

Laboratorio Emotest s.r.l.

# MONTHLY IMMUNOASSAY

CYCLE 21 SAMPLE 2

## Explanation of codes used in this report

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

Authorised by: Stephen Doherty, RIQAS Manager

Issue No: 1

Issue Date: 02/03/2023

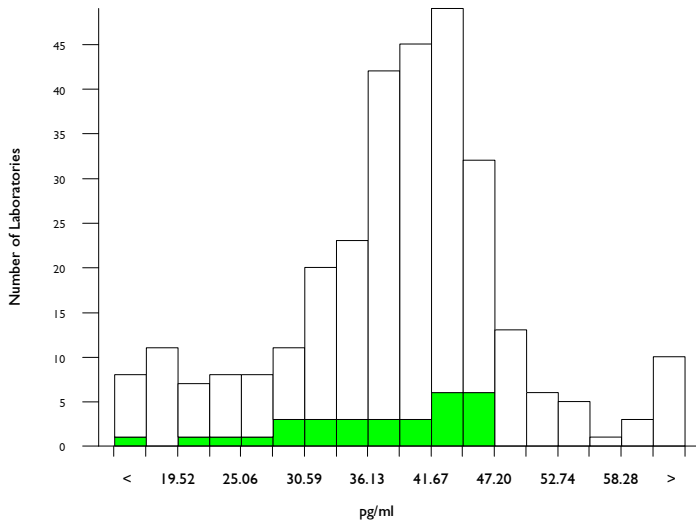
Randox Laboratories Limited  
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# ACTH, pg/ml

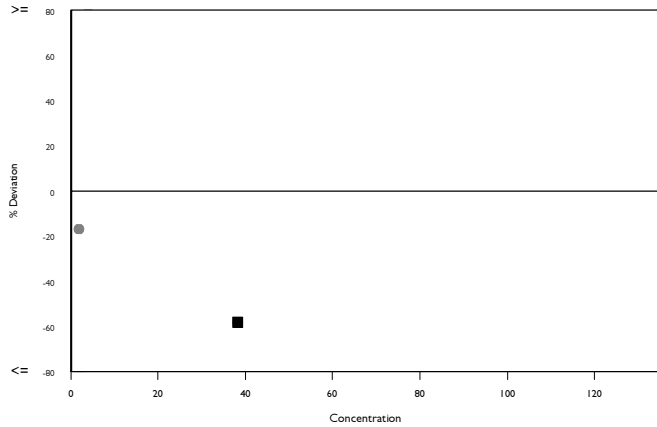
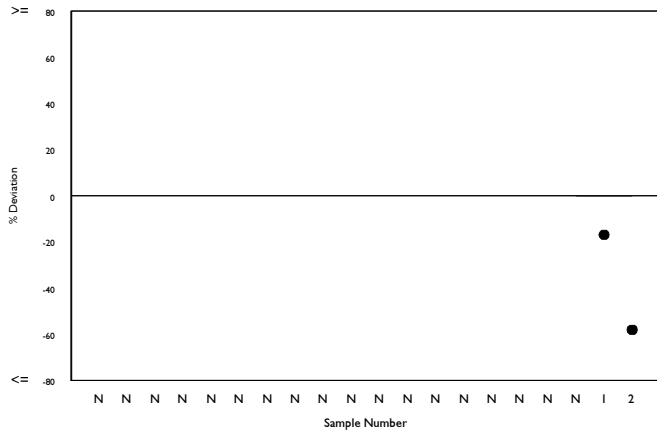
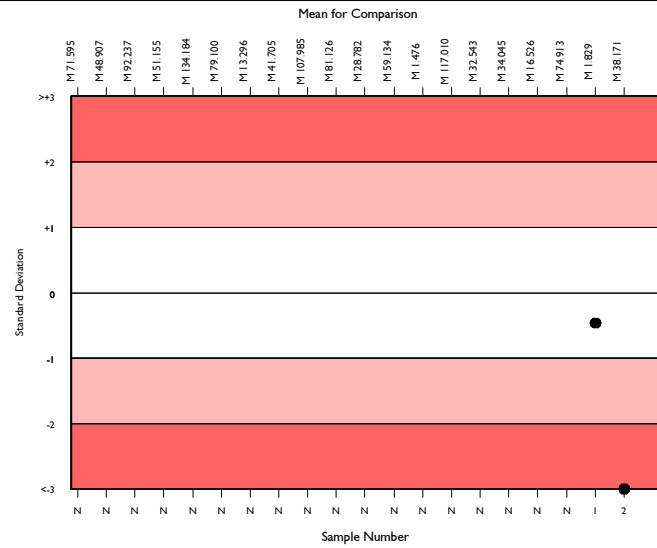
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
<input type="checkbox"/> All Methods	272	38.903	19.0	0.56	7.38	32
<input checked="" type="checkbox"/> SNIBE Maglumi analysers	29	38.171	17.4	1.54	6.63	2

<input checked="" type="checkbox"/> Your Result	16.000	SDI	-3.34
		RMSDI	Too Few
<input checked="" type="checkbox"/> Mean for Comparison	38.171	TS	N/A
		RMTS	N/A
		%DEV	-58.1
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 4000/e411	64	38.656	17.9	1.08
Siemens/DPC Immulite 2000/2500	50	41.442	8.9	0.65
Roche Cobas e601 / 602	40	38.815	20.3	1.56
Roche Cobas e402/e801	37	36.134	14.6	1.09
SNIBE Maglumi analysers	29	38.171	17.4	1.54
DiaSorin Liaison XL	16	59.239	15.7	2.91
Tosoh AIA Series	5	40.460	12.8	2.89
DIAsource IRMA	5	41.184	15.7	3.61
Tosoh AIA-CL Series	5	39.140	27.8	6.09
Siemens/DPC Immulite 1000	4	35.250	8.6	1.91
Roche Elecsys	4	38.495	13.2	3.19
DiaSorin, Liaison	3	42.123	28.4	8.63
Mindray CL 8000i/6000i/2000i/1200i/1000i	4	46.923	11.1	3.26
AutoBio CLIA	2	34.905	22.3	6.88
DRG ELISA	2	49.700	13.7	6.00
Mindray CL 900i	2	50.909	1.0	0.45

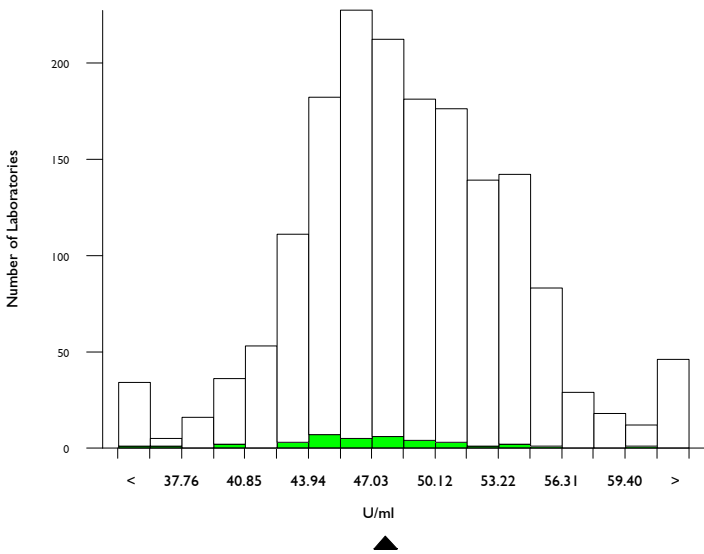


# AFP, U/ml

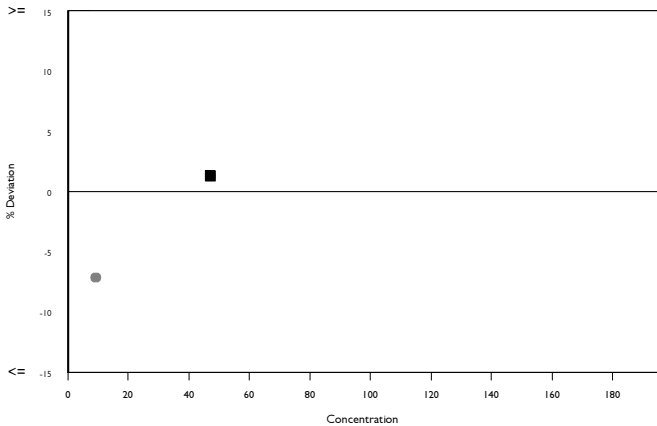
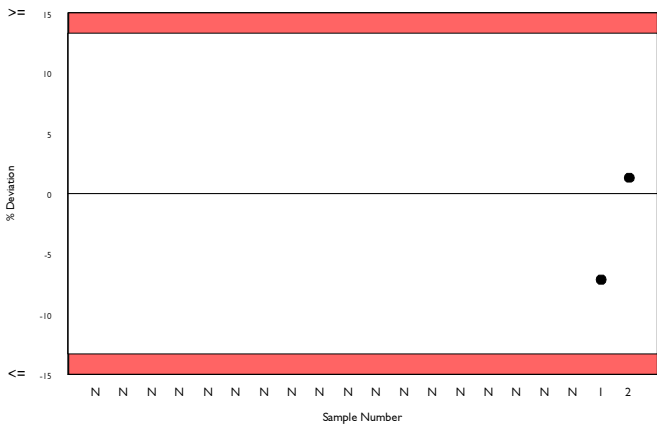
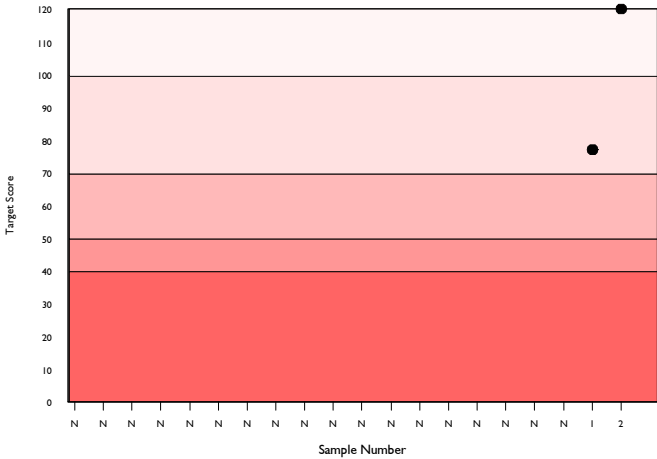
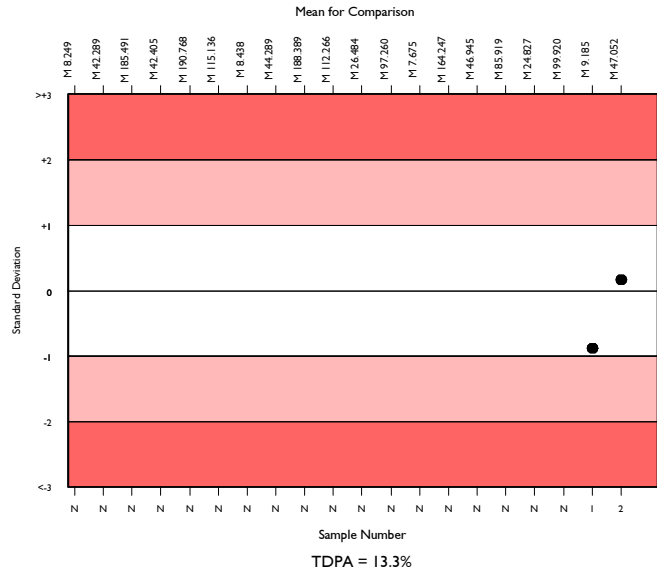
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1585	48.583	8.5	0.13	3.93	119
bioMerieux, Vidas/Mini Vidas	33	47.052	7.6	0.78	3.80	4

▲ Your Result	47.670	SDI	0.16
		RMSDI	Too Few
■ Mean for Comparison	47.052	TS	120
		RMTS	Too Few
		%DEV	1.3
		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	245	50.864	4.9	0.20
Abbott Architect	203	45.682	4.0	0.16
Roche Cobas 4000/e411	173	52.167	7.0	0.35
Abbott Alinity i	150	45.822	3.2	0.15
Roche Cobas e402/e801	147	50.070	3.9	0.20
Beckman Dxl 600/800	118	43.473	7.7	0.38
Siemens Atellica IM	69	52.281	5.8	0.45
Beckman Access/LXi725	62	45.820	8.3	0.61
Siemens Centaur XP/XPT	51	52.965	5.9	0.54
Ortho Vitros 3600/5600/ECi/ XT 7600	46	46.472	7.9	0.67
SNIBE Maglumi analysers	38	49.286	8.3	0.82
bioMerieux, Vidas/Mini Vidas	33	47.052	7.6	0.78
Siemens/DPC Immulite 2000/2500	31	47.918	4.6	0.50
Mindray CL 8000i/6000i/2000i/1200i/1000i	26	46.422	6.3	0.71
Tosoh AIA Series	21	45.976	7.5	0.94
Roche Elecsys	23	52.033	10.4	1.40
DiaSorin Liaison XL	21	50.926	8.5	1.18
Siemens Centaur CP	14	54.496	9.5	1.72
Immunotech IRMA	11	51.228	7.5	1.45
Tosoh AIA-CL Series	9	42.090	4.2	0.73
Siemens/DPC Immulite 1000	8	55.590	21.3	5.24

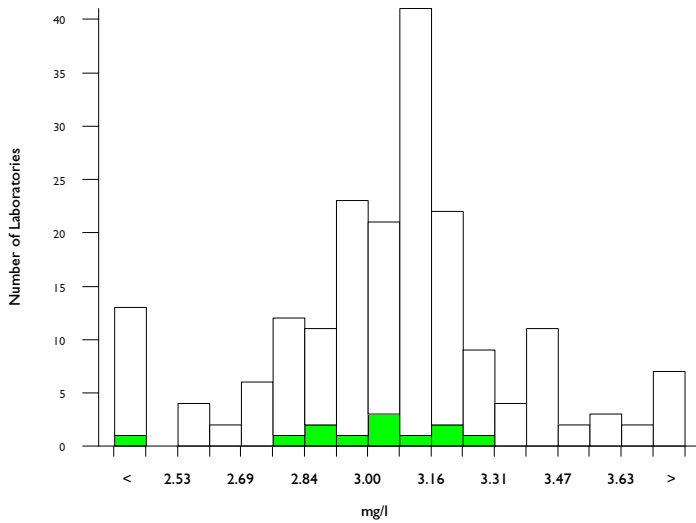


# Beta-2-Microglobulin, mg/l

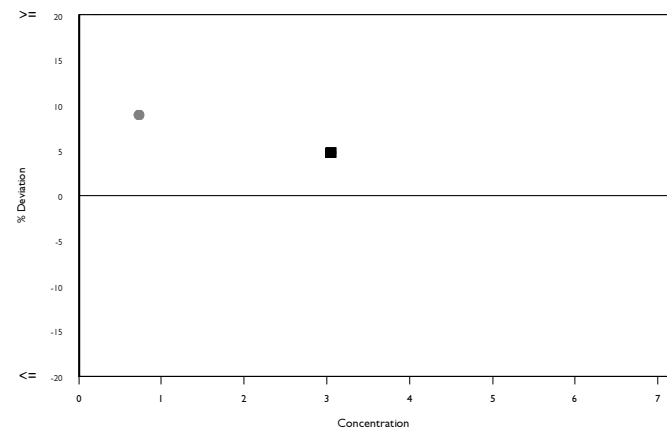
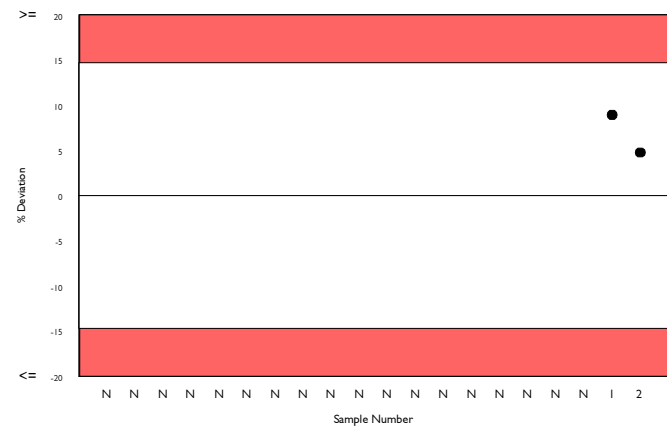
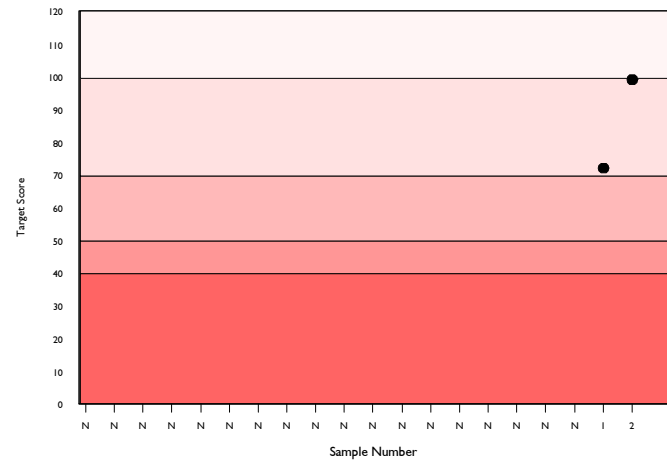
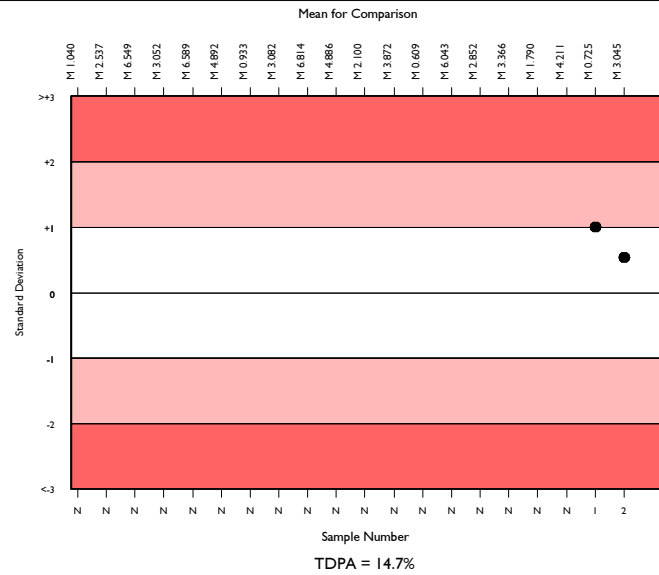
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	171	3.084	6.8	0.02	0.28	22
Abbott Architect	11	3.045	4.8	0.05	0.27	1

▲ Your Result	3.190	SDI	0.53
		RMSDI	Too Few
■ Mean for Comparison	3.045	TS	99
		RMTS	Too Few
		%DEV	4.8
		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	33	3.121	2.5	0.02
bioMerieux, VIDAS	22	3.472	7.3	0.07
Siemens/DPC Immulite 2000/2500	22	2.835	10.0	0.08
Abbott Alinity	16	3.131	1.9	0.02
Siemens Atellica CH	10	3.082	2.1	0.03
SNIBE Maglumi analysers	11	2.867	3.0	0.03
Abbott Architect	11	3.045	4.8	0.05
Siemens/Behring Nephelometer	9	2.988	10.1	0.13
Tosoh AIA Series	6	3.396	9.4	0.16
Tosoh AIA-CL Series	6	3.028	2.2	0.03
Beckman AU Instruments	5	3.064	6.6	0.11
DiaSorin, Liaison	4	2.961	7.2	0.13
DiaSorin Liaison XL	4	2.490	24.0	0.37
Roche Tinaquant	3	3.080	2.6	0.06
Binding Site Optilite	3	3.151	5.7	0.13
Roche Elecsys	2	3.010	4.2	0.11
Roche Cobas 4000/c311	2	2.920	24.7	0.64



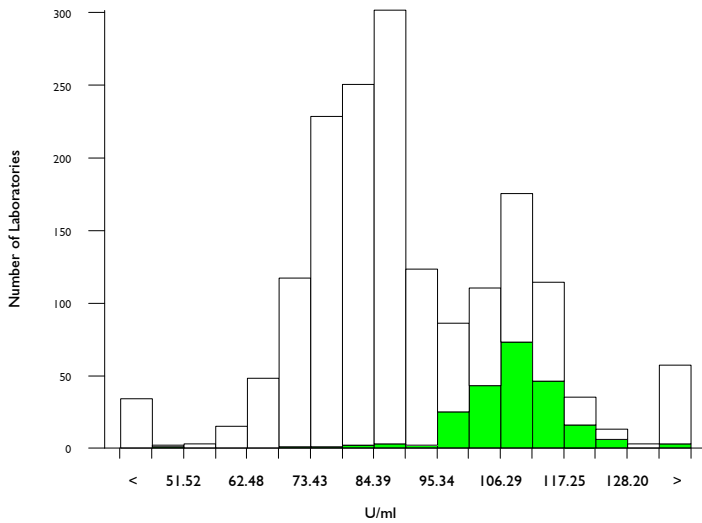
# CA 125, U/ml

- All Methods
- Abbott Architect

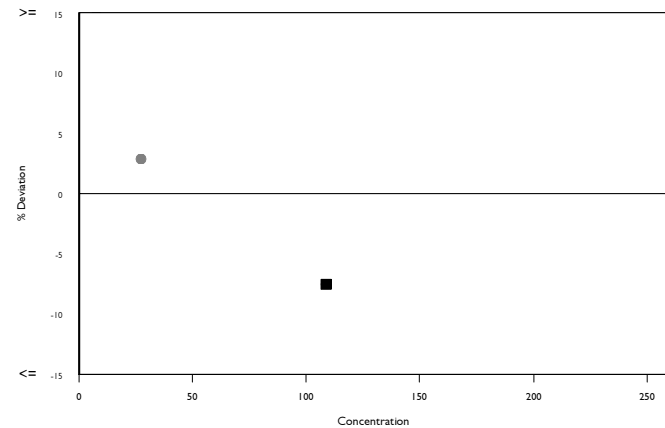
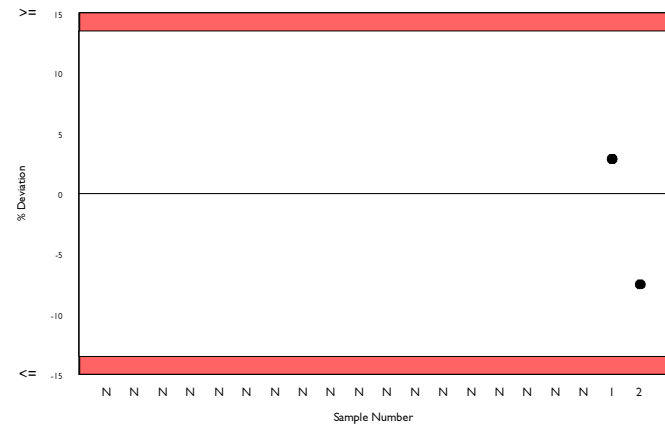
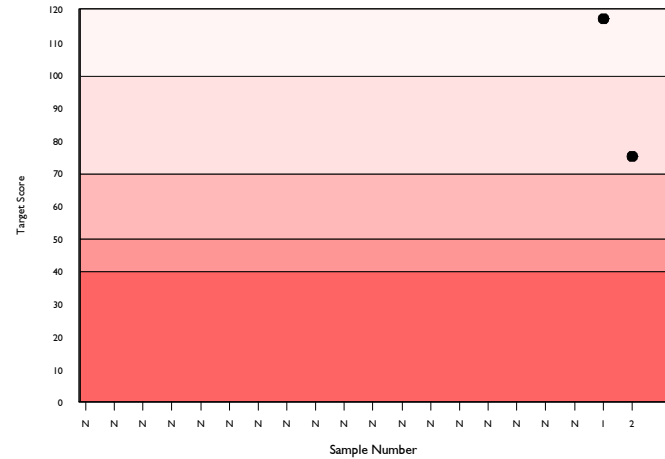
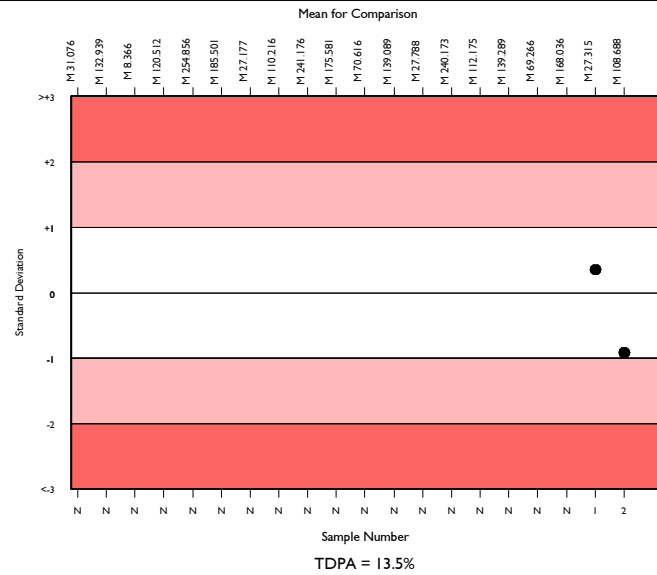
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1607	89.868	16.3	0.46	7.38	108
Abbott Architect	204	108.688	5.4	0.52	8.92	19

