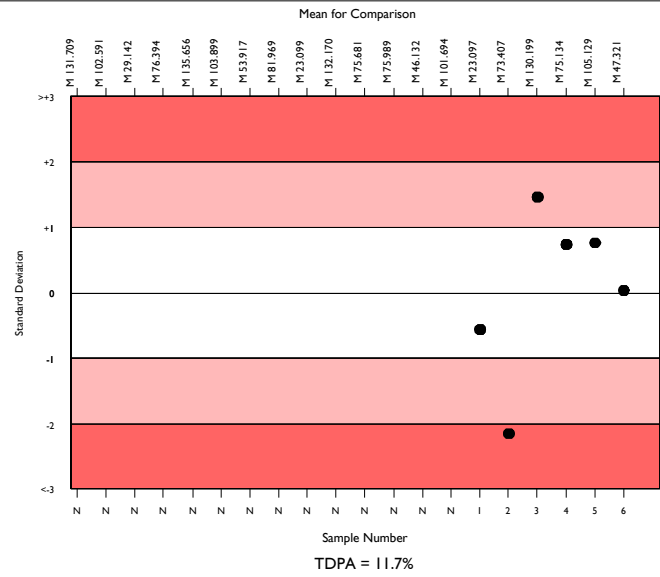
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	349	50.970	7.0	0.24	3.63	29
Abbott Architect (CMIA)	59	47.321	6.9	0.53	3.37	5

▲ Your Result	47.430	SDI	0.03
		RMSDI	Too Few
■ Mean for Comparison	47.321	TS	120
		RMTS	Too Few
		%DEV	0.2
		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 <sub>m</sub>
Roche Cobas 6000/8000	83	50.220	5.4	0.37
Abbott Architect (CMIA)	59	47.321	6.9	0.53
Abbott Alinity (PETINA)	44	50.642	4.3	0.41
Roche Integra	22	50.685	5.0	0.68
Beckman AU Instruments	22	54.319	7.3	1.06
Siemens Atellica CH	16	53.804	2.4	0.40
Siemens/DPC Immulite 2000/2500	16	49.719	6.5	1.01
Abbott Alinity (CMIA)	10	51.818	4.7	0.97
Siemens Centaur XP/XPT	11	55.494	4.6	0.96
Siemens Dimension	9	53.102	8.5	1.89
Ortho Vitros 4600/5600/5.1/XT 7600	8	51.996	8.1	1.87
Abbott Architect (PETINIA)	5	49.802	3.5	0.99
Siemens Advia 1200/1650/1800/2400	6	52.238	5.4	1.44
EMIT	6	55.201	11.2	3.17
Roche Cobas 4000/c31 I	6	52.467	6.1	1.64
Siemens Centaur CP	4	55.058	4.5	1.55
Siemens/DPC Immulite 1000	4	52.817	19.6	6.47
Beckman DxC	3	56.619	5.3	2.17
ELISA	3	49.933	1.4	0.52
Siemens Syva/Emit	2	58.498	6.0	3.12
GC/MS	2	51.385	0.0	0.02