<span style="color: green;">▲</span> Your Result	100.500	SDI	-0.92
		RMSDI	Too Few
<span style="color: green;">■</span> Mean for Comparison	108.688	TS	75
		RMTS	Too Few
		%DEV	-7.5
		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	266	85.005	4.3	0.28
Abbott Architect	204	108.688	5.4	0.52
Roche Cobas 4000/e411	193	86.490	6.0	0.46
Abbott Alinity	154	110.925	4.0	0.44
Roche Cobas e402/e801	150	78.285	4.0	0.32
Beckman Dxl 600/800	104	70.808	5.5	0.48
Siemens Atellica IM	66	105.522	4.5	0.72
bioMerieux, VIDAS	55	87.858	5.2	0.77
Beckman Access/LXi725	55	72.679	5.5	0.68
Ortho Vitros 3600/5600/ECi/XT 7600	52	82.311	3.9	0.56
SNIBE Maglumi analysers	38	73.020	4.7	0.70
Centaur XP/XPT CA125 II Kit	39	94.404	6.8	1.28
Mindray CL 8000i/6000i/2000i/1200i/1000i	27	142.070	4.7	1.59
Tosoh AIA Series	22	156.861	6.2	2.58
Roche Elecsys	21	86.964	7.3	1.73
Siemens/DPC Immulite 2000/2500	20	73.558	7.0	1.44
DiaSorin Liaison XL	18	107.772	6.3	2.00
Siemens Centaur CP CA125 II Kit	13	91.947	7.7	2.47
Siemens Centaur XP/XPT OV Kit	13	87.646	6.5	1.97
Siemens/DPC Immulite 1000	6	86.033	9.8	4.28
Tosoh AIA-CL Series	7	95.329	4.0	1.80

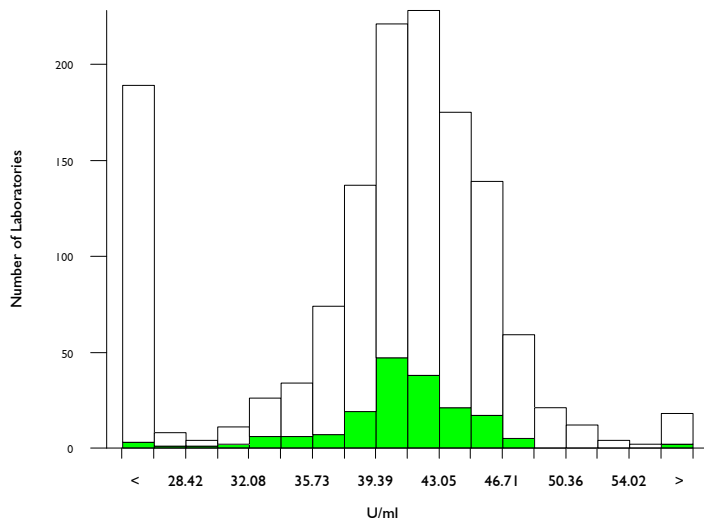


# CA 15-3, U/ml

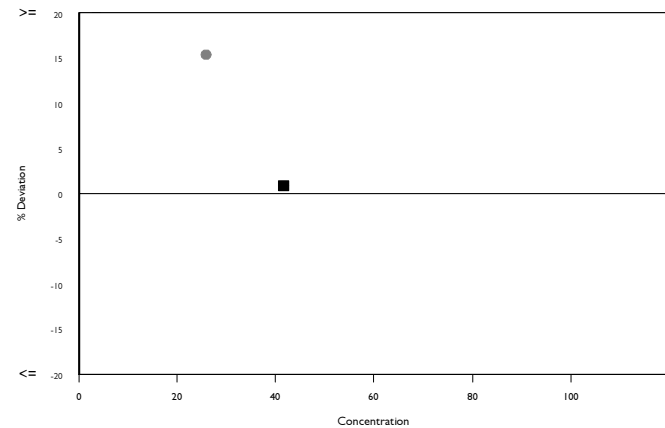
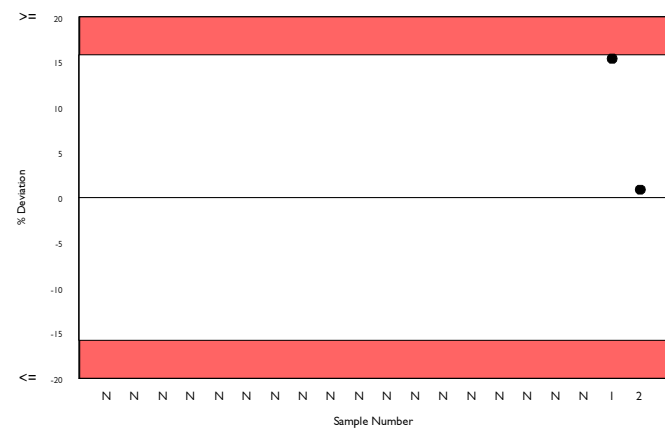
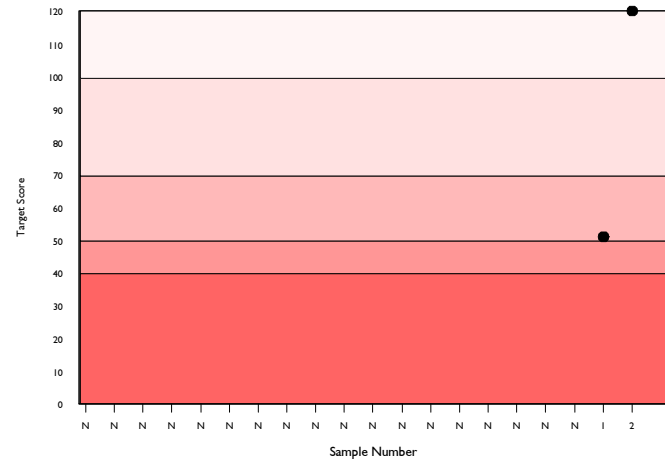
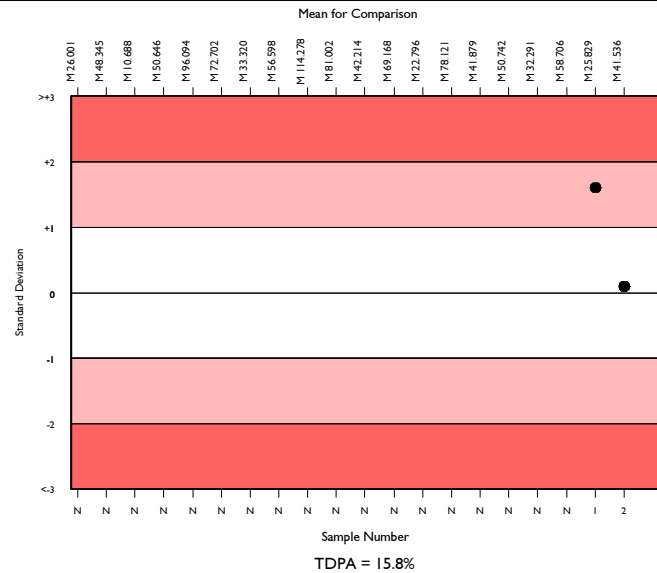
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1183	41.226	11.8	0.18	3.96	180
Abbott Architect	159	41.536	6.8	0.28	3.99	17

▲ Your Result	41.900	SDI	0.09
		RMSDI	Too Few
■ Mean for Comparison	41.536	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	15.80%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	221	43.719	6.1	0.22
Abbott Architect	159	41.536	6.8	0.28
Roche Cobas 4000/e411	148	43.262	7.4	0.33
Roche Cobas e402/e801	131	42.310	4.4	0.20
Abbott Alinity i	123	40.355	5.5	0.25
Beckman Dxl 600/800	88	19.336	5.9	0.15
Siemens Atellica IM	57	39.988	4.7	0.31
Siemens Centaur XP/XPT	44	38.879	9.0	0.66
BioMerieux VIDAS	36	39.396	7.0	0.57
Beckman Access/LXi725	34	19.288	4.0	0.17
SNIBE Maglumi analysers	30	50.610	11.2	1.30
Ortho Vitros 3600/5600/ECi/XT 7600	30	38.054	8.0	0.69
Mindray CL 8000i/6000i/2000i/1200i/1000i	21	20.922	7.2	0.41
Siemens/DPC Immulite 2000/2500	19	39.545	12.9	1.46
Tosoh AIA Series	17	45.266	8.8	1.21
Roche Elecsys	15	43.817	6.5	0.92
DiaSorin Liaison XL	12	39.489	8.9	1.27
Tosoh AIA-CL Series	7	39.000	3.5	0.64
Immunotech IRMA	8	40.649	6.3	1.14
Siemens Centaur CP	6	36.763	14.1	2.65
Siemens/DPC Immulite 1000	5	47.720	11.4	3.04

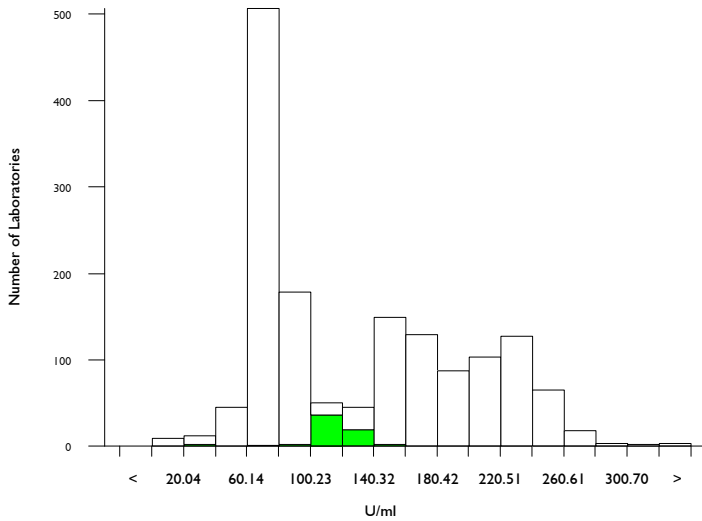


# CA 19-9, U/ml

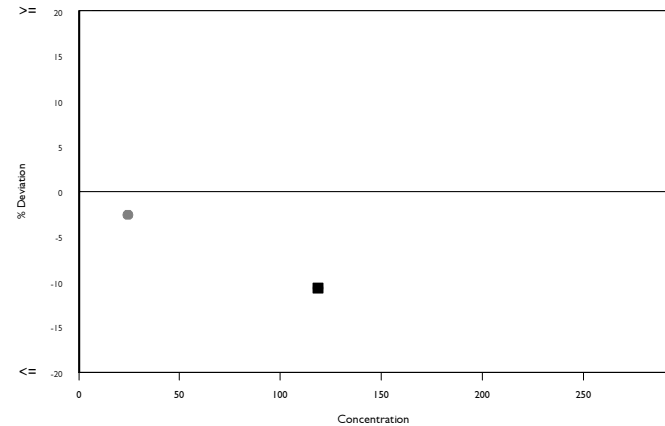
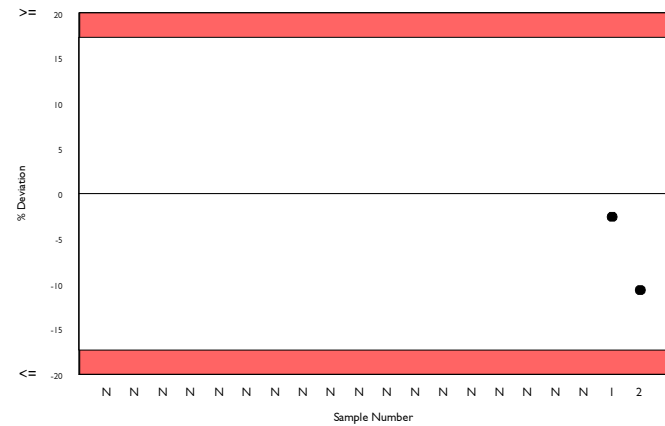
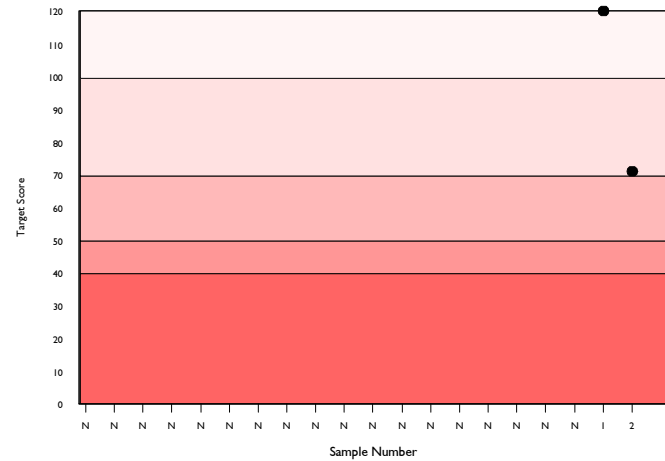
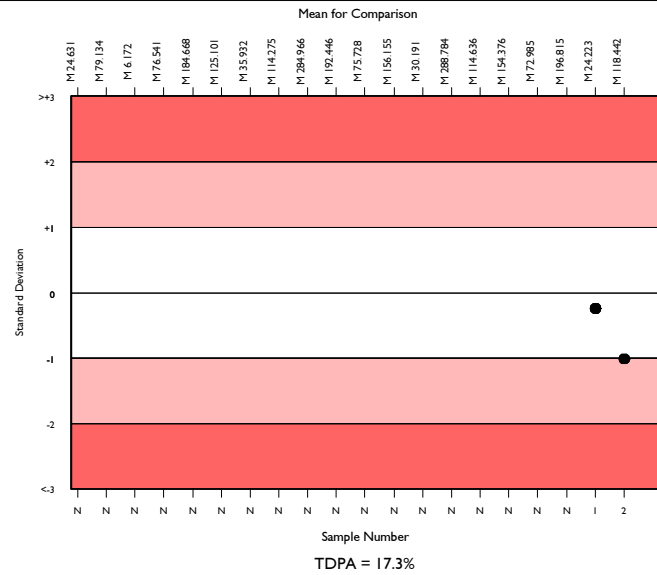
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1507	130.505	48.6	2.04	13.73	24
bioMerieux, VIDAS	55	118.442	4.9	0.98	12.46	7

▲ Your Result	105.800	SDI RMSDI	-1.01 Too Few
■ Mean for Comparison	118.442	TS RMTS	71 Too Few
		%DEV RM%DEV	-10.7 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	253	76.699	4.4	0.26
Abbott Architect XR	175	224.282	8.7	1.84
Roche Cobas 4000/e411	167	77.577	7.0	0.52
Abbott Alinity XR	129	233.727	6.4	1.65
Roche Cobas e402/e801	130	77.714	4.8	0.41
Beckman Dxl 600/800	104	158.016	5.4	1.04
Siemens Atellica IM	64	194.828	6.3	1.91
bioMerieux, VIDAS	55	118.442	4.9	0.98
Siemens Centaur XP/XPT	47	169.804	5.8	1.79
Ortho Vitros 3600/5600/ECi/XT 7600	45	154.447	4.7	1.35
Beckman Access/LXi725	45	172.217	7.1	2.27
SNIBE Maglumi analysers	31	57.492	11.1	1.43
Tosoh AIA Series	23	64.867	9.2	1.56
Mindray CL 8000i/6000i/2000i/1200i/1000i	18	69.187	4.4	0.90
Siemens/DPC Immulite 2000/2500	18	139.194	7.9	3.23
Roche Elecsys	19	79.243	11.0	2.50
DiaSorin Liaison XL	12	136.553	8.6	4.24
Siemens Centaur CP	9	134.808	17.3	9.73
Tosoh AIA-CL Series	8	81.900	7.2	2.59
Izotop RIA	6	98.727	3.3	1.66
Immunotech IRMA	5	43.816	16.4	4.01

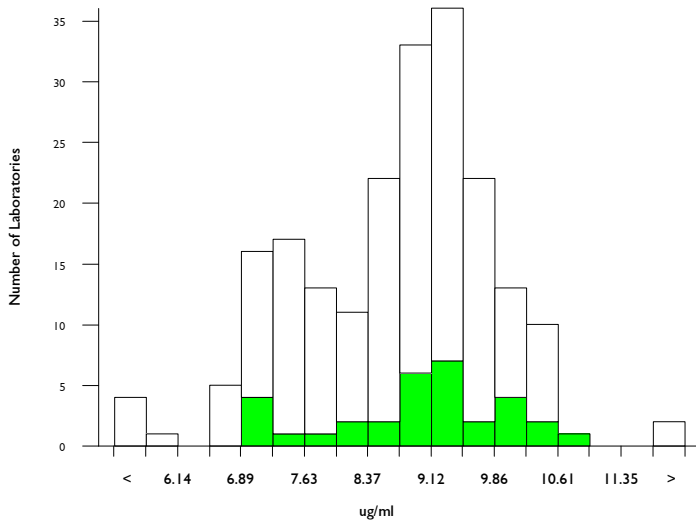


# Carbamazepine, ug/ml

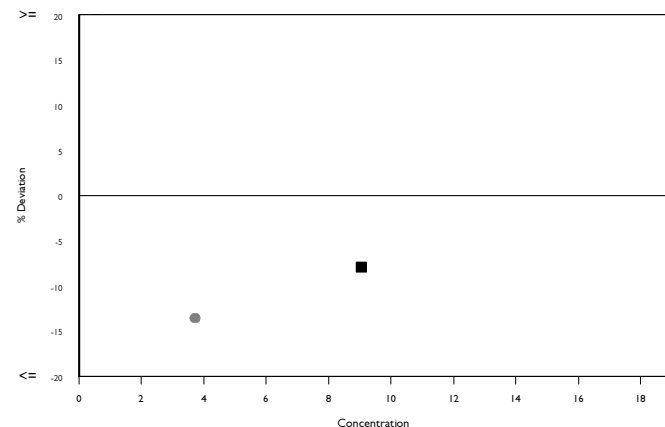
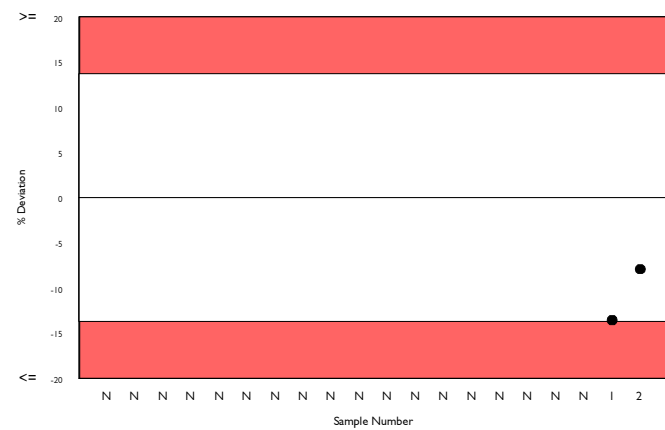
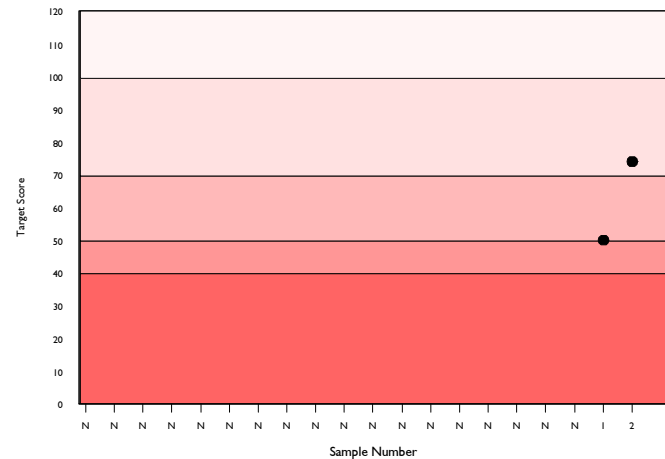
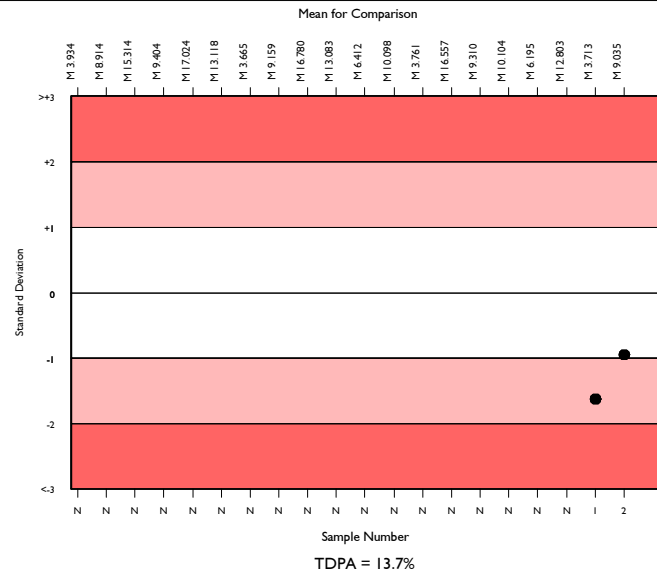
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	199	8.751	11.3	0.09	0.73	8
Abbott Architect (CMIA)	31	9.035	10.8	0.22	0.75	1

▲ Your Result	8.320	SDI	-0.95
		RMSDI	Too Few
■ Mean for Comparison	9.035	TS	74
		RMTS	Too Few
		%DEV	-7.9
		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 <sub>m</sub>
Roche Cobas 6000/8000	58	9.244	4.5	0.07
Abbott Architect (CMIA)	31	9.035	10.8	0.22
Abbott Alinity (PETINA)	27	7.543	6.2	0.11
Roche Integra	15	9.234	5.4	0.16
Beckman AU Instruments	13	9.303	7.7	0.25
Siemens/DPC Immulite 2000/2500	7	7.821	5.5	0.20
Siemens Centaur XP/XPT	5	8.832	3.1	0.15
Abbott Architect (PETINIA)	5	7.280	5.7	0.23
Abbott Alinity (CMIA)	3	7.240	8.2	0.43
EMIT	4	9.881	6.7	0.41
Roche Cobas 4000/c311	4	8.388	12.5	0.65
Siemens Atellica CH	4	7.265	3.0	0.13
Siemens Dimension	3	7.531	16.8	0.91
Beckman DxC	3	8.670	5.4	0.34
Vitros	3	11.400	16.7	1.38
Siemens ADVIA 1200/1650/1800/2400	2	9.159	10.0	0.81
Siemens/DPC Immulite 1000	2	9.504	12.0	1.00
GC/MS	2	5.600	0.0	0.00