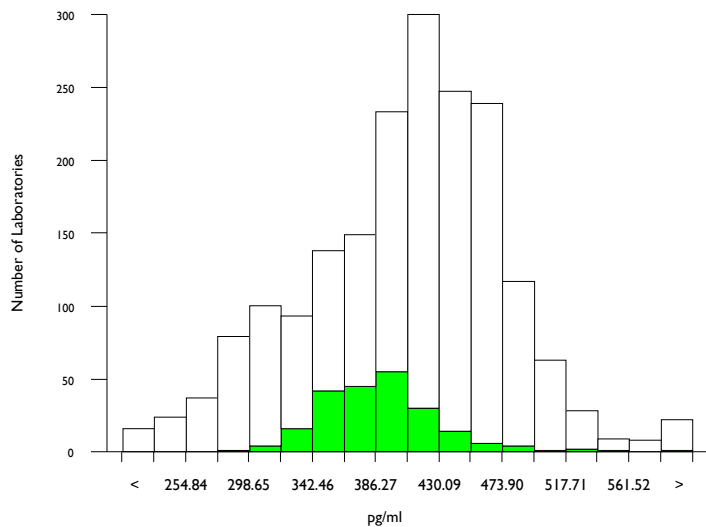


# Vitamin B12, pg/ml

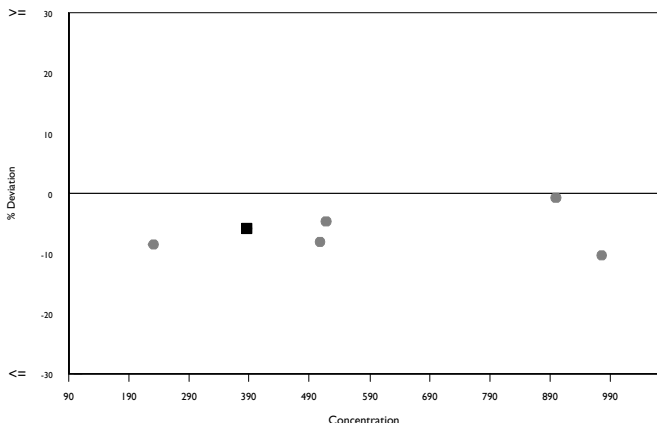
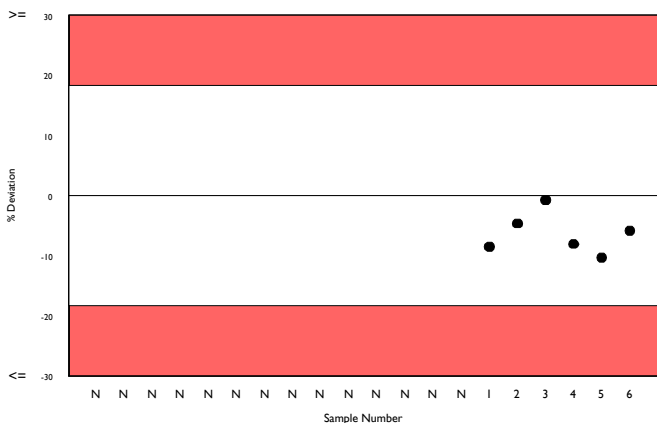
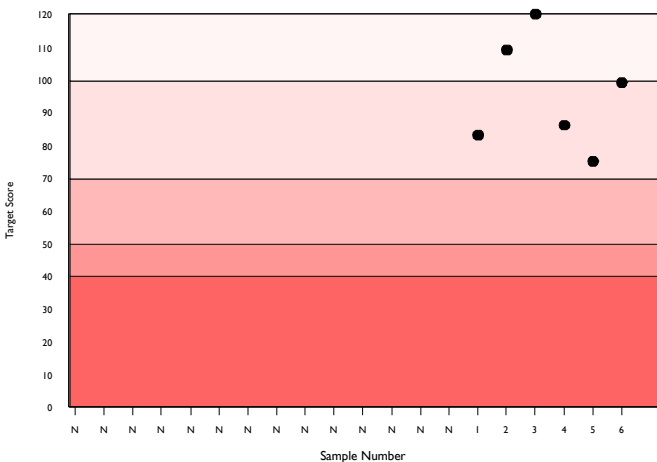
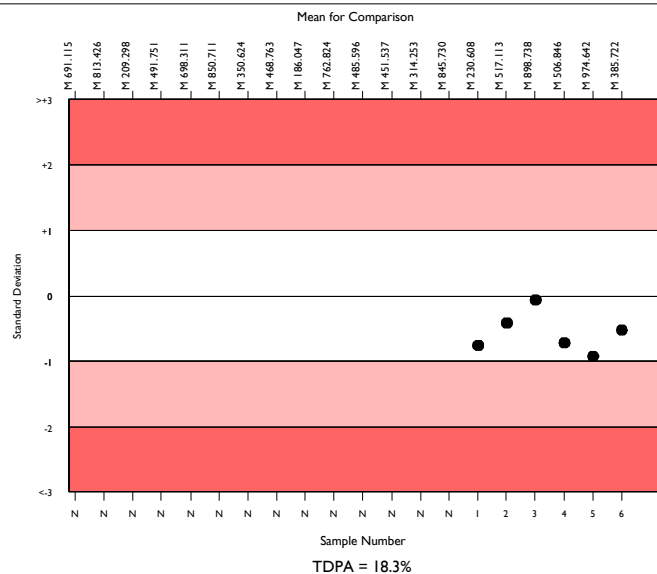
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1796	408.185	14.3	1.72	45.41	107
Abbott Architect	205	385.722	8.0	2.68	42.91	17

▲ Your Result	363.000	SDI	-0.53
		RMSDI	Too Few
■ Mean for Comparison	385.722	TS	99
		RMTS	Too Few
		%DEV	-5.9
		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 <sub>m</sub>
Roche Cobas e601/ 602 Gen II	259	450.033	5.5	1.94
Roche Cobas 4000/e41 I Gen II	239	449.921	9.0	3.29
Abbott Architect	205	385.722	8.0	2.68
Roche Cobas e801 Gen II	202	430.507	5.6	2.13
Abbott Alinity i	173	423.846	8.3	3.34
Beckman Dxl 600/800	127	301.737	6.9	2.30
Beckman Access/LXi725	83	320.460	8.2	3.63
Siemens Centaur XP/XPT	85	407.448	10.3	5.68
Siemens Atellica IM	71	413.956	7.7	4.71
Ortho Vitros 3600/5600/ECi/XT 7600	68	363.036	4.1	2.23
SNIBE Maglumi analysers	54	268.814	11.9	5.45
Mindray CL 8000i/6000i/2000i/1200i/1000i	47	438.804	6.5	5.20
Siemens/DPC Immulite 2000	28	331.804	8.7	6.79
Roche Elecsys	21	461.238	6.7	8.39
Tosoh AIA Series	20	507.527	11.4	16.24
DiaSorin Liaison XL	14	328.088	12.8	14.00
Siemens Dimension	9	358.329	2.3	3.45
Siemens Centaur CP	7	414.690	8.4	16.48
Mindray CL 900i	5	449.468	4.5	11.32
Lifotronic eCL	6	422.807	21.3	45.99
Tosoh AIA-CL Series	5	391.280	3.3	7.12