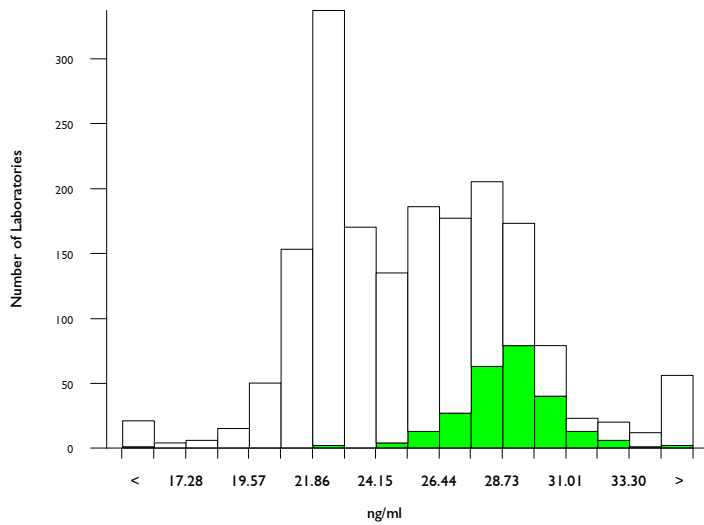
# CEA, ng/ml

- All Methods
- Abbott Architect

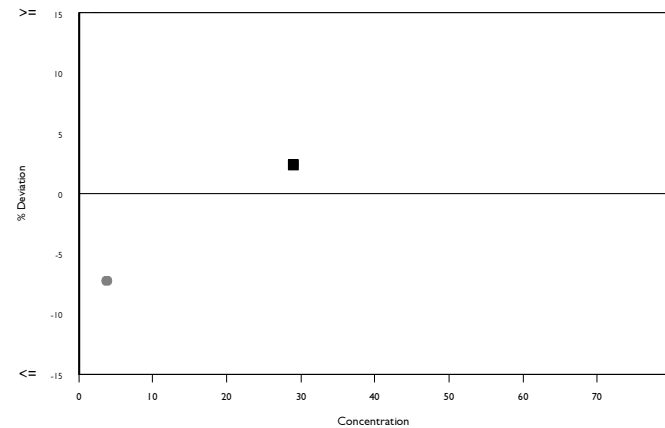
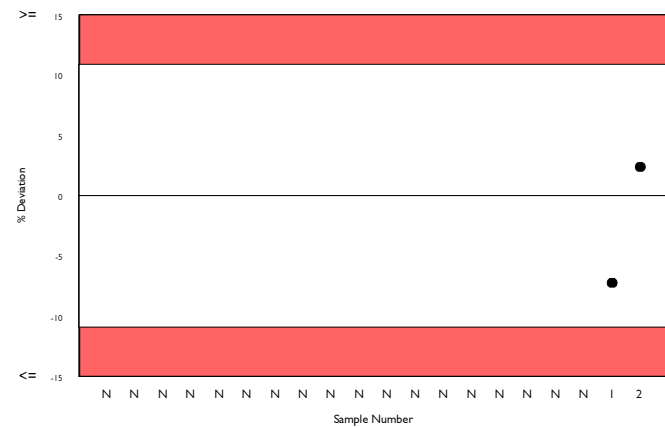
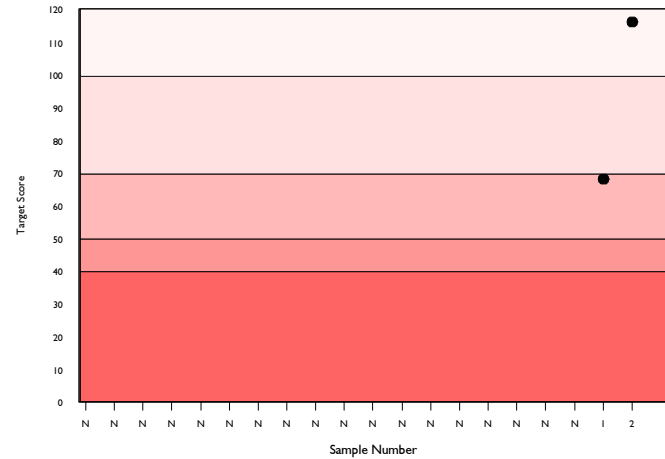
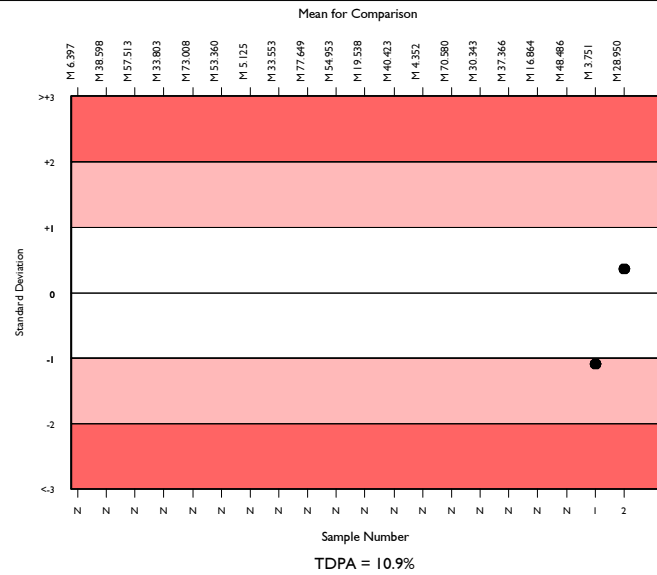
N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
1713	25.296	12.1	0.09	1.68	110
230	28.950	4.5	0.11	1.92	22

<span style="color: green;">▲</span> Your Result	29.640	SDI	0.36
		RMSDI	Too Few
<span style="color: green;">■</span> Mean for Comparison	28.950	TS	116
		RMTS	Too Few
		%DEV	2.4
		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 <sub>m</sub>
Roche Cobas e601/ 602	268	22.209	4.0	0.07
Abbott Architect	230	28.950	4.5	0.11
Roche Cobas 4000/e411	191	22.546	5.8	0.12
Abbott Alinity i	171	28.516	3.7	0.10
Roche Cobas e402/e801	151	22.405	3.0	0.07
Beckman Dxl 600/800	119	24.627	6.3	0.18
Siemens Atellica IM	72	26.629	4.9	0.19
Beckman Access/LXi725	60	26.004	6.8	0.29
Siemens Centaur XP/XPT	55	26.852	4.9	0.22
Ortho Vitros 3600/5600/ECi/XT 7600	53	26.661	4.5	0.21
bioMerieux, VIDAS	51	26.411	6.3	0.29
SNIBE Maglumi analysers	37	28.264	4.8	0.28
Mindray CL 8000i/6000i/2000i/1200i/1000i	29	26.213	6.5	0.40
Tosoh AIA Series	26	35.875	6.6	0.58
Roche Elecsys	22	22.741	6.0	0.36
Siemens/DPC Immulite 2000/2500	23	36.235	6.0	0.57
DiaSorin Liaison XL	21	26.589	4.5	0.33
Siemens Centaur CP	14	26.900	6.3	0.57
Immunotech IRMA	12	25.424	3.6	0.33
Boditech Med Inc i-CHROMA	7	32.294	12.0	1.83
Tosoh AIA-CL Series	8	32.463	7.4	1.06



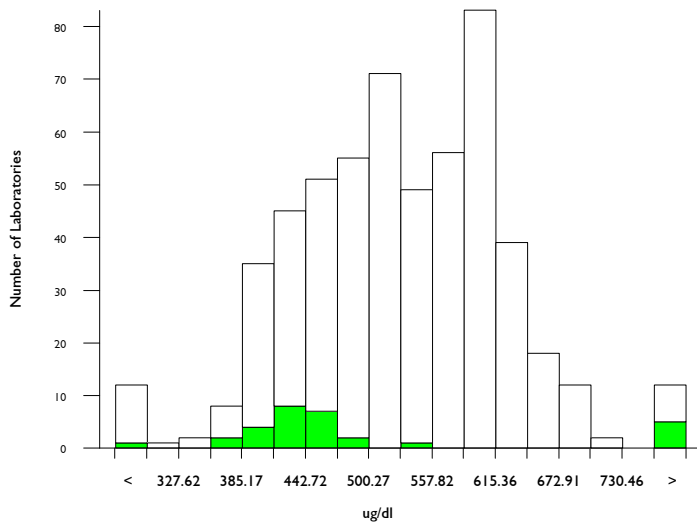


# DHEA-S, ug/dl

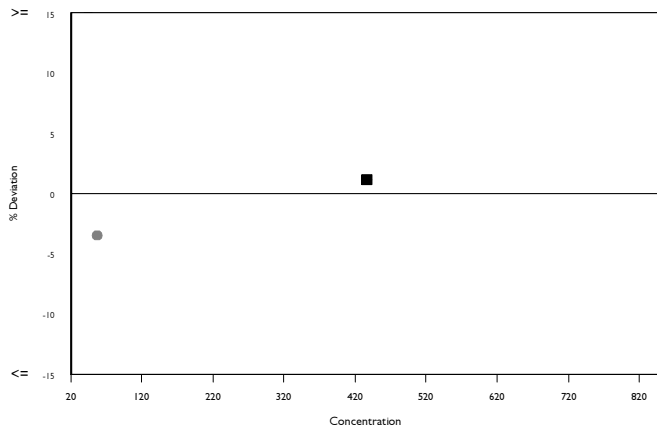
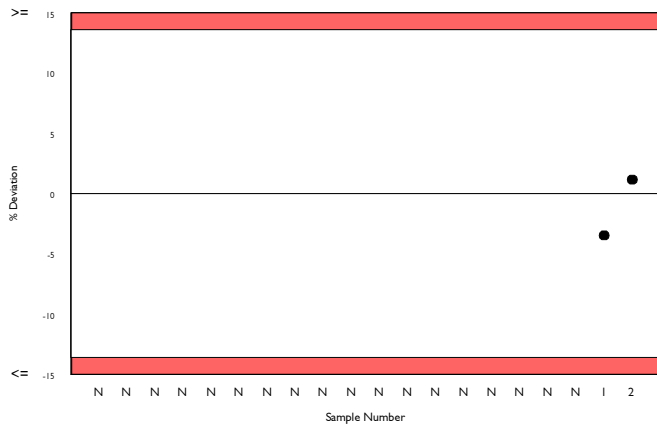
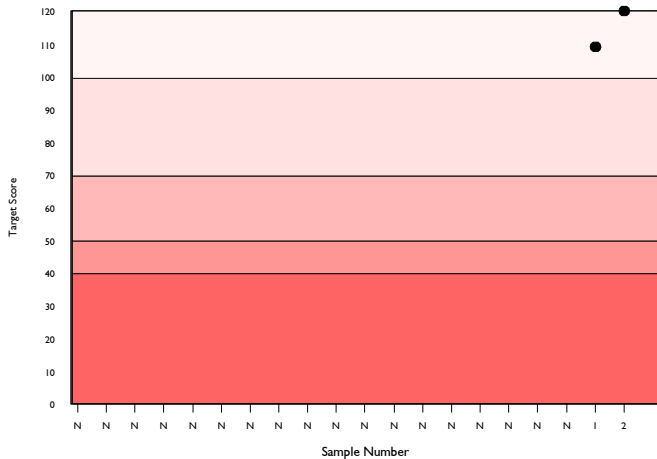
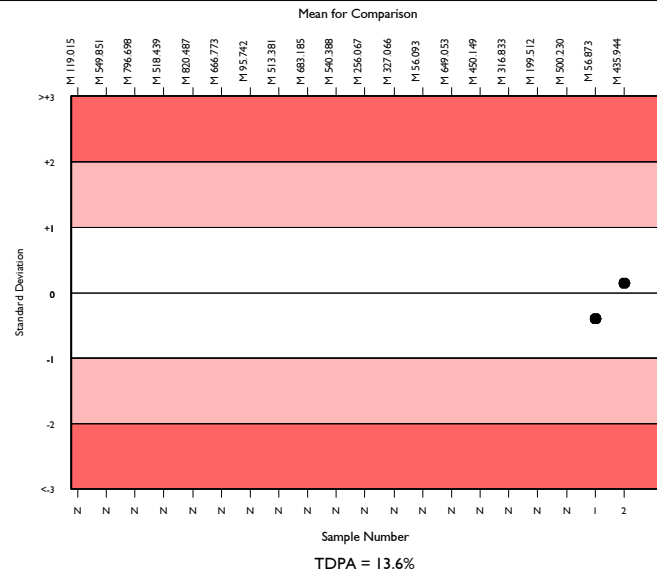
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	519	529.048	14.5	4.21	43.74	32
SNIBE Maglumi analysers	22	435.944	5.7	6.56	36.04	8

▲ Your Result	441.000	SDI	0.14
		RMSDI	Too Few
■ Mean for Comparison	435.944	TS	120
		RMTS	Too Few
		%DEV	1.2
		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	71	591.756	4.4	3.88
Roche Cobas 4000/e411	70	616.353	5.6	5.20
Roche Cobas e601/ 602	63	594.298	4.8	4.45
Abbott Architect	55	501.804	4.4	3.74
Abbott Alinity i	52	513.971	4.1	3.62
Siemens/DPC Immulite 2000/2500	38	453.895	7.3	6.68
SNIBE Maglumi analysers	22	435.944	5.7	6.56
Beckman Dxl 600/800	28	433.130	8.2	8.43
Siemens Atellica IM	27	427.676	5.7	5.89
Siemens Centaur XP/XPT	11	419.344	5.2	8.25
Beckman Access/LXi725	9	449.773	10.3	19.27
Tosoh AIA Series	8	518.545	4.6	10.58
Siemens/DPC Immulite 1000	8	455.819	9.7	19.44
Mindray CL 8000i/6000i/2000i/1200i/1000i	5	551.975	2.2	6.73
Tosoh AIA-CL Series	5	583.420	3.6	11.80
Roche Elecsys	4	793.172	18.3	90.51
DiaSorin Liaison XL	4	303.825	11.2	21.31
Immunotech RIA	3	476.505	3.3	11.45
Siemens Centaur CP	2	426.340	2.8	10.56
HPLC	2	549.815	0.9	4.61
DiaSorin, Liaison	2	404.750	0.1	0.31



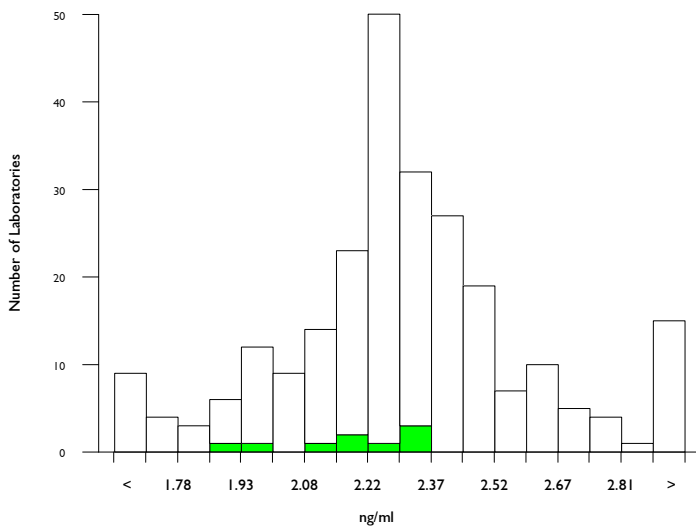
# Digoxin, ng/ml

- All Methods
- bioMerieux, VIDAS

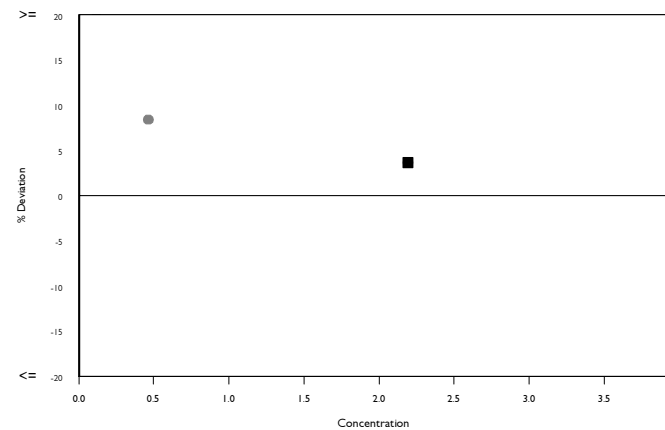
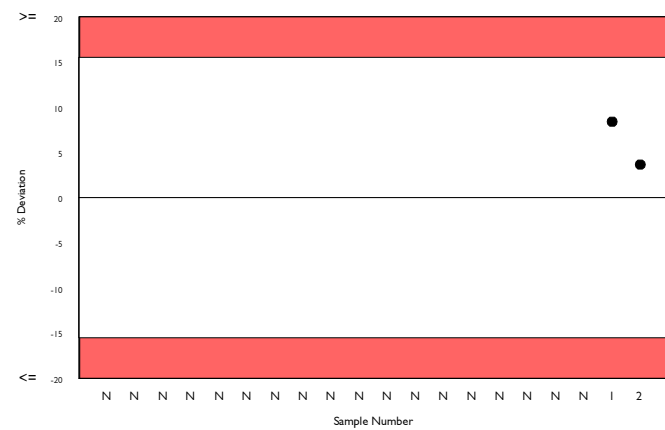
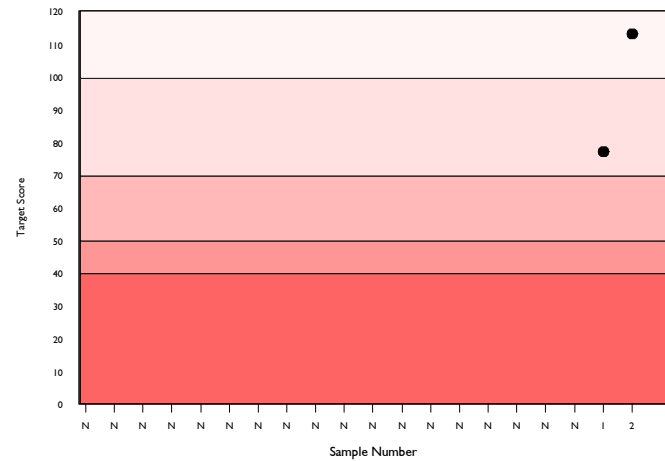
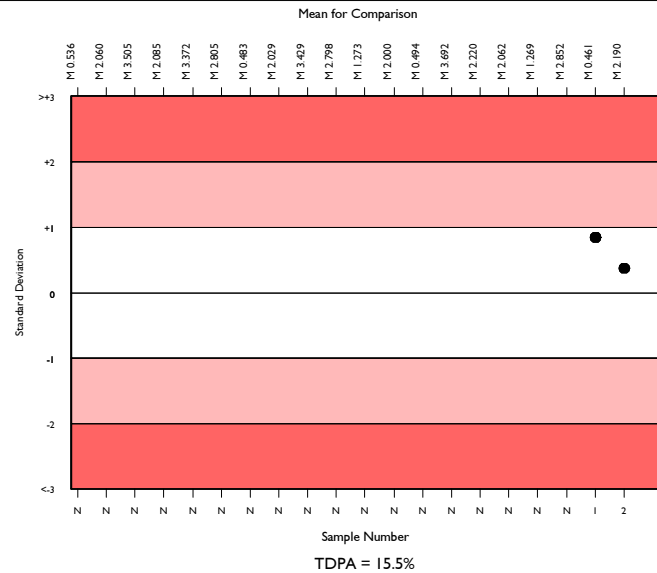
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	221	2.302	8.6	0.02	0.22	30
bioMerieux, VIDAS	9	2.190	7.1	0.07	0.22a	0

<span style="color: green;">▲</span> Your Result	2.270	SDI	0.37
		RMSDI	Too Few
<span style="color: green;">■</span> Mean for Comparison	2.190	TS	113
		RMTS	Too Few
		%DEV	3.7
		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)	29	1.934	6.8	0.03
Roche Cobas C303/501/502/503/701	27	2.308	2.9	0.02
Abbott Alinity (PETINA)	24	2.304	3.5	0.02
Roche Cobas e601/e602	16	2.303	3.5	0.03
Roche Cobas e402/e801	16	2.341	3.8	0.03
Siemens Atellica IM	13	2.718	4.4	0.04
Beckman Dxl 600/800	11	2.378	5.7	0.05
Siemens Dimension	10	2.301	3.5	0.03
SNIBE Maglumi analysers	11	2.879	14.4	0.16
bioMerieux, VIDAS	9	2.190	7.1	0.07
Siemens Centaur XP/XPT	7	2.556	7.7	0.09
Abbott Alinity (CMIA)	8	2.188	15.2	0.15
Roche Cobas 4000/e411	7	2.301	7.4	0.08
Beckman AU Instruments	7	2.446	4.7	0.05
Abbott Architect (PETINIA)	5	2.188	11.2	0.14
Roche Integra	4	2.336	3.7	0.05
Siemens Atellica CH	5	2.198	9.1	0.11
Siemens/DPC Immulite 2000/2500	3	2.407	15.0	0.26
Beckman DxC	3	2.244	8.5	0.14
Vitros	3	2.467	15.3	0.27
Roche Elecsys	2	2.420	5.8	0.12

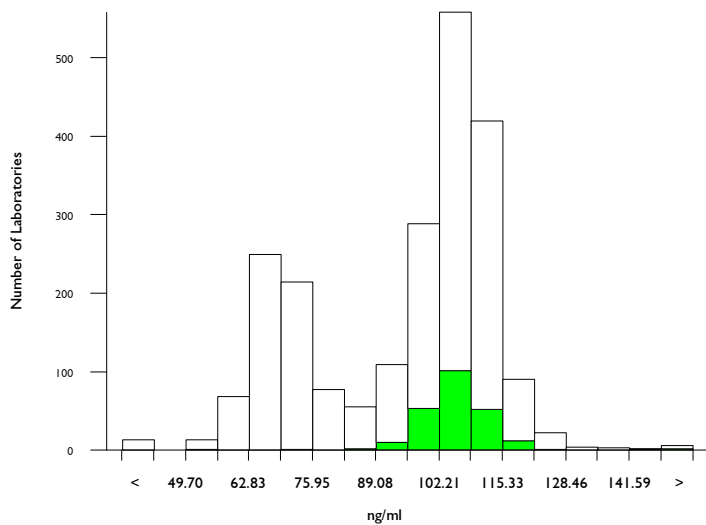


# Ferritin, ng/ml

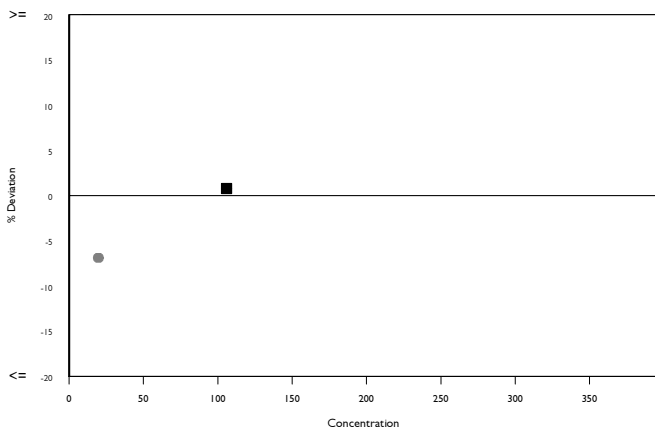
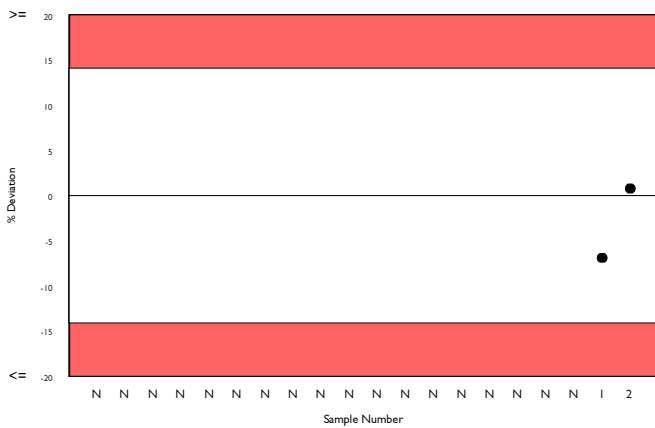
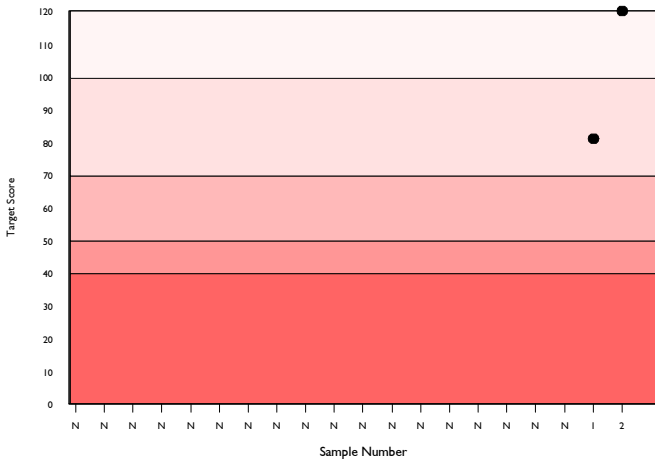
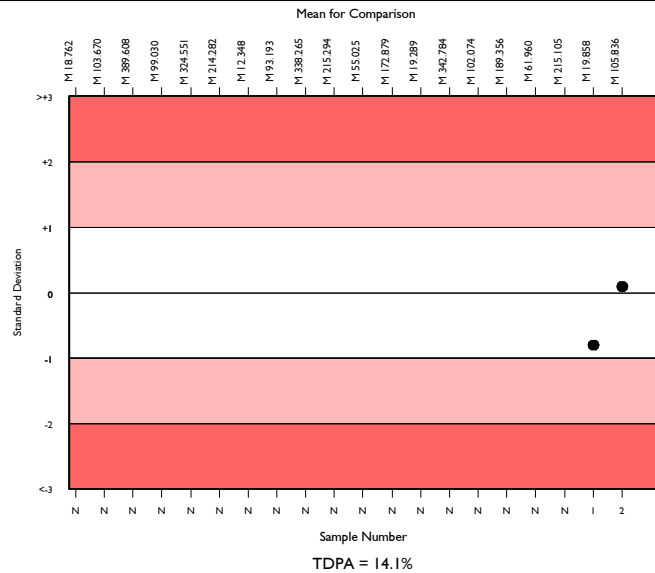
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2134	95.649	18.3	0.47	8.20	56
Abbott Architect Chemilum	215	105.836	4.5	0.41	9.07	21