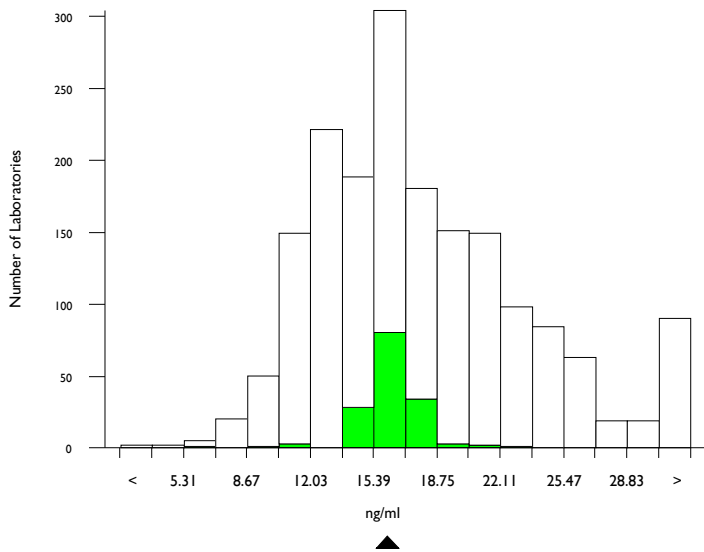


# 25-OH-Vitamin D, ng/ml

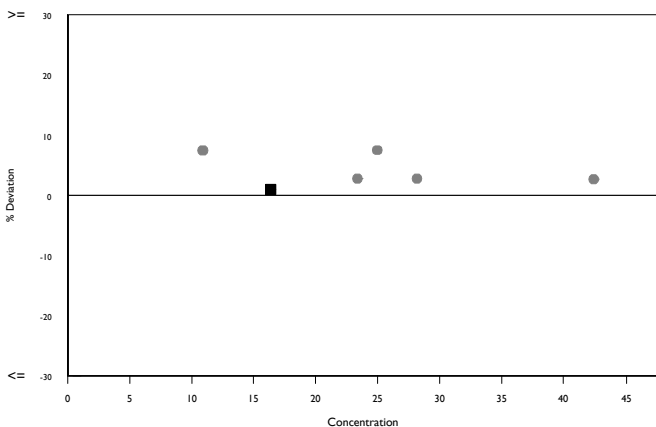
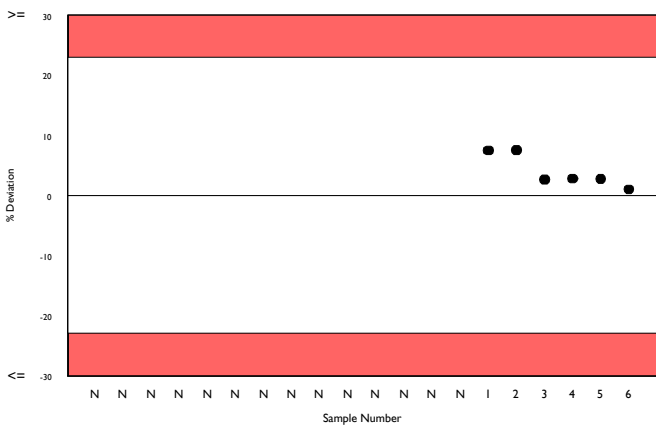
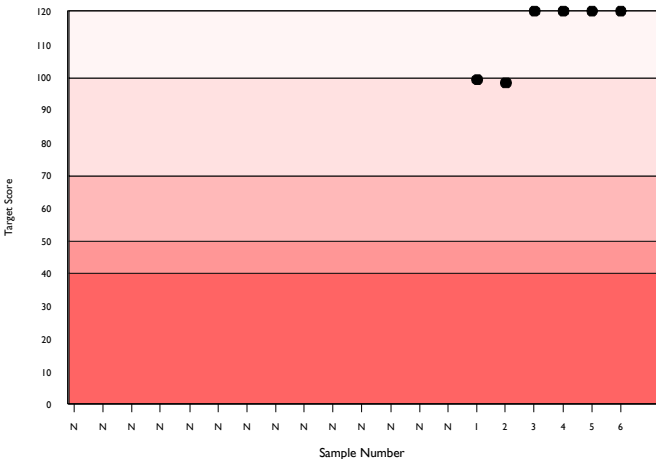
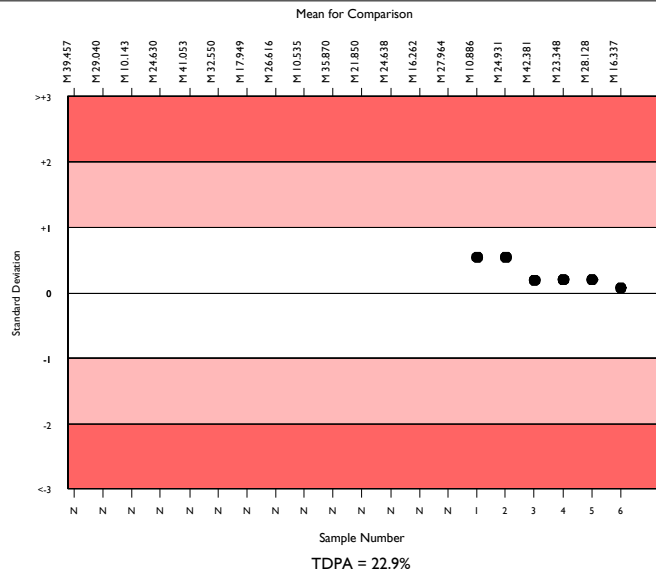
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1669	17.075	26.2	0.14	2.38	126
Abbott Architect (5P02)	138	16.337	5.8	0.10	2.27	15

▲ Your Result	16.500	SDI	0.07
		RMSDI	Too Few
■ Mean for Comparison	16.337	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	22.90%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Vitamin D Total	159	13.151	17.1	0.22
Abbott Alinity i	150	16.583	5.0	0.08
Roche Vitamin D Total III	145	12.893	15.4	0.21
Abbott Architect (5P02)	138	16.337	5.8	0.10
Roche Vitamin D Total II	129	13.306	16.5	0.24
Roche Vitamin D Total II e801	112	12.691	11.4	0.17
bioMerieux Vidas/mini Vidas/Vidas 3	79	21.609	10.1	0.31
SNIBE Maglumi Analyser	77	26.216	7.2	0.27
Beckman Access 25 OH Vitamin D Total	73	21.314	11.9	0.37
Beckman Dxl 600/800	77	19.652	14.3	0.40
Ortho Vitros 3600/5600/ECi/XT 7600	70	37.944	9.5	0.54
DiaSorin Liaison XL	60	21.175	8.4	0.29
Siemens Atellica IM	62	21.741	10.4	0.36
Abbott Architect (3L52)	54	16.307	5.4	0.15
Siemens Centaur XP/XPXT	54	21.424	13.9	0.51
Roche Vitamin D Total III e402/e801	52	12.802	10.2	0.23
Mindray CL 8000i/6000i/2000i/1200i/1000i	44	20.769	10.6	0.42
DiaSorin, Liaison	18	22.921	12.1	0.82
Tosoh AIA Series	18	18.757	11.2	0.62
ELISA	6	20.550	33.7	3.53
Tosoh AIA-CL Series	8	18.465	11.4	0.93