▲ Your Result	106.660	SDI	0.09
		RMSDI	Too Few
■ Mean for Comparison	105.836	TS	120
		RMTS	Too Few
		%DEV	0.8
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Modular E170 /Cobas e601/602	297	106.938	3.9	0.30
Roche Elecsys / Cobas e411	266	108.521	6.1	0.51
Abbott Architect Chemilum	215	105.836	4.5	0.41
Roche Cobas e402/e801	199	104.451	4.0	0.37
Abbott Alinity i	193	109.024	4.6	0.45
Beckman Dxl 600/800	124	67.189	5.6	0.42
Beckman Access/LXi725	100	69.742	6.1	0.53
Siemens Atellica IM	90	69.131	5.0	0.45
Ortho Vitros 3600/5600/ECi/XT/7600	78	65.078	6.6	0.61
Siemens Centaur XP/XPT	72	73.596	5.7	0.61
SNIBE Maglumi analysers	52	107.395	6.0	1.12
Roche Cobas C303/501/502/503/701/702	44	101.995	5.0	0.95
Tosoh AIA Series	38	68.106	8.0	1.11
Mindray CL 8000i/6000i/2000i/1200i/1000i	34	92.244	6.7	1.32
bioMerieux, VIDAS	30	76.121	11.9	2.07
Beckman AU Instruments	23	84.450	11.1	2.44
Siemens/DPC Immulite 2000/2500	19	89.521	5.5	1.42
Roche Cobas 4000/c311	16	105.203	4.6	1.50
Siemens Centaur CP	13	71.368	8.8	2.17
Siemens Dimension	15	97.593	10.7	3.38
DiaSorin Liaison XL	13	103.778	4.2	1.53

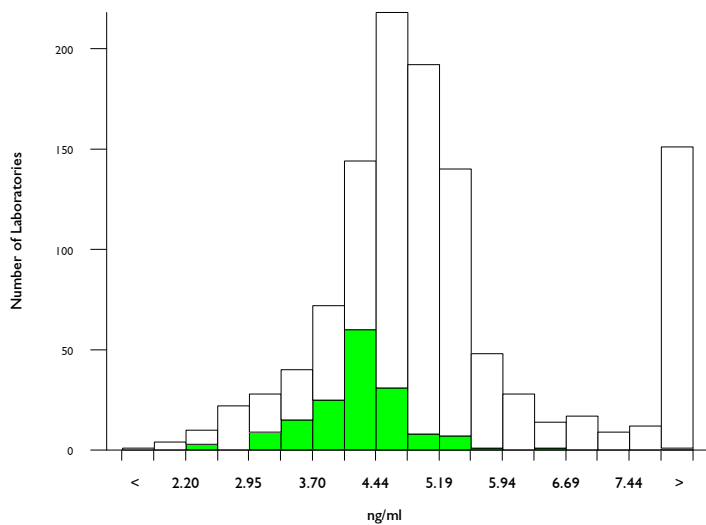


# Folate, ng/ml

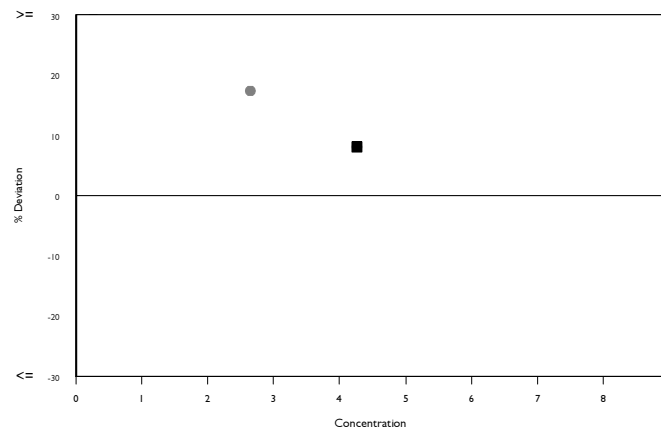
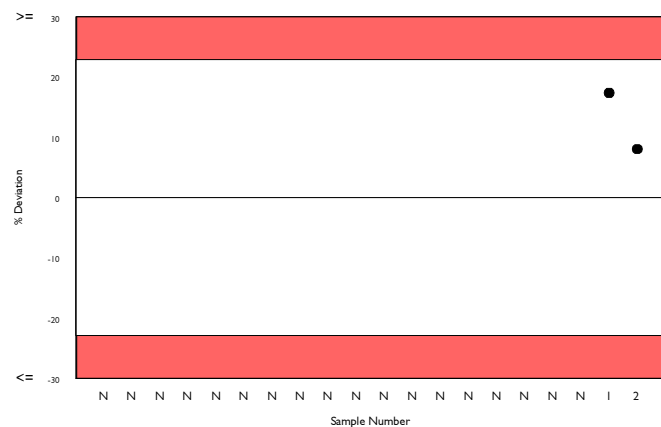
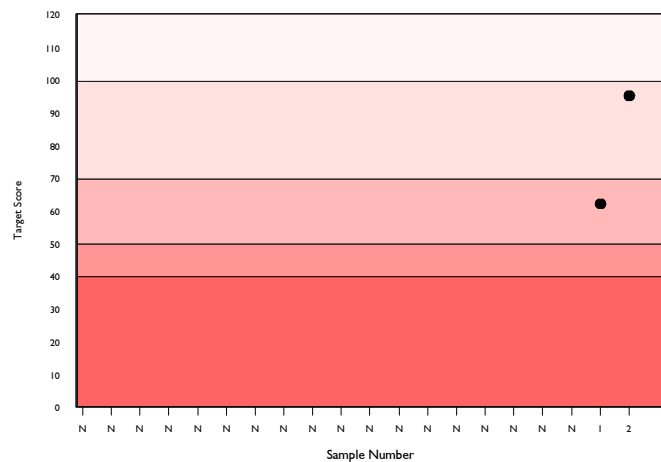
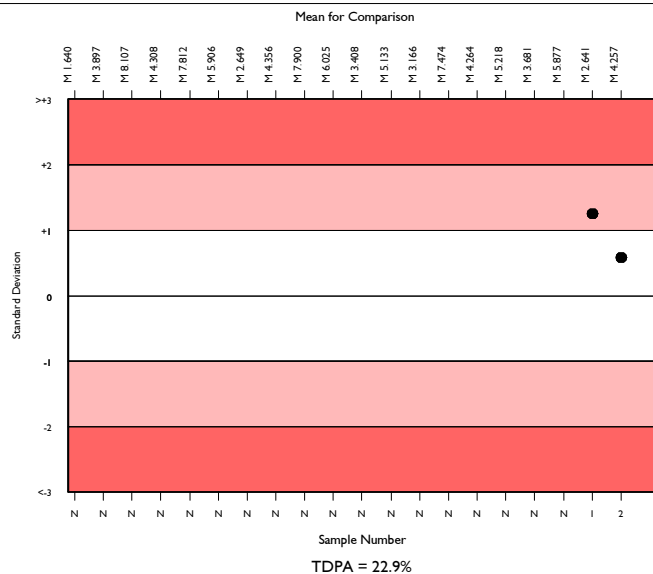
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1013	4.824	20.7	0.04	0.67	139
Abbott Architect	145	4.257	9.8	0.04	0.59	16

▲ Your Result	4.600	SDI	0.58
		RMSDI	Too Few
■ Mean for Comparison	4.257	TS	95
		RMTS	Too Few
		%DEV	8.1
		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	241	5.026	11.4	0.05
Abbott Architect	145	4.257	9.8	0.04
Roche Folate 07027290 e801	129	4.891	8.4	0.05
Abbott Alinity i	116	4.648	9.0	0.05
Beckman Dxl 600/800 - A98032	58	5.065	5.8	0.05
Siemens Atellica IM	51	8.959	10.2	0.16
Siemens Centaur XP/XPT(enhanced)	43	9.547	10.9	0.20
Beckman Dxl 600/800 - A14208	40	4.838	7.4	0.07
Beckman Access/LXi725	37	5.074	5.6	0.06
Ortho Vitros 3600/5600/ECi/XT/7600	32	3.090	12.6	0.09
Roche Elecsys Folate	29	5.118	16.6	0.20
SNIBE Maglumi Analyser	26	4.896	31.3	0.38
Roche Folate III - 04476433	19	4.911	18.6	0.26
Tosoh AIA Series	16	7.077	12.7	0.28
Siemens/DPC Immulite 2000	19	3.390	11.8	0.11
Mindray CL 8000i/6000i/2000i/1200i/1000i	15	13.291	8.5	0.36
Siemens Dimension	7	2.637	3.5	0.04
Tosoh AIA-CL Series	6	14.533	3.1	0.23
DiaSorin Liaison XL	5	2.708	27.4	0.41
Shenzhen YHLO iFlash Series	3	16.300	21.5	2.53
Siemens Centaur CP (enhanced kit)	2	11.359	3.0	0.30



# FSH, mU/ml

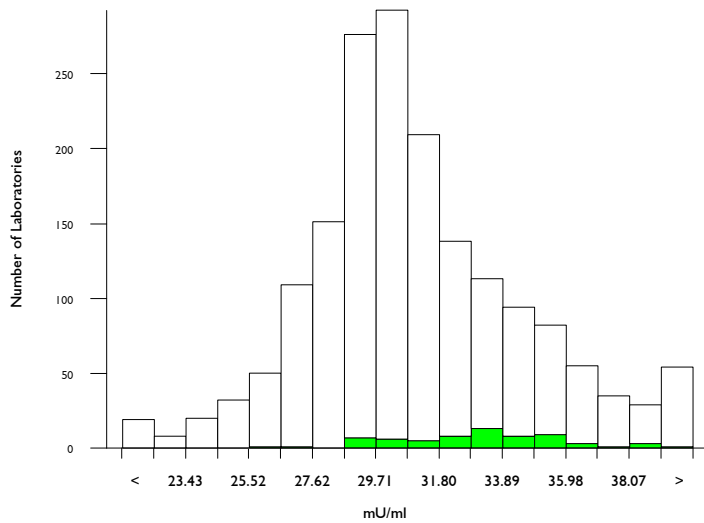
All Methods

bioMerieux, VIDAS

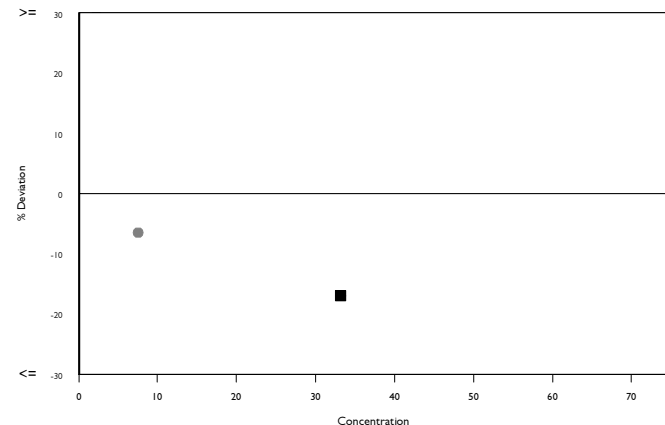
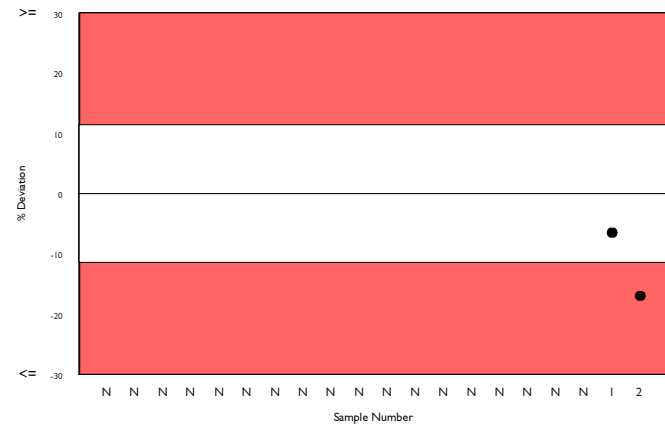
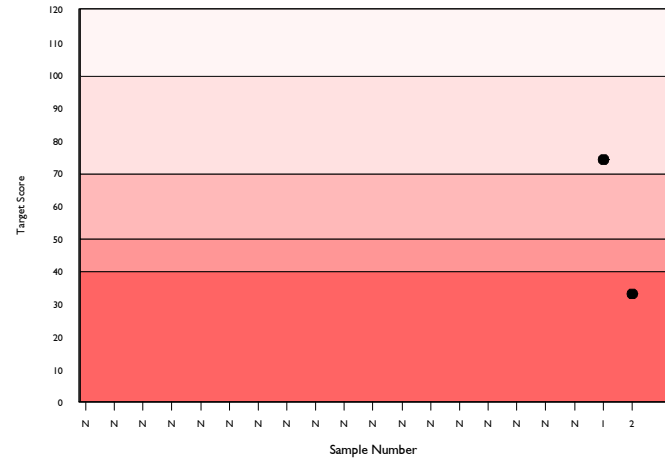
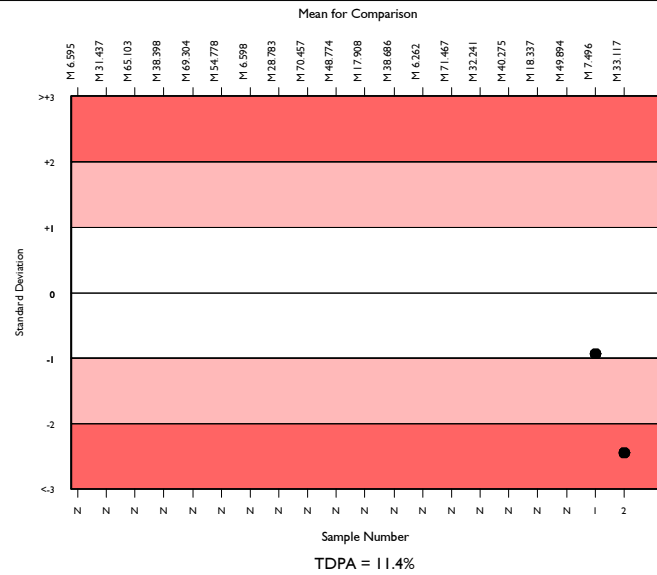
N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
1629	30.757	9.1	0.09	2.13	137
62	33.117	7.2	0.38	2.30	4

▲ Your Result	27.500	SDI	-2.45
		RMSDI	Too Few
■ Mean for Comparison	33.117	TS	33
		RMST	Too Few
		%DEV	-17.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.40%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	274	29.507	4.3	0.10
Roche Cobas 4000/e411	208	31.307	4.5	0.12
Abbott Architect	192	28.861	4.5	0.12
Abbott Alinity i	151	29.053	4.8	0.14
Roche Cobas e402/e801	138	29.982	3.4	0.11
Beckman Dxl 600/800	106	34.205	6.5	0.27
Beckman Access/LXi725	83	33.465	8.2	0.38
Siemens Atellica IM	61	34.921	5.2	0.29
bioMerieux, VIDAS	62	33.117	7.2	0.38
Siemens Centaur XP/XPT	59	34.116	6.4	0.36
SNIBE Maglumi analysers	56	33.392	6.0	0.33
Ortho Vitros 3600/5600/ECi/XT/7600	48	24.690	4.5	0.20
Mindray CL 8000i/6000i/2000i/1200i/1000i	29	37.272	6.3	0.55
Tosoh AIA Series	29	37.586	9.2	0.80
Siemens/DPC Immulite 2000/2500	29	30.252	8.4	0.59
Roche Elecsys	24	30.022	8.6	0.66
DiaSorin Liaison XL	10	45.831	4.3	0.77
Siemens/DPC Immulite 1000	9	29.667	4.1	0.50
Siemens Centaur CP	8	33.340	8.9	1.32
Tosoh AIA-CL Series	8	34.738	5.3	0.82
Fineware	7	26.399	5.8	0.72

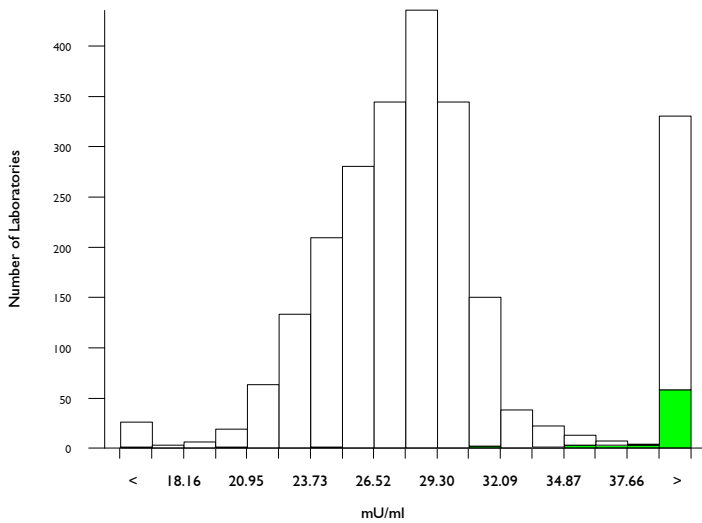


# hCG, mU/ml

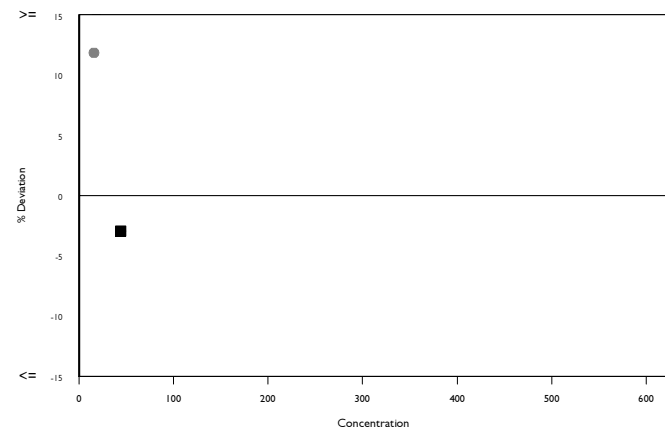
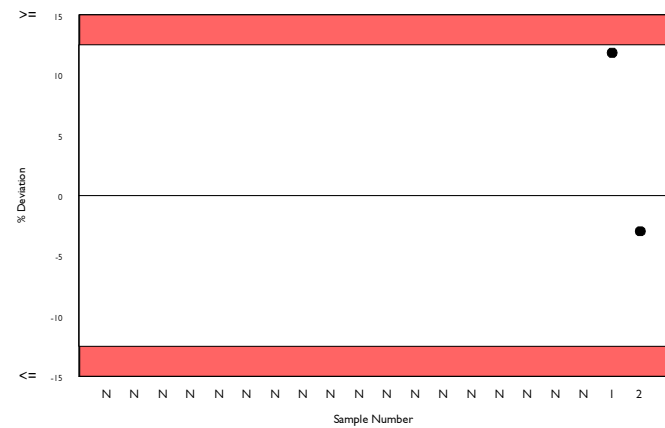
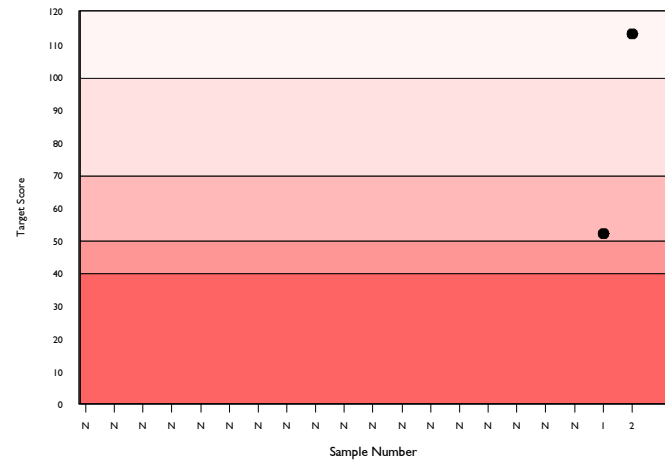
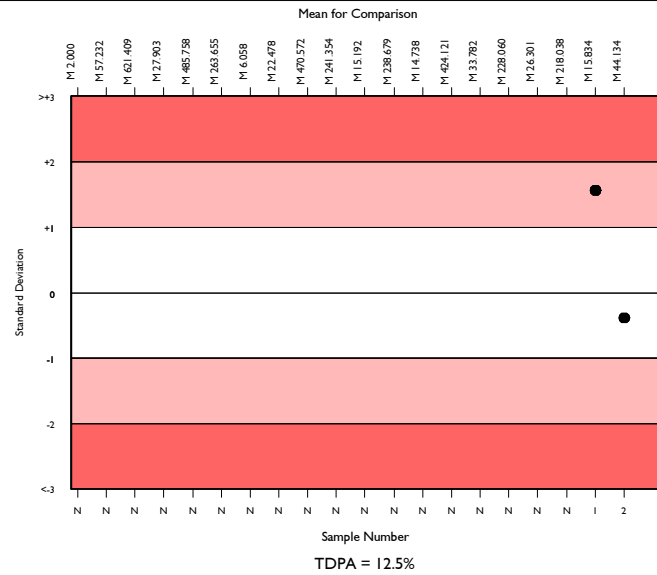
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2124	27.914	13.3	0.10	2.12	304
bioMerieux, VIDAS	65	44.134	10.4	0.71	3.35	8