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	8.434	No Result		Too Few		Too Few	N/A	N/A	
AFP	23.480	22.730	-0.39	Too Few	-3.2	Too Few	112	Too Few	
Beta-2-Microglobulin	1.581	1.510	-0.50	Too Few	-4.5	Too Few	102	Too Few	
CA 125	51.818	54.600	0.65	Too Few	5.4	Too Few	90	Too Few	
CA 15-3	31.105	32.700	0.53	Too Few	5.1	Too Few	99	Too Few	
CA 19-9	61.061	57.790	-0.51	Too Few	-5.4	Too Few	101	Too Few	
Carbamazepine	6.120	5.160	-1.88	Too Few	<b>-15.7</b>	Too Few	<b>44</b>	Too Few	
CEA	18.137	18.520	0.32	Too Few	2.1	Too Few	120	Too Few	
Cortisol	14.831	15.000	0.14	Too Few	1.1	Too Few	120	Too Few	
DHEA-S	222.098	211.000	-0.60	Too Few	-5.0	Too Few	93	Too Few	
Digoxin	1.359	1.420	0.44	Too Few	4.5	Too Few	104	Too Few	
Ferritin	61.285	66.560	1.00	Too Few	8.6	Too Few	71	Too Few	
Folate	3.133	3.100	-0.08	Too Few	-1.1	Too Few	120	Too Few	
FSH	17.872	17.350	-0.42	Too Few	-2.9	Too Few	109	Too Few	
hCG	29.184	26.370	-1.27	Too Few	-9.6	Too Few	61	Too Few	
IgE	164.748	143.370	-1.55	Too Few	-13.0	Too Few	53	Too Few	
Insulin	7.675	7.600	-0.10	Too Few	-1.0	Too Few	120	Too Few	
LH	16.301	13.460	<b>-2.41</b>	Too Few	<b>-17.4</b>	Too Few	<b>33</b>	Too Few	▲
Oestradiol	195.446	172.580	-1.46	Too Few	-11.7	Too Few	55	Too Few	
17-OH-Progesterone	2.157	2.210	0.13	Too Few	2.4	Too Few	120	Too Few	
Phenobarbital	14.184	15.160	0.81	Too Few	6.9	Too Few	80	Too Few	
Progesterone	5.669	5.180	-0.90	Too Few	-8.6	Too Few	76	Too Few	
Prolactin	19.760	18.970	-0.55	Too Few	-4.0	Too Few	97	Too Few	
PSA, Free	6.339	6.340	0.00	Too Few	0.0	Too Few	120	Too Few	
PSA, Total	5.079	5.170	0.24	Too Few	1.8	Too Few	120	Too Few	
Parathyroid hormone	330.744	333.000	0.06	Too Few	0.7	Too Few	120	Too Few	
Free T3	5.044	5.000	-0.12	Too Few	-0.9	Too Few	120	Too Few	
Free T4	1.288	1.380	1.00	Too Few	7.1	Too Few	72	Too Few	
Free Testosterone (Pilot)	7.816	6.320	-1.83	Too Few	-19.1	Too Few	N/A	N/A	
Testosterone	2.128	1.500	<b>-3.30</b>	Too Few	<b>-29.5</b>	Too Few	<b>20</b>	Too Few	▲
Thyroglobulin	20.949	19.900	-0.49	Too Few	-5.0	Too Few	102	Too Few	
TSH	0.922	0.920	-0.03	Too Few	-0.2	Too Few	120	Too Few	
Valproic acid	47.321	47.430	0.03	Too Few	0.2	Too Few	120	Too Few	
Vitamin B12	385.722	363.000	-0.53	Too Few	-5.9	Too Few	99	Too Few	
25-OH-Vitamin D	16.337	16.500	0.07	Too Few	1.0	Too Few	120	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A