▲ Your Result	42.830	SDI	-0.39
		RMSDI	Too Few
■ Mean for Comparison	44.134	TS	113
		RMTS	Too Few
		%DEV	-3.0
		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 <sub>m</sub>
Roche hCG+Beta	751	29.286	5.6	0.07
Abbott Architect	273	24.896	6.9	0.13
Abbott Alinity i	208	25.248	7.0	0.15
Roche hCG + Beta e801	144	29.023	4.1	0.12
Beckman Dxl 600/800	101	28.289	5.1	0.18
Ortho Vitros 3600/5600/ECi/XT 7600	86	46.511	5.4	0.34
Siemens Centaur XP/XPT	78	25.816	5.8	0.21
Siemens Atellica IM	77	26.572	4.7	0.18
Beckman Access Total BhCG (5th IS)	70	27.620	5.0	0.21
bioMerieux, VIDAS	65	44.134	10.4	0.71
SNIBE Maglumi analysers	47	49.637	8.6	0.78
Beckman Dxl Total BhCG (5th IS)	39	28.174	4.7	0.27
Beckman Access/LXi725	39	27.979	5.3	0.30
Mindray hCG 8000/6000/2000/1200/1000i	30	22.952	7.7	0.40
Roche hCG STAT(Intact)	30	23.739	10.5	0.57
Siemens/DPC Immulite 2000	31	56.354	8.8	1.11
Tosoh AIA Series	26	45.888	5.1	0.57
Siemens Dimension	23	48.379	5.8	0.73
Roche Cobas Core EIA	17	28.988	8.5	0.75
Siemens Centaur CP	18	26.211	5.8	0.45
DiaSorin Liaison XL	15	27.540	10.2	0.91





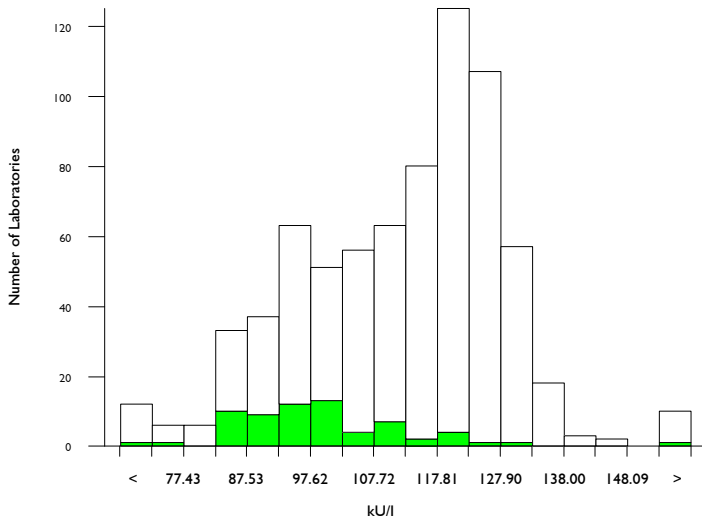
# IgE, kU/l

- All Methods
- bioMerieux, VIDAS

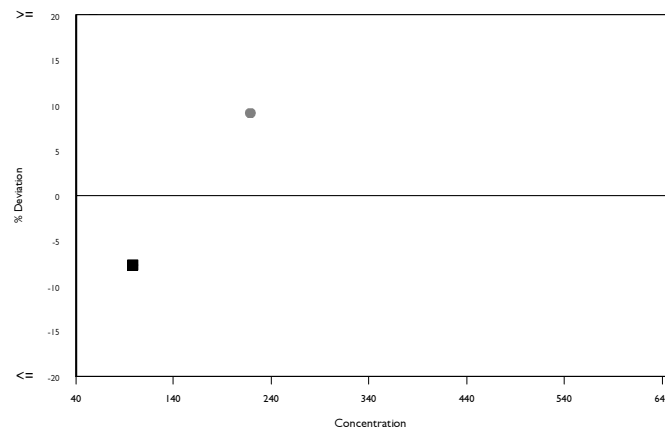
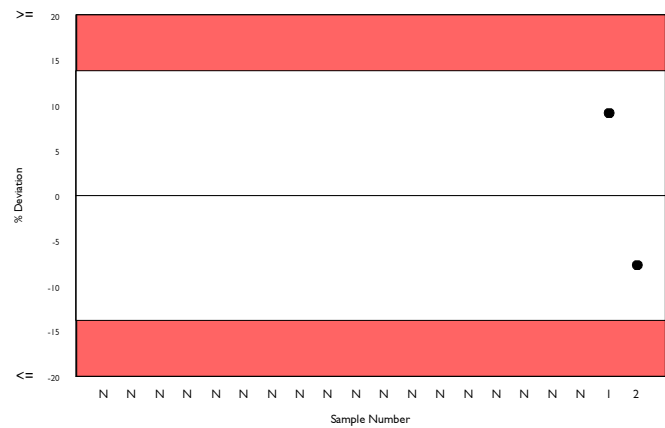
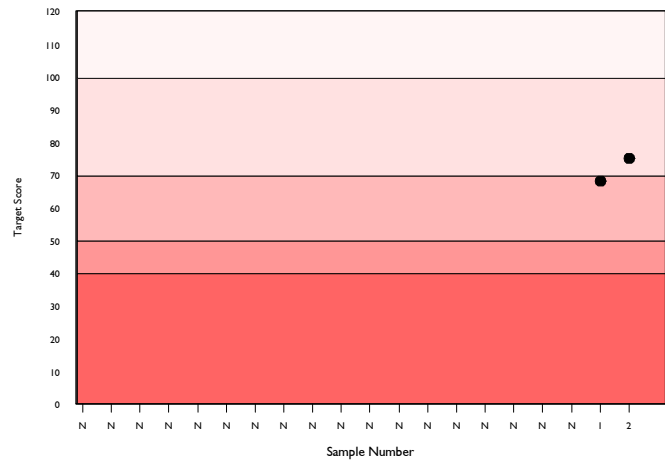
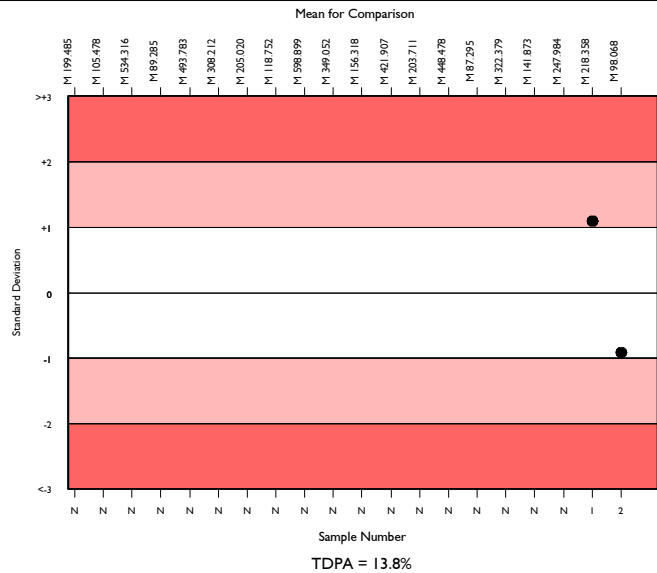
N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
688	112.768	11.9	0.64	9.46	41
60	98.068	10.0	1.58	8.23	6

▲ Your Result	90.530	SDI RMSDI	-0.92 Too Few
■ Mean for Comparison	98.068	TS RMTS	75 Too Few
		%DEV RM%DEV	-7.7 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	123	123.109	5.1	0.71
Roche Cobas e601/ 602	118	121.439	4.6	0.64
Roche Cobas e402/e801	63	123.950	3.8	0.74
bioMerieux, VIDAS	60	98.068	10.0	1.58
SNIBE Maglumi analysers	46	95.332	6.1	1.07
Siemens/DPC Immulite 2000/2500	42	112.926	8.5	1.85
Siemens Centaur XP/XPT	31	104.774	7.1	1.67
Siemens Atellica IM	31	108.900	4.1	0.99
Abbott Architect	26	92.145	8.3	1.86
Tosoh AIA Series	19	102.188	7.5	2.19
Abbott Alinity	21	88.962	4.3	1.03
Phadia Immuncap instruments	17	117.716	6.5	2.34
Siemens/DPC Immulite 1000	10	109.700	7.2	3.11
Roche Elecsys	8	124.288	4.0	2.18
Biomed	7	109.081	12.4	6.37
Tosoh AIA-CL Series	6	98.900	5.4	2.71
Agappe Mispia i2	4	119.148	6.8	5.06
Siemens Centaur CP	4	107.675	10.3	6.94
ELISA	4	101.500	22.7	14.42
Beckman Immage	3	92.367	12.8	8.53
Siemens/Dade Behring Nephelometer	3	94.083	2.6	1.74

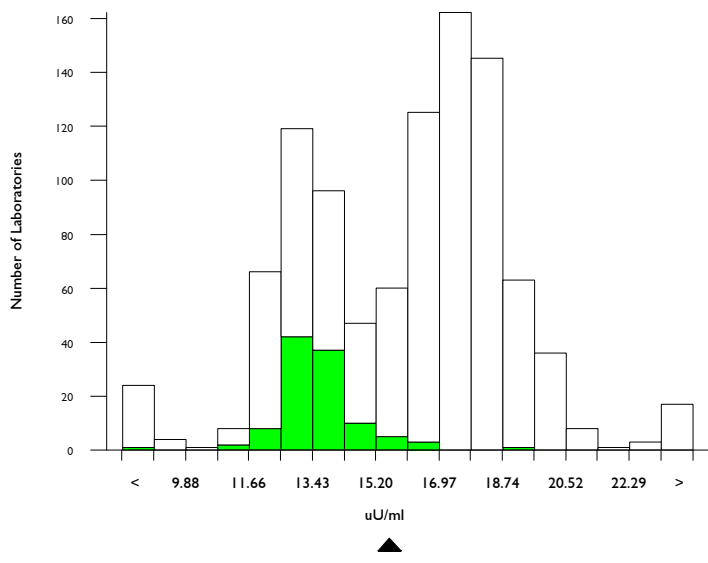


# Insulin, uU/ml

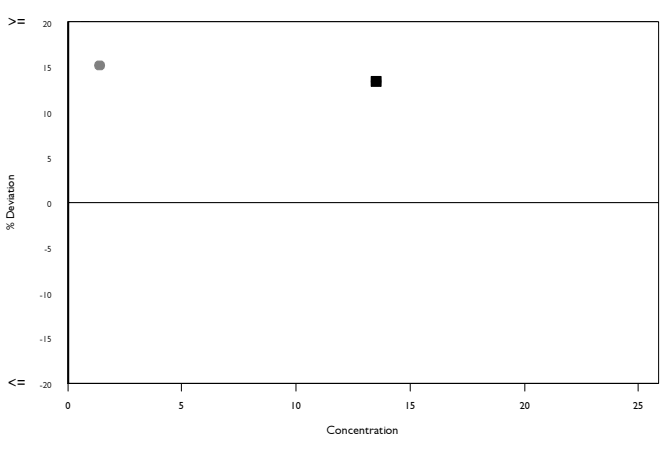
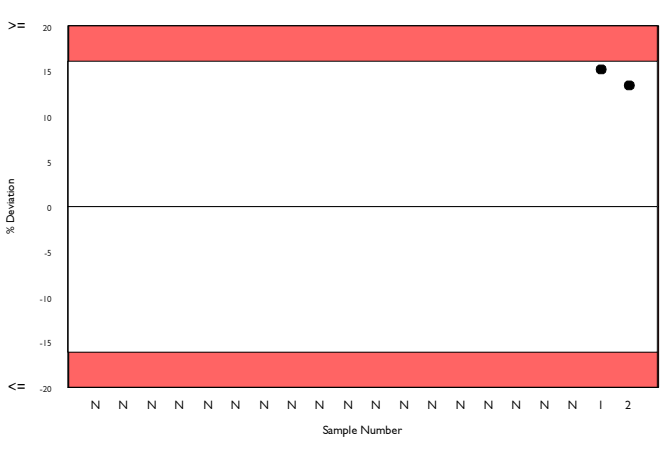
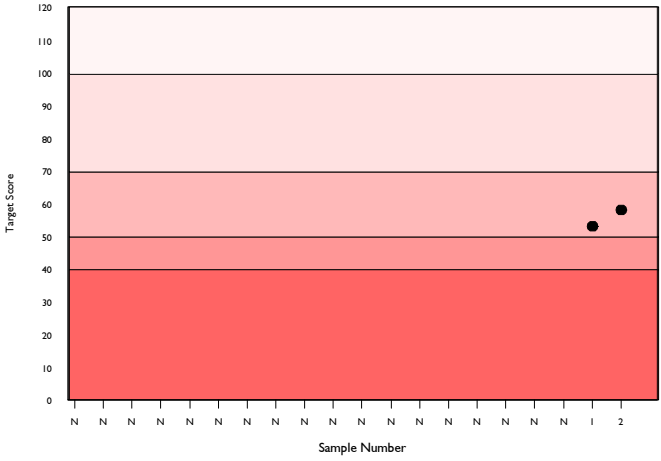
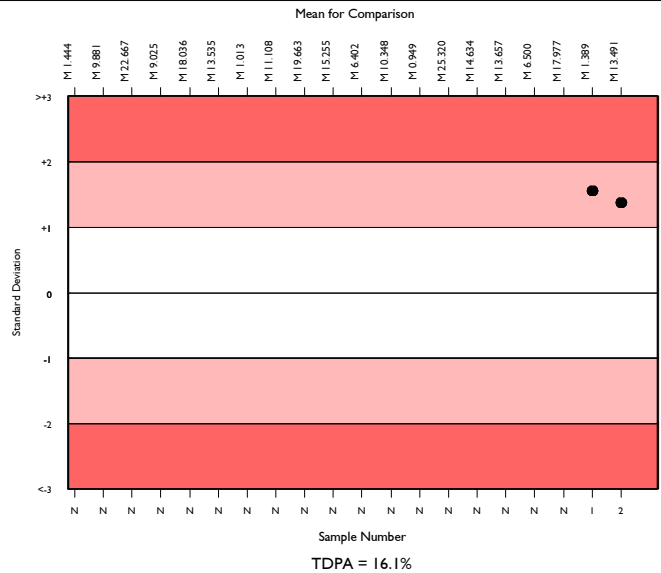
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	933	16.091	14.7	0.10	1.57	55
Abbott Architect	96	13.491	4.8	0.08	1.32	13

▲ Your Result	15.300	SDI	1.37
		RMSDI	Too Few
■ Mean for Comparison	13.491	TS	58
		RMTS	Too Few
		%DEV	13.4
		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	226	17.635	4.6	0.07
Roche Cobas 4000/e411	131	18.208	5.7	0.11
Abbott Architect	96	13.491	4.8	0.08
Abbott Alinity i	94	12.525	3.1	0.05
Beckman Dxl 600/800	70	13.784	6.3	0.13
Siemens Centaur XP/XPT	34	16.681	6.9	0.25
Siemens Atellica IM	32	16.497	4.3	0.16
Beckman Access/LXi725	29	14.218	6.0	0.20
SNIBE Maglumi analysers	28	16.771	3.0	0.12
Roche Elecsys	26	18.032	7.2	0.32
Tosoh AIA Series	25	16.826	12.8	0.54
Mindray CL 8000i/6000i/2000i/1200i/1000i	21	18.102	7.9	0.39
Ortho Vitros 3600/5600/ECi/XT 7600	21	14.962	7.0	0.28
Siemens/DPC Immulite 2000	13	8.227	30.0	0.85
DiaSorin Liaison XL	9	19.197	7.1	0.57
Siemens/DPC Immulite 1000	6	5.254	12.4	0.33
Tosoh AIA-CL Series	5	18.000	7.4	0.74
Siemens Centaur CP	3	17.410	11.2	1.41
Shenzhen YHLO iFlash Series	4	17.475	7.9	0.86
DiaSorin, Liaison	3	19.767	4.1	0.59
Mindray CL 900i	3	18.633	5.3	0.71

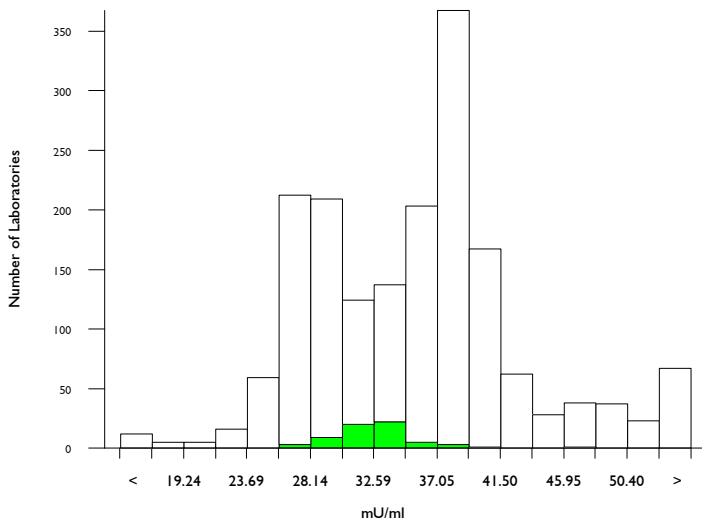


# LH, mU/ml

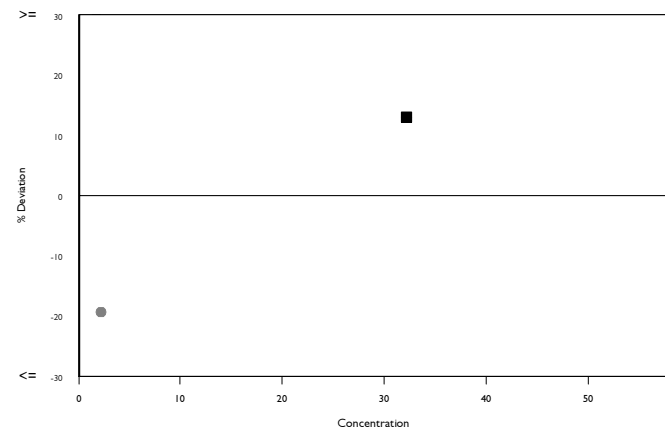
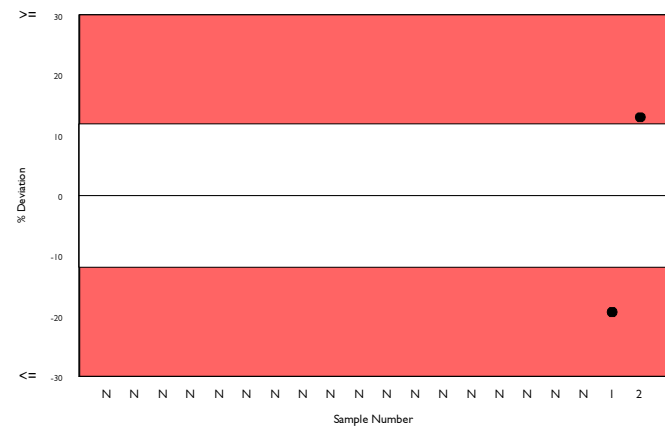
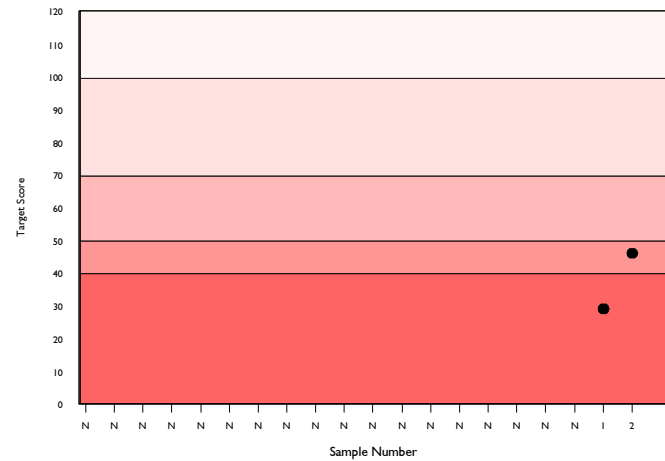
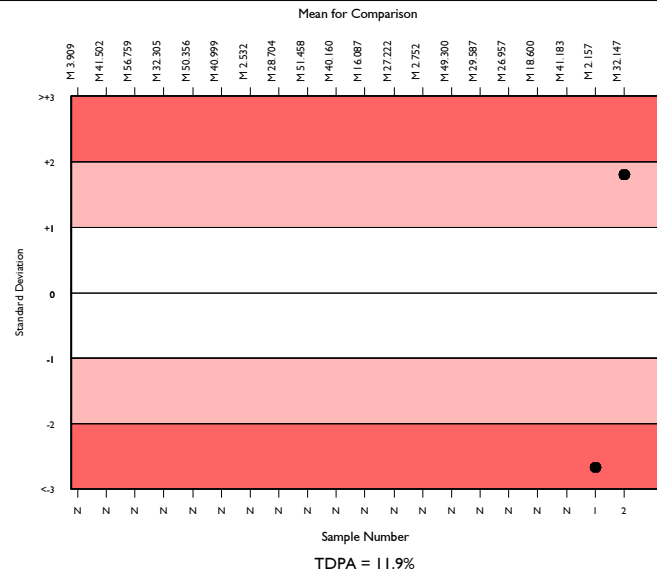
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1657	34.825	17.0	0.18	2.52	117
bioMerieux, VIDAS	59	32.147	6.8	0.35	2.33	6

▲ Your Result	36.330	SDI	1.80
		RMSDI	Too Few
■ Mean for Comparison	32.147	TS	46
		RMTS	Too Few
		%DEV	13.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.90%
TS & %DEV outside limits	



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	272	38.168	3.7	0.11
Roche Cobas 4000/e411	223	38.384	5.3	0.17
Abbott Architect	178	27.527	7.3	0.19
Roche Cobas e402/e801	145	38.450	3.3	0.13
Abbott Alinity i	140	27.421	4.8	0.14
Beckman Dxl 600/800	106	28.795	6.4	0.22
Beckman Access/LXi725	75	29.506	7.0	0.30
Siemens Atellica IM	65	34.697	4.1	0.22
bioMerieux, VIDAS	59	32.147	6.8	0.35
SNIBE Maglumi analysers	60	54.521	5.5	0.48
Siemens Centaur XP/XPT	54	32.701	5.1	0.28
Ortho Vitros 3600/5600/ECi/XT 7600	53	47.833	4.7	0.39
Mindray CL 8000i/6000i/2000i/1200i/1000i	31	39.506	9.2	0.82
Tosoh AIA Series	26	31.722	7.0	0.55
Siemens/DPC Immulite 2000	27	48.756	6.1	0.71
Roche Elecsys	24	38.279	5.1	0.50
Siemens/DPC Immulite 1000	12	50.467	6.8	1.24
DiaSorin Liaison XL	10	43.378	6.7	1.15
Tosoh AIA-CL Series	9	32.922	8.4	1.16
Siemens Centaur CP	6	34.620	3.9	0.69
Fineware	7	51.706	21.6	5.28

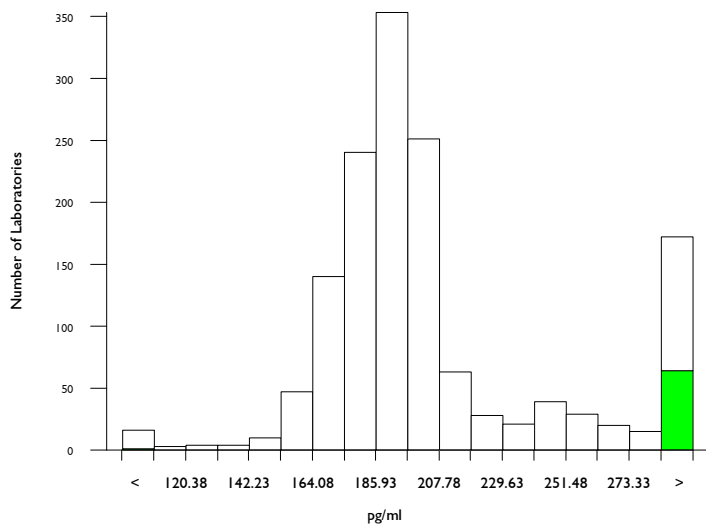


# Oestradiol, pg/ml

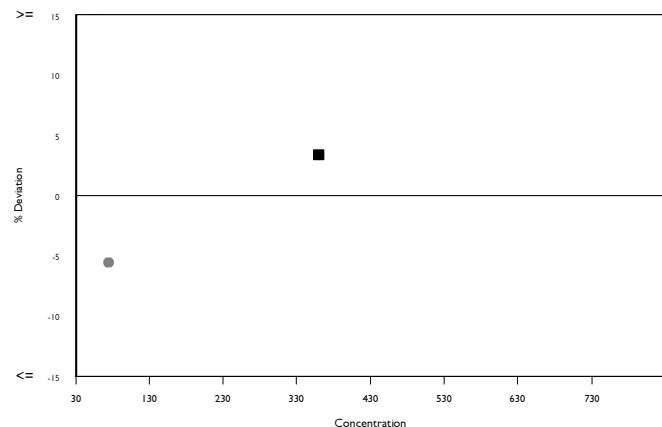
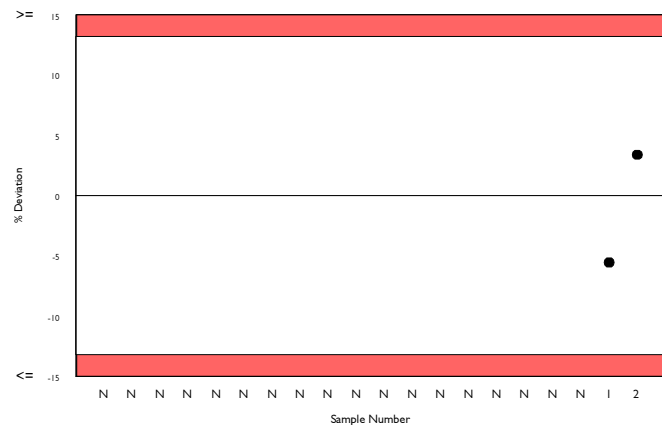
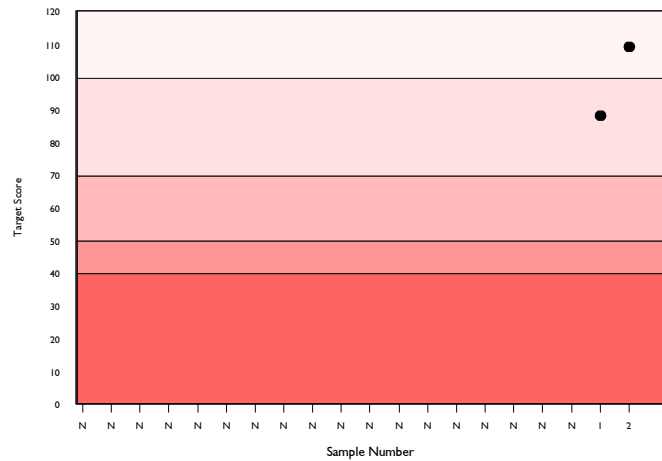
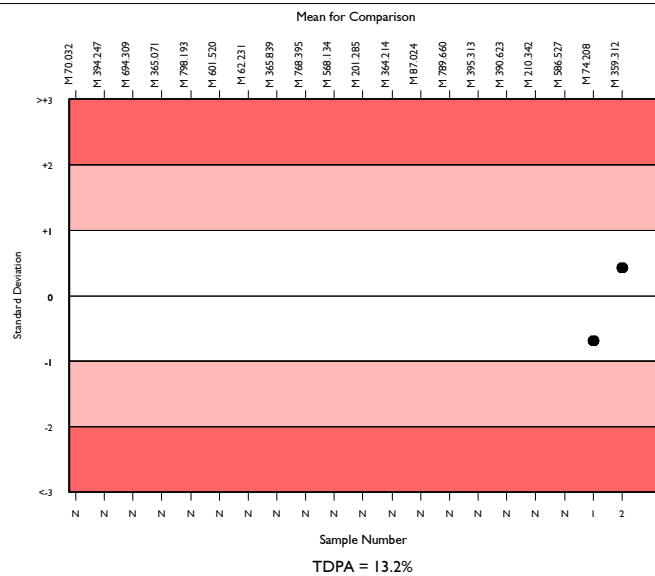
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1299	196.857	14.8	1.01	15.80	158
bioMerieux, VIDAS	61	359.312	7.4	4.28	28.83	4

▲ Your Result	371.500	SDI	0.42
		RMSDI	Too Few
■ Mean for Comparison	359.312	TS	109
		RMTS	Too Few
		%DEV	3.4
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602 (Estradiol III)	215	197.217	4.2	0.71
Abbott Architect	148	179.839	4.3	0.79
Roche Cobas e801 (Estadiol III)	144	196.180	2.9	0.60
Abbott Alinity i	125	174.162	4.9	0.94
Roche Cobas 4000/e411 (Estradiol III)	114	190.140	4.3	0.96
Roche Cobas 4000/e411 (Estradiol II)	74	189.981	4.6	1.26
bioMerieux, VIDAS	61	359.312	7.4	4.28
Siemens Atellica IM	57	263.601	5.0	2.18
Roche Cobas e601/ 602 (Estradiol II)	48	194.138	5.3	1.84
Beckman Dxl 600/800	38	172.643	6.9	2.40
SNIBE Maglumi analysers	37	420.676	7.8	6.75
Beckman Dxl 600/800 Sensitive B84493	41	178.531	8.4	2.93
Ortho Vitros 3600/5600/ECi/XT 7600	32	320.746	7.4	5.25
Siemens Centaur XP/XPT (eE2)	26	246.070	5.3	3.17
Siemens Centaur XP/XPT	21	247.106	5.0	3.38
Beckman Access/LXi725 Sensitive B84493	23	199.224	7.6	3.93
Mindray CL 8000i/6000i/2000i/1200i/1000i	18	236.195	6.5	4.52
Beckman Access/LXi725	18	189.668	4.5	2.51
Siemens/DPC Immulite 2000/2500	15	274.764	17.3	15.33
Roche Elecsys (Estradiol II)	13	186.230	8.8	5.67
Tosoh AIA Series (E2)	11	198.407	9.1	6.81

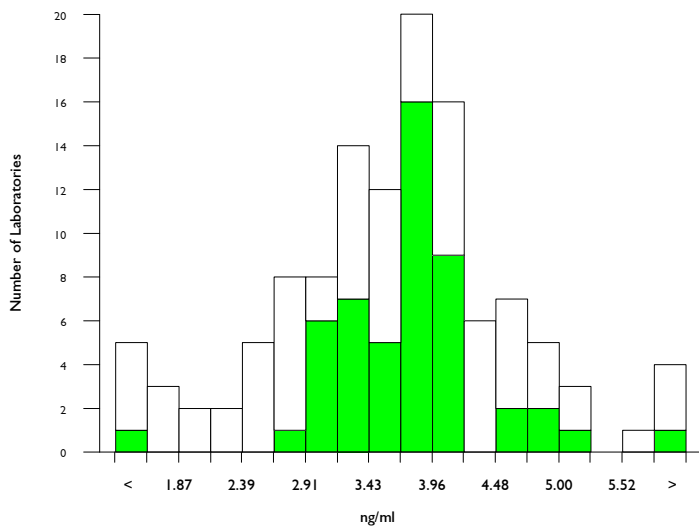


# 17-OH-Progesterone, ng/ml

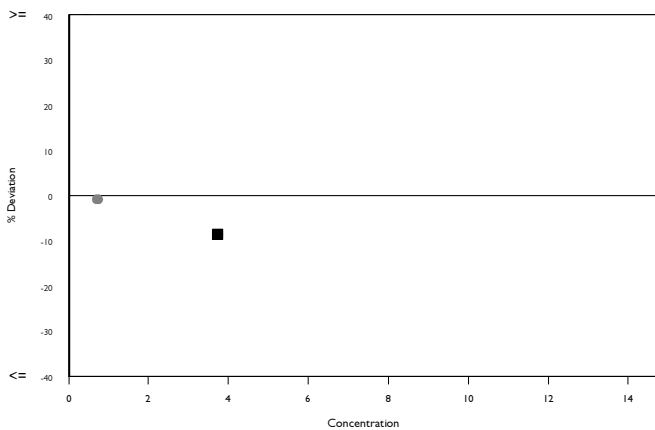
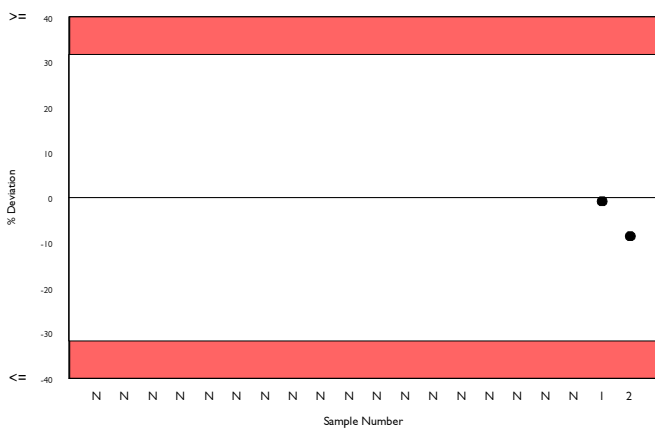
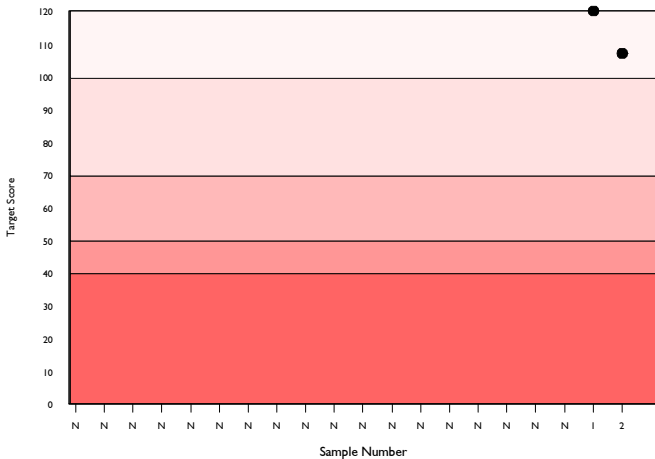
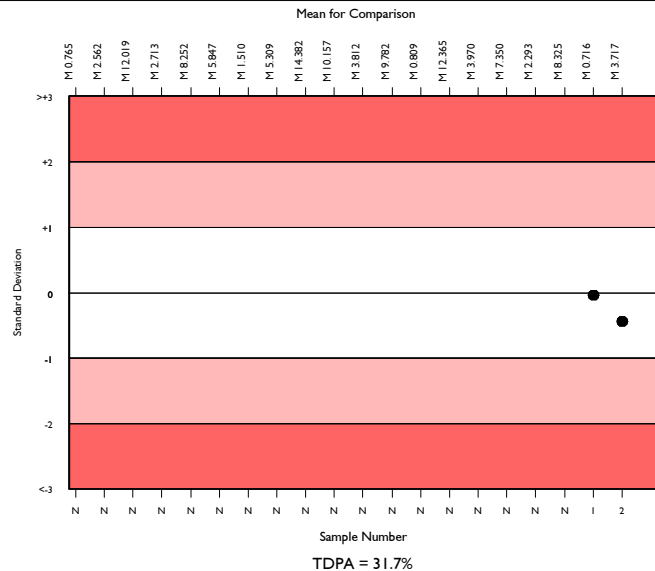
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	107	3.701	18.8	0.08	0.71	14
SNIBE Maglumi analysers	47	3.717	12.0	0.08	0.72	4

▲ Your Result	3.400	SDI RMSDI	-0.44 Too Few
■ Mean for Comparison	3.717	TS RMTS	107 Too Few
		%DEV RM%DEV	-8.5 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	47	3.717	12.0	0.08
DRG ELISA	15	4.230	11.1	0.15
ELISA	9	3.582	20.9	0.31
IDS-iSYS 17-OH Progesterone	5	2.676	3.8	0.06
DIAsource, RIA	5	3.603	7.6	0.15
LC/MS	2	4.365	11.8	0.46
Immunotech RIA	4	3.265	8.6	0.18
CDG Q-Strip	3	2.567	25.9	0.48
DIAsource, ELISA	3	5.167	19.6	0.73
IBL ELISA	3	2.804	27.1	0.55
DBC ELISA	2	2.105	2.4	0.04
Demeditec ELISA	2	4.465	17.9	0.71
DiaMetra ELISA	1	5.240	0.0	0.00
HPLC	2	4.669	0.0	0.00
Stat Fax Elisa Readers	1	2.700	0.0	0.00

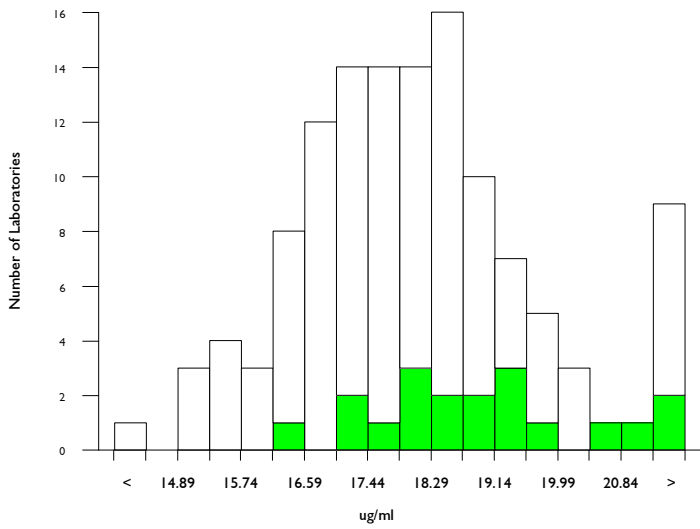


# Phenobarbital, ug/ml

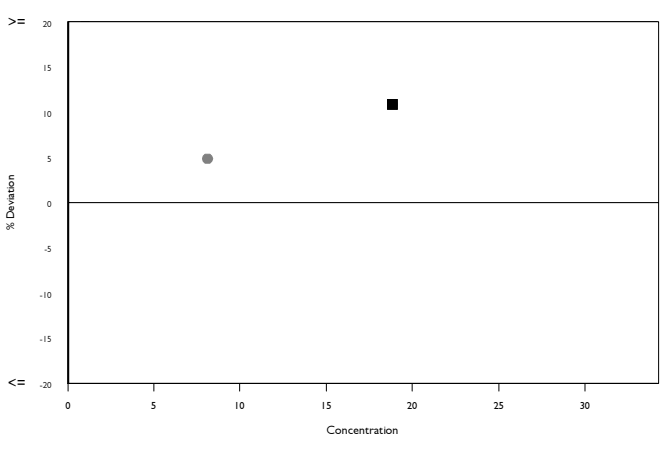
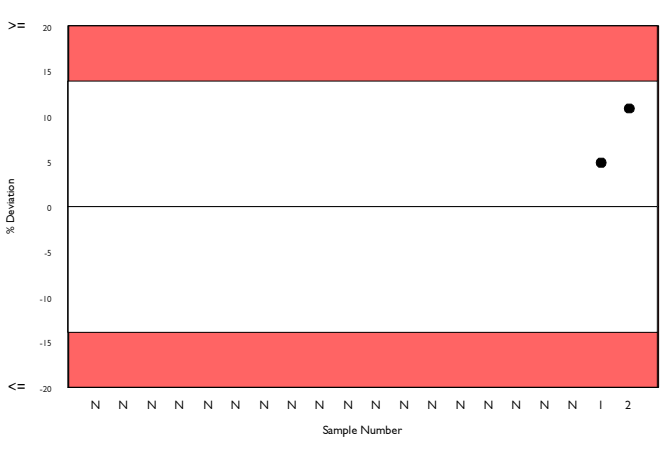
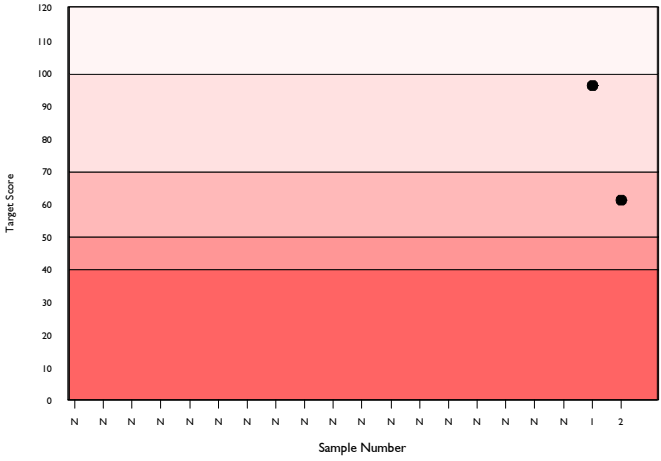
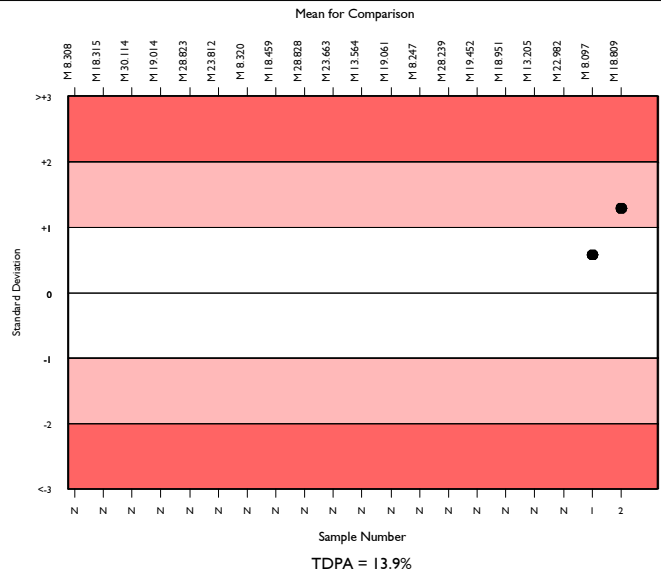
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	111	17.872	6.3	0.13	1.51	14
Abbott Architect (CMIA)	18	18.809	7.3	0.40	1.59	1

▲ Your Result	20.850	SDI	1.28
		RMSDI	Too Few
■ Mean for Comparison	18.809	TS	61
		RMTS	Too Few
		%DEV	10.9
		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	35	17.677	4.0	0.15
Abbott Architect (CMIA)	18	18.809	7.3	0.40
Abbott Alinity (PETINA)	16	17.349	4.3	0.23
Beckman AU Instruments	7	18.193	6.8	0.58
Roche Integra	6	17.608	5.6	0.50
Siemens Atellica CH	6	18.702	5.6	0.53
Roche Cobas E601/602/801	5	17.500	10.4	1.02
Siemens Centaur XP/XPT	5	24.882	14.2	1.98
Microgenics CEDIA assay	5	16.219	6.0	0.55
Siemens/DPC Immulite 2000/2500	3	18.500	9.2	1.23
EMIT	3	18.303	6.4	0.85
Abbott Architect (PETINIA)	2	15.850	7.6	1.06
GC/MS	2	22.895	0.0	0.01
Beckman Synchron LX systems / Unicl DxC	2	17.709	11.3	1.76

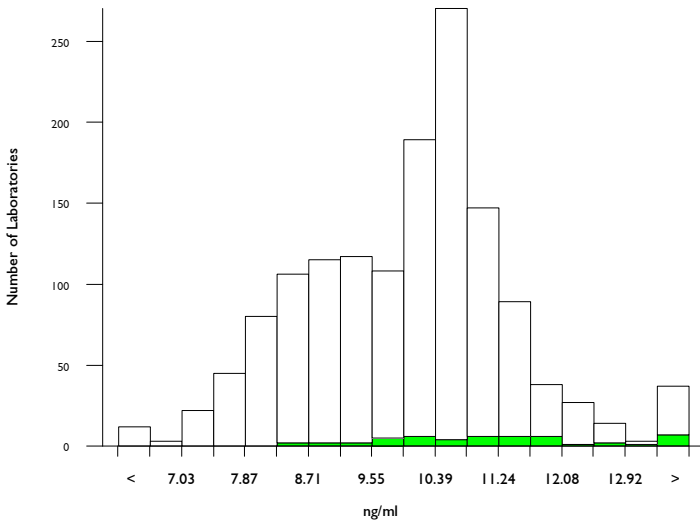


# Progesterone, ng/ml

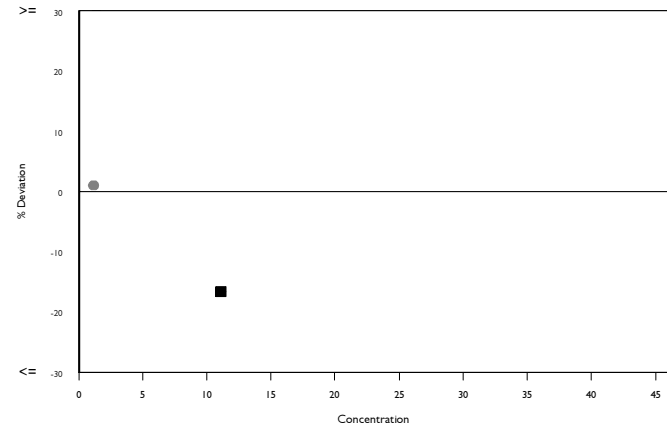
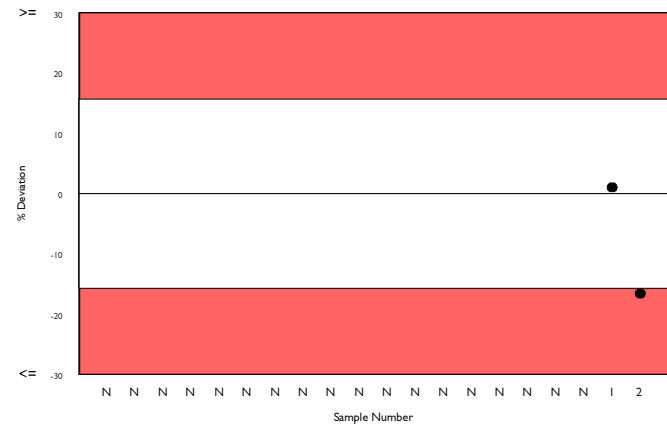
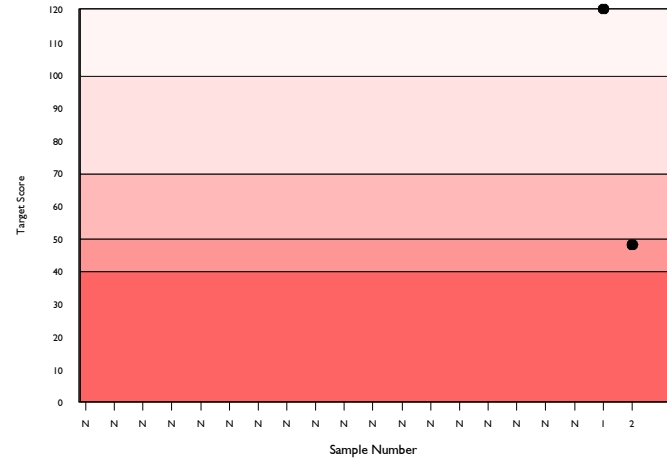
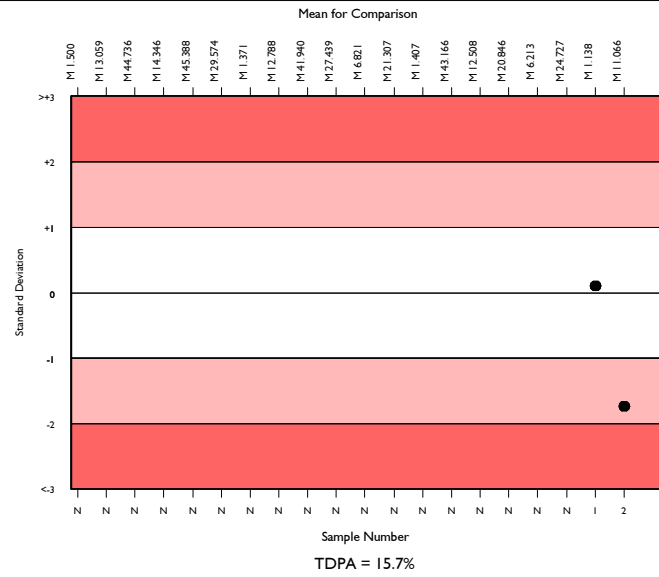
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1332	9.978	11.2	0.04	0.95	93
bioMerieux, VIDAS (<= lot 1009311690)	48	11.066	12.7	0.25	1.06	2

▲ Your Result	9.230	SDI	-1.74
		RMSDI	Too Few
■ Mean for Comparison	11.066	TS	48
		RMTS	Too Few
		%DEV	-16.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.70%
TS & %DEV outside limits	



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602 (Prog. III)	187	10.543	4.1	0.04
Abbott Architect	134	9.151	5.8	0.06
Roche Cobas e801 (Prog III)	129	10.573	3.3	0.04
Abbott Alinity i	122	8.675	5.8	0.06
Roche Cobas 4000/e411 (Prog. III)	98	10.639	4.0	0.05
Roche Cobas 4000/e411 (Prog. II)	70	10.755	5.3	0.08
Roche Cobas e601/ 602 (Prog. II)	65	10.635	5.5	0.09
Beckman DXI Prog. Cal 33555	58	9.607	9.6	0.15
Siemens Atellica IM	50	8.226	4.9	0.07
Beckman Access Prog. Cal 33555	51	9.999	5.7	0.10
Siemens Centaur XP/XPT	45	7.931	6.5	0.10
bioMerieux, VIDAS (<= lot 1009311690)	48	11.066	12.7	0.25
SNIBE Maglumi analysers	39	10.201	9.1	0.18
Tosoh AIA Series	28	11.450	9.3	0.25
Ortho Vitros 3600/5600/ECi/XT 7600	26	11.198	7.9	0.22
Siemens/DPC Immulite 2000/2500	22	7.943	5.4	0.11
Mindray CL 8000i/6000i/2000i/1200i/1000i	17	12.811	7.2	0.28
Roche Elecsys (Prog. II)	14	10.488	6.6	0.23
Siemens/DPC Immulite 1000	11	9.090	8.2	0.28
Beckman Access Prog.DE Cal. A80773	12	9.804	6.5	0.23
bioMerieux, VIDAS (>= lot 1009323920)	10	11.017	7.3	0.32

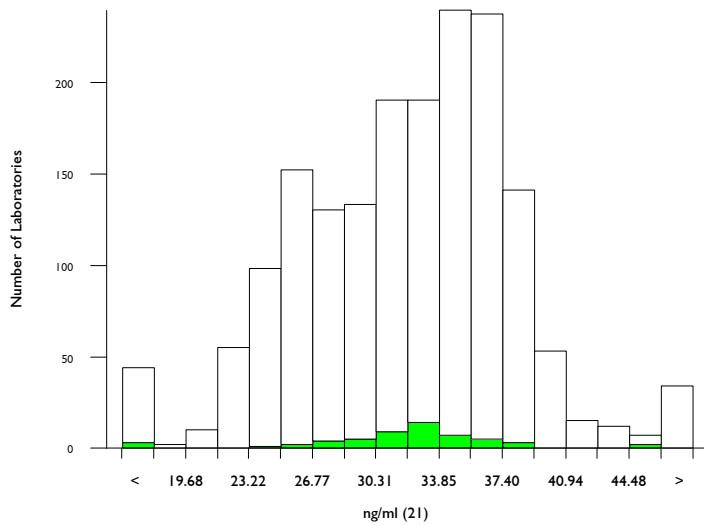


# Prolactin, ng/ml (21)

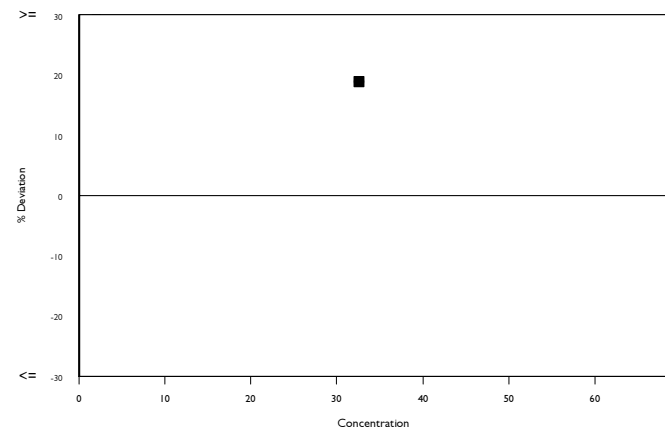
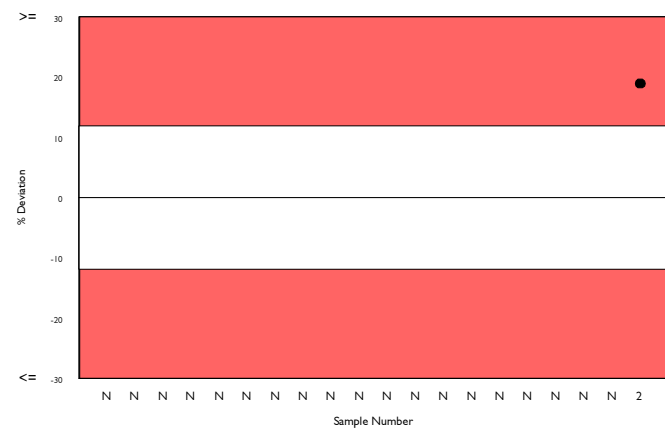
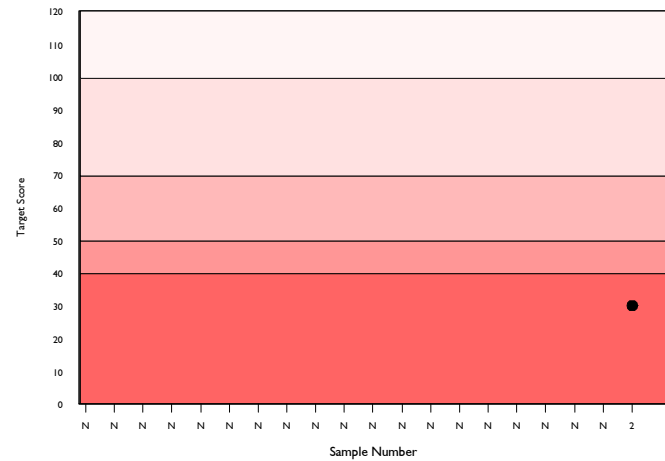
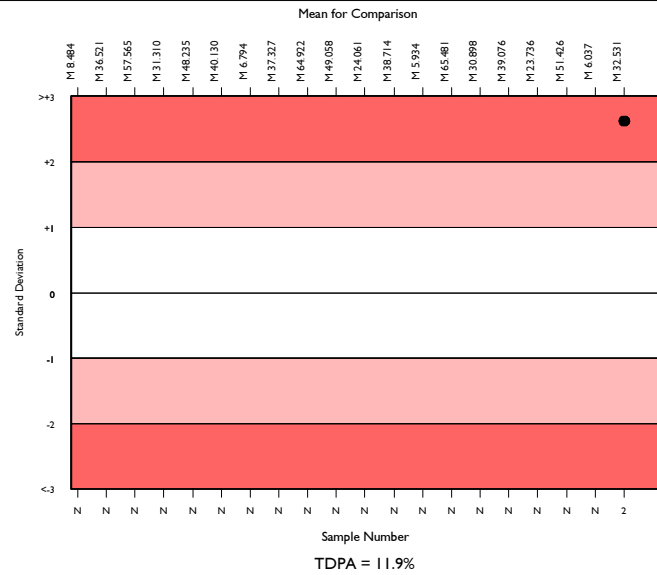
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1622	32.086	14.7	0.15	2.32	121
bioMerieux, VIDAS	48	32.531	9.0	0.53	2.35	7

▲ Your Result	38.690	SDI	2.62
		RMSDI	Too Few
■ Mean for Comparison	32.531	TS	30
		RMTS	Too Few
		%DEV	18.9
		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	246	35.804	4.3	0.12
Roche Cobas 4000/e411	215	37.239	6.2	0.20
Abbott Architect	164	30.288	6.3	0.19
Abbott Alinity i	143	31.810	5.0	0.17
Roche Cobas e801 PRL II	127	35.006	3.4	0.13
Beckman Dxl 600/800	93	25.899	5.8	0.20
Beckman Access/LXi725	77	26.746	7.7	0.29
Siemens Atellica IM	61	23.371	5.2	0.19
Siemens Centaur XP/XPT	58	24.588	4.6	0.18
SNIBE Maglumi analysers	53	32.646	5.5	0.31
Ortho Vitros 3600/5600/ECi/XT 7600	52	26.335	4.1	0.19
bioMerieux, VIDAS	48	32.531	9.0	0.53
Roche Elecsys/EI170/Cobas e601/ 602 PRLII	28	35.925	4.2	0.36
Mindray CL 8000i/6000i/2000i/1200i/1000i	28	34.324	8.8	0.71
Tosoh AIA Series	26	29.607	16.2	1.17
Siemens/DPC Immulite 2000/2500	28	26.753	4.5	0.29
Roche Elecsys	19	37.303	5.3	0.57
DiaSorin Liaison XL	10	37.011	5.6	0.81
Siemens/DPC Immulite 1000	11	30.020	11.6	1.31
Immunotech IRMA	7	31.014	2.4	0.35
Tosoh AIA-CL Series	8	33.232	10.1	1.49



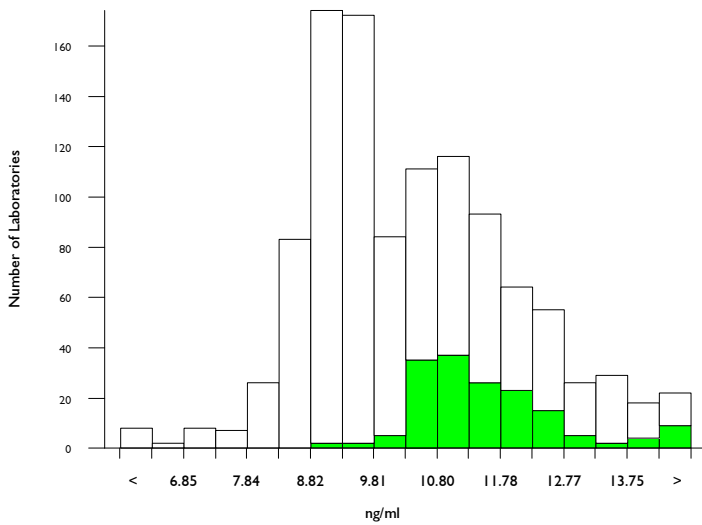


# PSA, Free, ng/ml

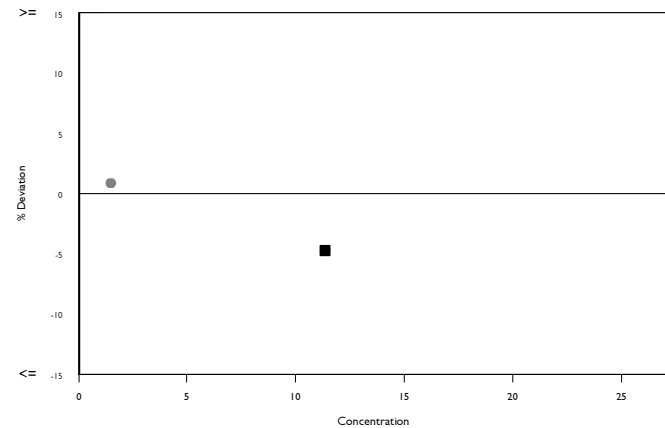
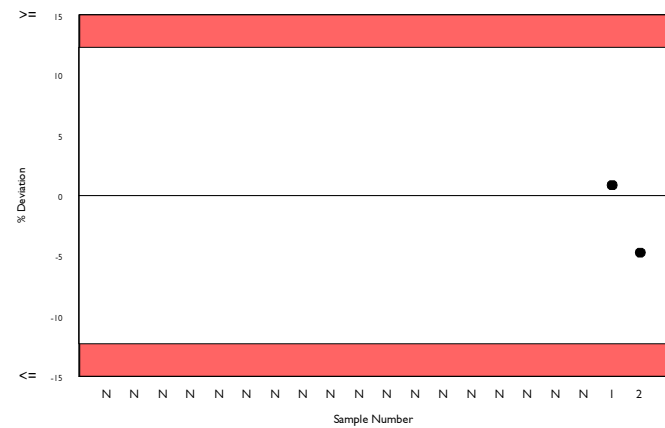
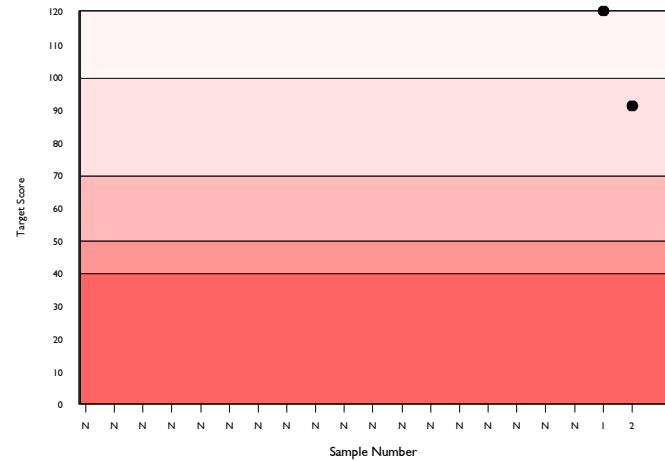
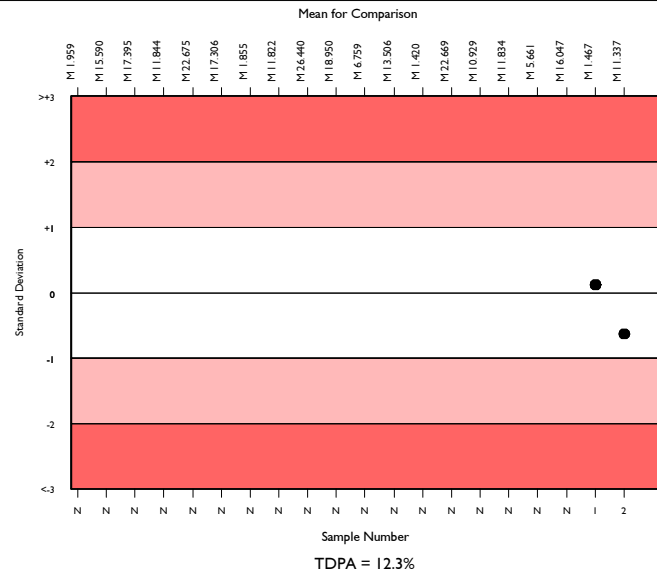
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1025	10.307	12.8	0.05	0.77	83
Abbott Architect	148	11.337	6.6	0.08	0.85	17

▲ Your Result	10.800	SDI	-0.63
		RMSDI	Too Few
■ Mean for Comparison	11.337	TS	91
		RMTS	Too Few
		%DEV	-4.7
		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	158	9.410	4.9	0.05
Abbott Architect	148	11.337	6.6	0.08
Abbott Alinity i	116	11.126	4.8	0.06
Roche Cobas e402/e801	110	9.071	3.3	0.04
Roche Cobas 4000/e411	101	9.388	5.4	0.06
Beckman DXI standardised to Hybritech	62	12.831	7.1	0.15
Siemens Atellica IM	43	11.124	4.6	0.10
Siemens Centaur XP/XPT	43	10.372	6.0	0.12
Beckman Access standardised to Hybritech	32	13.002	4.9	0.14
SNIBE Maglumi analysers	22	8.873	9.4	0.22
Tosoh AIA Series	21	9.343	6.4	0.16
BioMerieux VIDAS	12	12.542	18.6	0.84
Siemens/DPC Immulite 2000/2500	19	9.645	4.6	0.13
Mindray CL 8000i/6000i/2000i/1200i/1000i	19	11.908	5.6	0.19
Ortho Vitros 3600/5600/ECi PSA II/XT7600	20	8.825	3.9	0.10
Roche Elecsys	11	9.521	3.1	0.11
DiaSorin Liaison XL	10	10.170	8.4	0.34
Beckman DXI standard to WHO IRP96/670	9	11.734	12.7	0.62
Tosoh AIA-CL Series	8	11.221	2.6	0.13
Immotech IRMA	4	7.981	1.3	0.06
Beckman Access standard to WHO IRP96/670	5	12.744	9.7	0.69

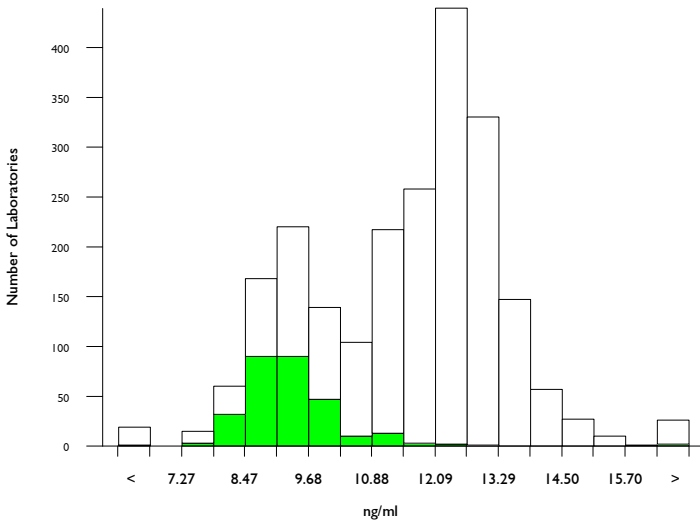


# PSA, Total, ng/ml

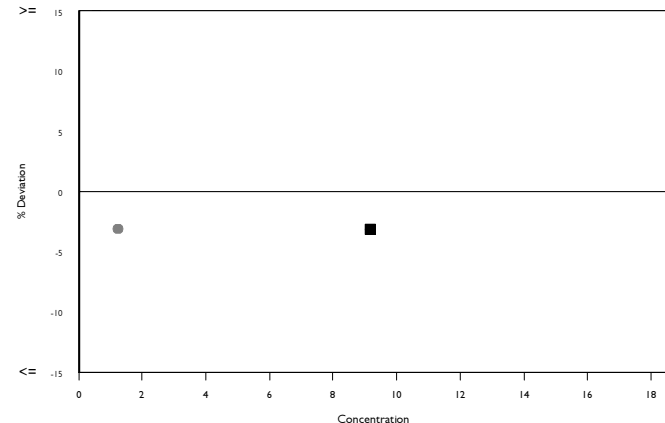
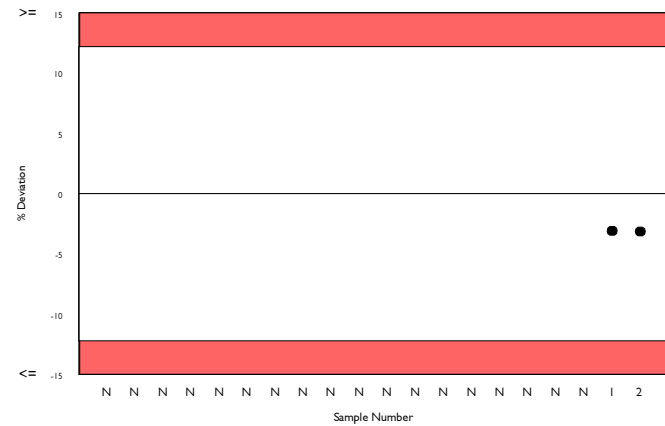
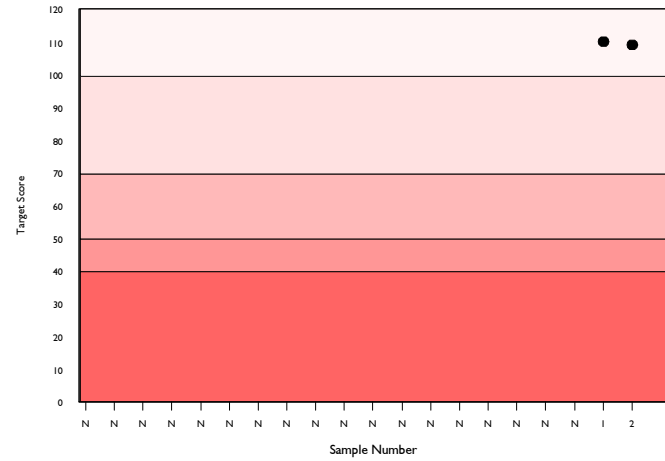
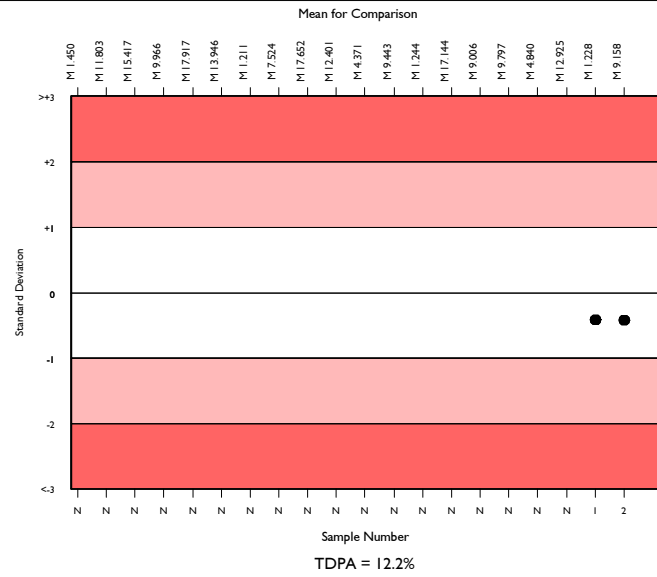
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2152	11.490	14.0	0.04	0.85	86
Abbott Architect	266	9.158	6.1	0.04	0.68	29

▲ Your Result	8.870	SDI	-0.42
		RMSDI	Too Few
■ Mean for Comparison	9.158	TS	109
		RMTS	Too Few
		%DEV	-3.1
		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	359	12.553	3.6	0.03
Abbott Architect	266	9.158	6.1	0.04
Roche Cobas 4000/e411	251	12.623	6.1	0.06
Abbott Alinity i	193	9.355	4.9	0.04
Roche Cobas e402/e801	175	12.013	3.9	0.04
Beckman DXI standardised to Hybritech	109	12.958	5.4	0.08
Beckman Access standardised to Hybritech	96	13.511	5.7	0.10
Siemens Centaur XP/XPT	81	11.533	6.1	0.10
Siemens Atellica IM	81	11.501	4.0	0.06
Ortho Vitros 3600/5600/ECi PSA II/XT7600	52	12.774	4.1	0.09
SNIBE Maglumi analysers	53	10.662	8.5	0.15
Mindray CL 8000i/6000i/2000i/1200i/1000i	47	12.071	6.3	0.14
Tosoh AIA Series	35	8.289	6.6	0.12
Roche Elecsys	28	12.709	7.3	0.22
Ortho Vitros 3600/5600/ECi	24	12.590	6.9	0.22
bioMerieux, Vidas TPSA	22	11.035	4.6	0.14
Siemens Immulite 2000/2500, Total PSA	20	9.447	8.6	0.23
DiaSorin Liaison XL	21	11.678	6.6	0.21
Beckman Access standard to WHO IRP96/670	14	13.649	4.6	0.21
bioMerieux, VIDAS	16	10.791	9.8	0.33
Siemens Centaur CP	15	11.265	6.5	0.24

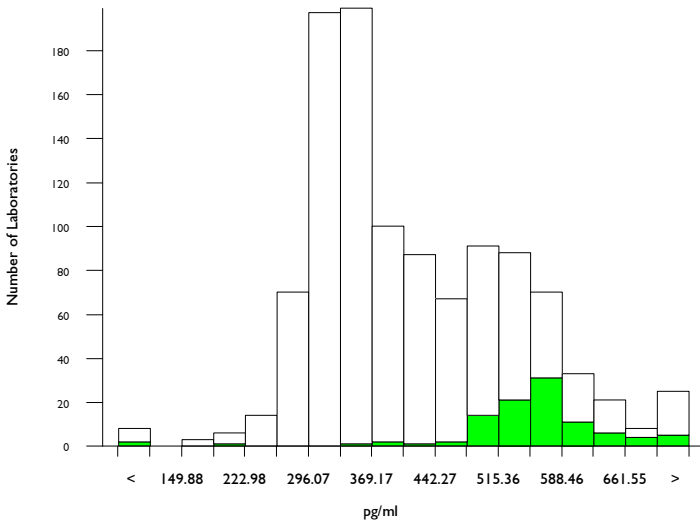


# Parathyroid hormone, pg/ml

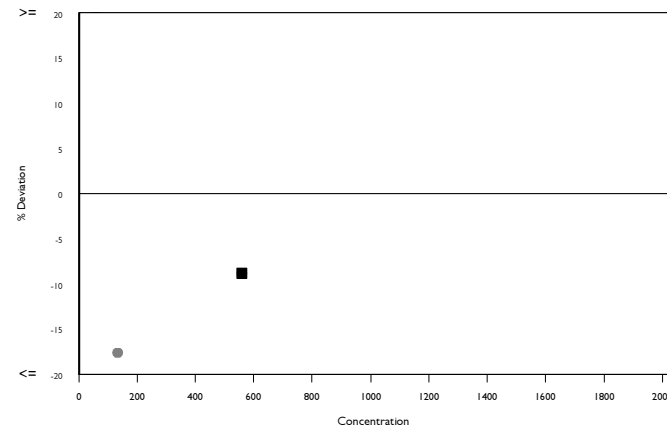
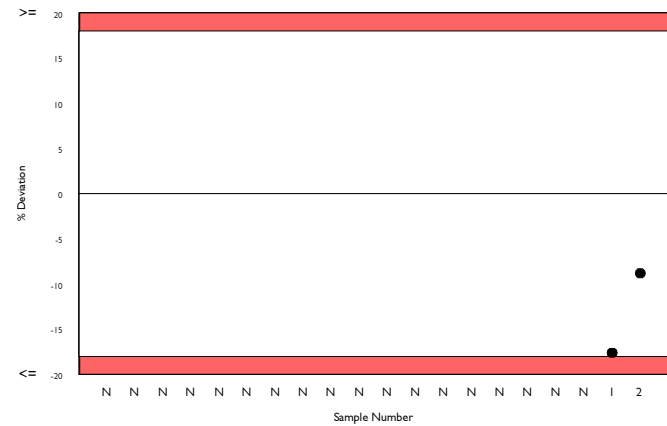
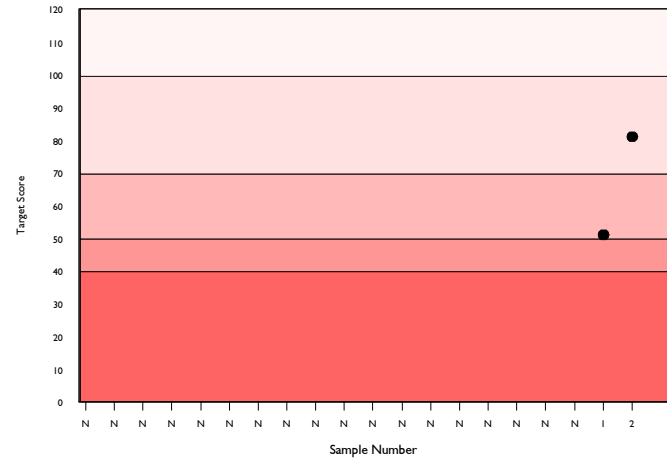
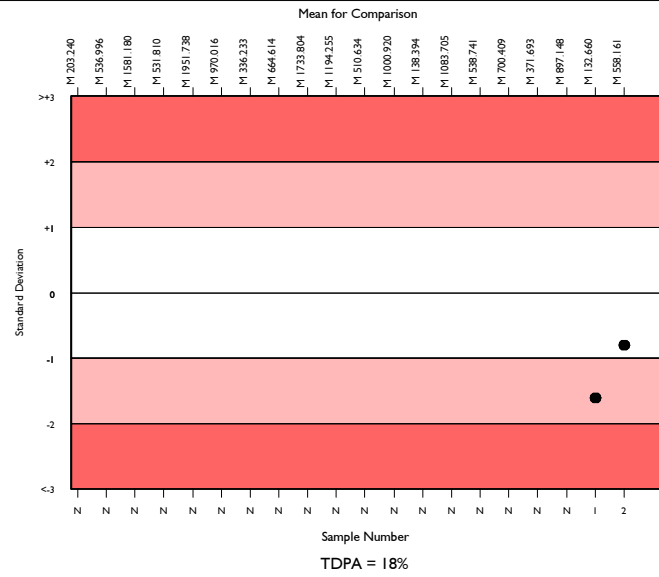
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1024	405.723	24.0	3.81	44.40	63
Abbott Architect	87	558.161	8.1	6.09	61.08	14

▲ Your Result	509.000	SDI	-0.80
		RMSDI	Too Few
■ Mean for Comparison	558.161	TS	81
		RMTS	Too Few
		%DEV	-8.8
		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 4000/e411 PTH	105	356.772	8.0	3.46
Roche Cobas e601/ 602 PTH	105	330.270	4.6	1.84
Abbott Architect	87	558.161	8.1	6.09
Beckman Dxl 600/800	74	413.301	5.4	3.27
Abbott Alinity i	76	547.307	6.0	4.69
Roche Cobas e801 PTH	62	318.363	5.0	2.54
Beckman Access/LXi725	39	417.842	7.4	6.17
Siemens Centaur CP/XP/XPT	36	494.693	4.8	4.96
Siemens Atellica IM	37	482.476	4.8	4.77
Roche Cobas e601/ 602 PTH (1-84)	38	324.817	7.8	5.15
Ortho Vitros 3600/5600/ECi/XT 7600	32	493.894	7.3	7.92
SNIBE Maglumi analysers	30	581.627	9.8	13.03
bioMerieux VIDAS PTH (1-84)	29	269.188	9.5	5.93
Roche Cobas 4000/e411 PTH STAT	30	354.238	8.4	6.82
Roche Cobas e601/ 602 PTH STAT	21	325.707	3.5	3.13
Roche Elecsys PTH	20	340.375	6.2	5.89
Roche Cobas 4000/e411 PTH (1-84)	22	330.254	11.1	9.78
Roche Cobas e801 PTH (1-84)	21	308.217	10.1	8.48
Roche Cobas e801 PTH STAT	19	320.331	4.1	3.75
Siemens/DPC Immulite 2000	17	608.971	7.8	14.36
Tosoh AIA Series	17	459.682	7.7	10.78

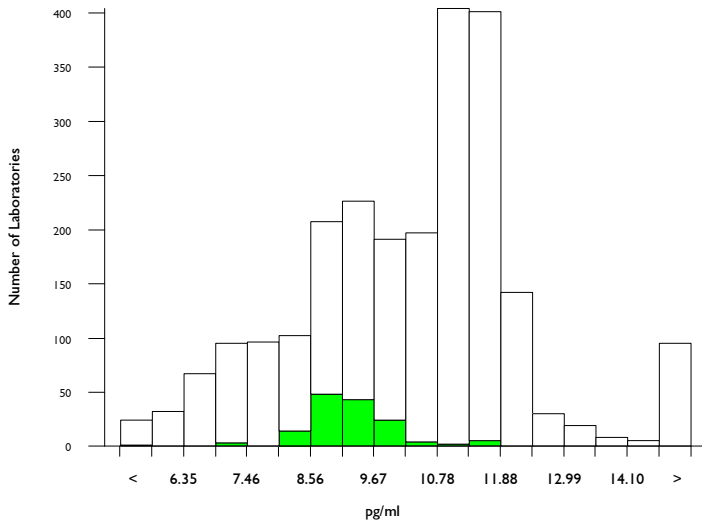


# Free T3, pg/ml

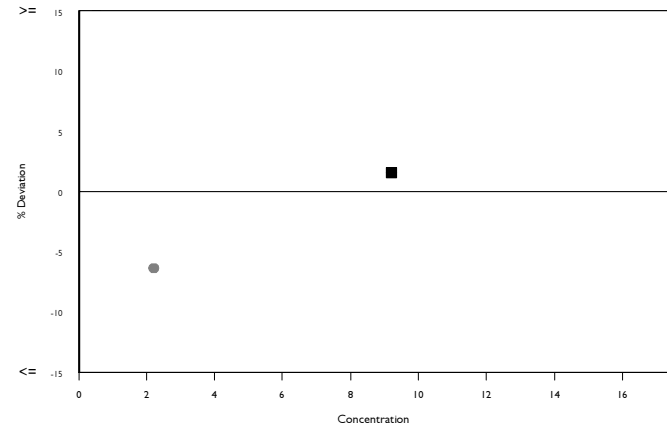
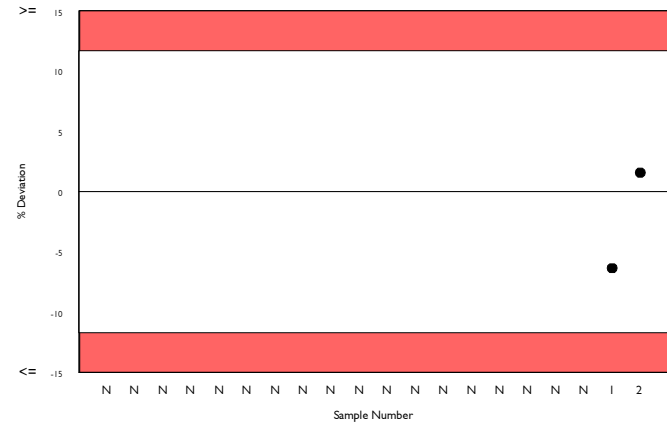
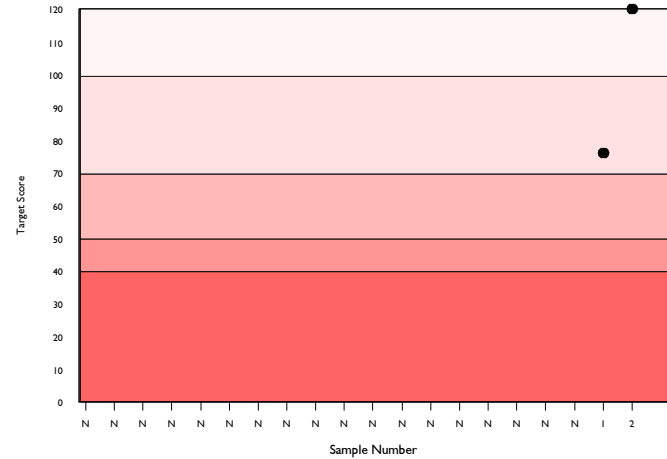
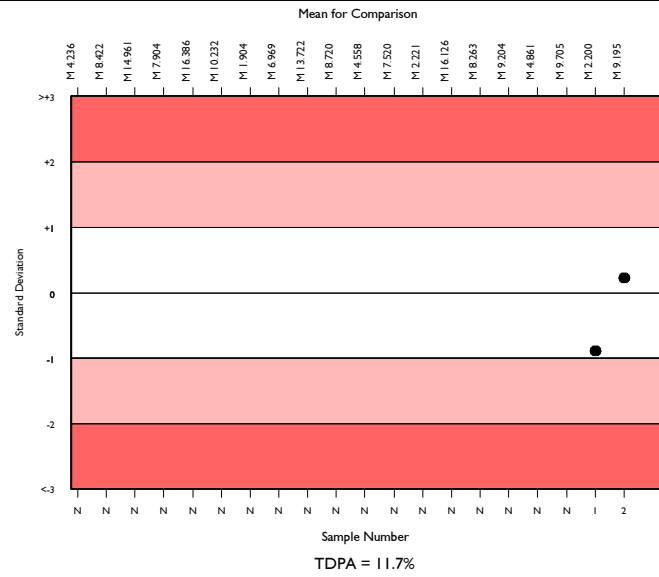
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
<input type="checkbox"/> All Methods	2138	10.228	14.4	0.04	0.73	219
<input checked="" type="checkbox"/> Abbott Architect, 6 point cal	131	9.195	5.6	0.06	0.65	14

<input checked="" type="checkbox"/> Your Result	9.340	SDI	0.22
		RMSDI	Too Few
<input checked="" type="checkbox"/> Mean for Comparison	9.195	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	11.70%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	361	11.456	3.2	0.02
Roche Cobas 4000/e411	259	11.222	5.0	0.04
Roche Cobas e402/e801	215	11.352	3.0	0.03
Abbott Alinity, 6 point cal	149	9.216	5.1	0.05
Beckman Dxl 600/800	150	6.868	7.5	0.05
Abbott Architect, 6 point cal	131	9.195	5.6	0.06
Abbott Architect, 2 point cal	125	9.120	6.2	0.06
Beckman Access/LXi725	120	7.822	9.1	0.08
Siemens Atellica IM	94	10.395	3.4	0.05
Siemens Centaur XP/XPT	87	9.793	3.7	0.05
Ortho Vitros 3600/5600/ECi/XT/7600	64	21.526	4.2	0.14
SNIBE Maglumi analysers	59	11.640	6.4	0.12
Mindray CL 8000i/6000i/2000i/1200i/1000i	40	9.271	5.7	0.11
Tosoh AIA Series	41	13.104	7.9	0.20
BioMerieux VIDAS	37	8.866	7.4	0.14
Roche Elecsys	38	11.246	4.2	0.10
Abbott Alinity, 2 point cal	38	9.129	5.4	0.10
DiaSorin Liaison XL	22	11.925	5.3	0.17
Siemens/DPC Immulite 2000/2500	19	7.682	8.0	0.18
Siemens Centaur CP	17	10.039	4.7	0.14
Sysmex HISCL Series	11	10.838	1.9	0.08

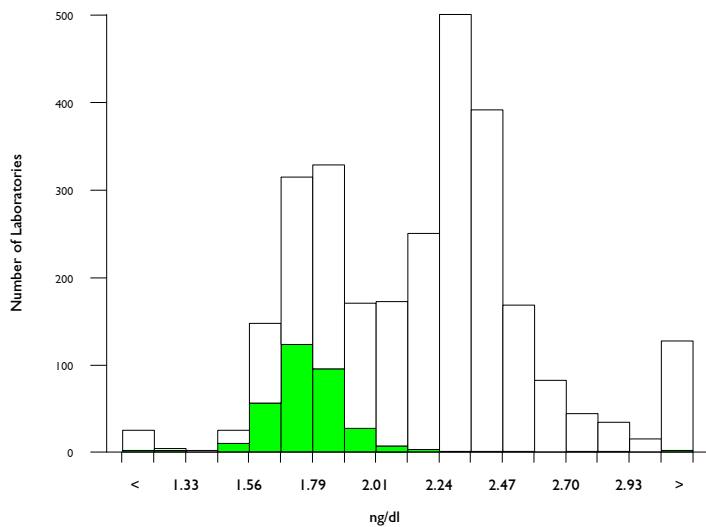


# Free T4, ng/dl

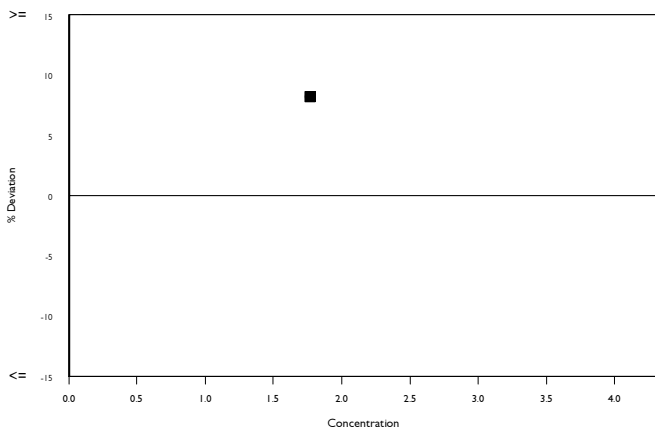
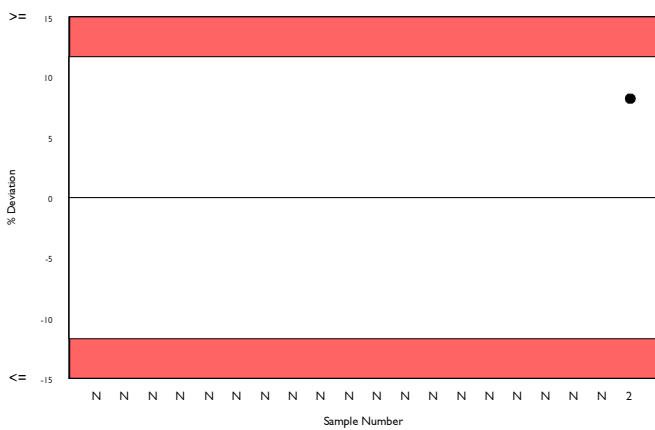
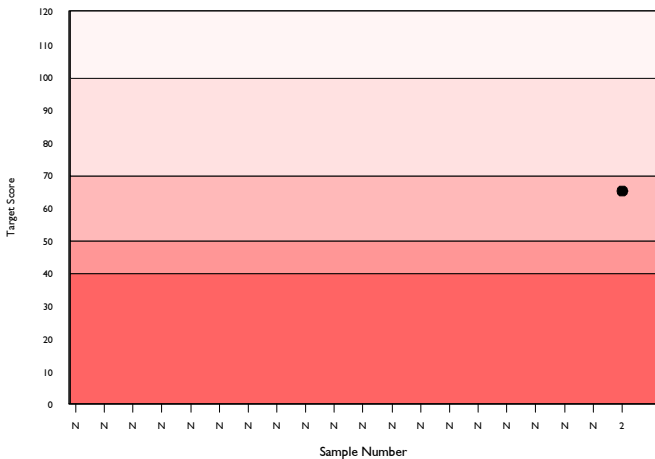
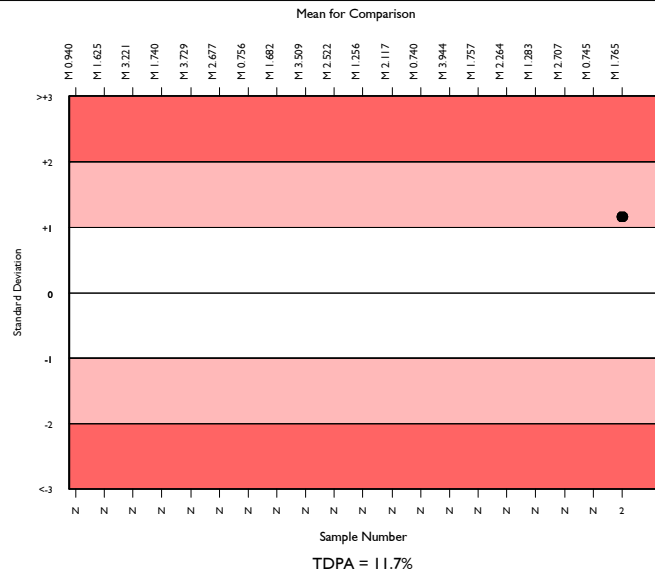
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2588	2.133	14.3	0.01	0.15	212
Abbott Architect	307	1.765	5.6	0.01	0.13	26

▲ Your Result	1.910	SDI	1.15
		RMSDI	Too Few
■ Mean for Comparison	1.765	TS	65
		RMTS	Too Few
		%DEV	8.2
		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 e601/ 602	447	2.335	4.0	0.01
Roche Cobas 4000/e411	320	2.347	4.8	0.01
Abbott Architect	307	1.765	5.6	0.01
Roche Cobas e402/e801	256	2.387	4.3	0.01
Abbott Alinity i	222	1.735	5.7	0.01
Beckman Dxl 600/800	178	1.974	6.5	0.01
Beckman Access/LXi725	136	2.040	6.3	0.01
Siemens Atellica IM	101	1.854	3.5	0.01
Siemens Centaur XP/XPT	91	1.802	4.0	0.01
Ortho Vitros 3600/5600/ECi/XT/7600	85	5.005	4.6	0.03
SNIBE Maglumi analysers	74	2.715	7.2	0.03
Mindray CL 8000i/6000i/2000i/1200i/1000i	52	2.317	4.8	0.02
Tosoh AIA Series	44	2.302	6.7	0.03
Roche Elecsys	37	2.301	3.8	0.02
bioMerieux, VIDAS-FT4N Kit	36	2.590	4.9	0.03
DiaSorin Liaison XL	28	2.816	5.3	0.04
Siemens/DPC Immulite 2000/2500	25	2.453	5.8	0.04
Siemens Centaur CP	20	1.810	4.8	0.02
ImmunoTech RIA	15	1.627	5.6	0.03
Sysmex HISCL Series	14	2.383	4.1	0.03
Siemens/DPC Immulite 1000	14	2.621	13.6	0.12

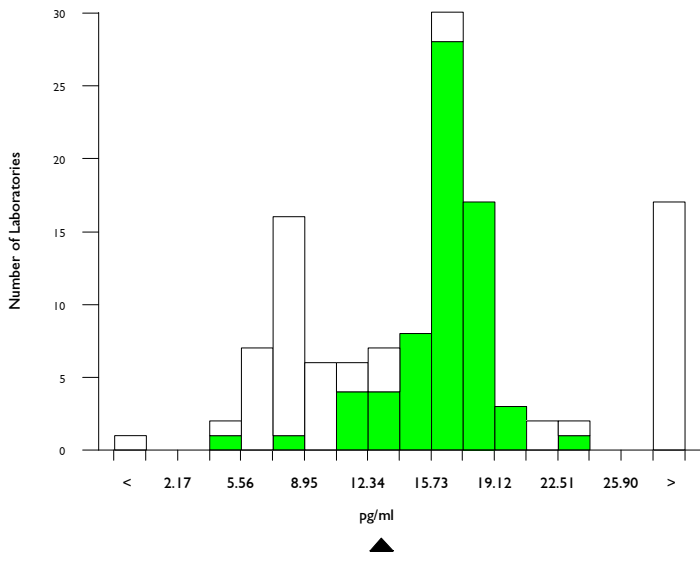


# Free Testosterone (Pilot), pg/ml

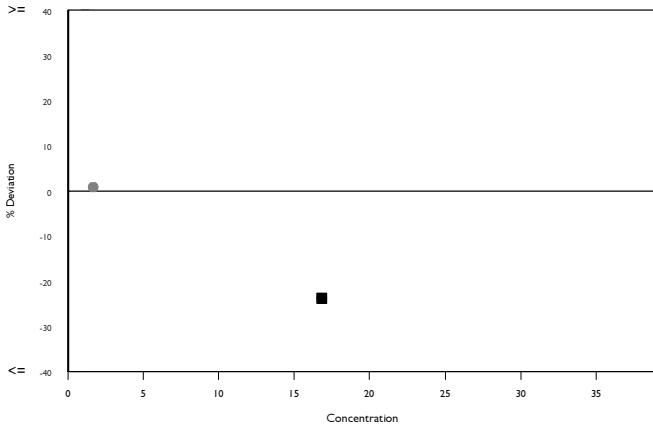
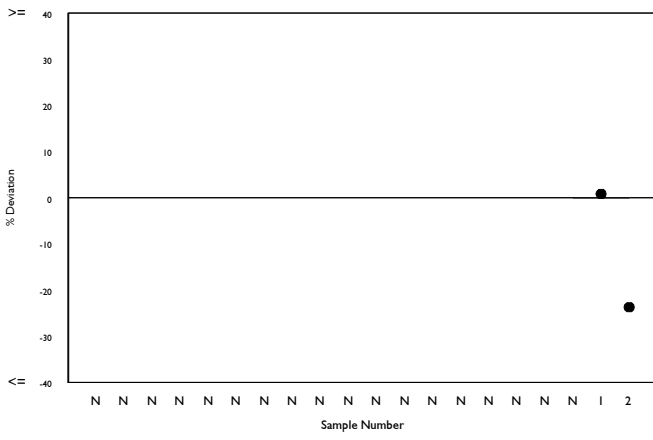
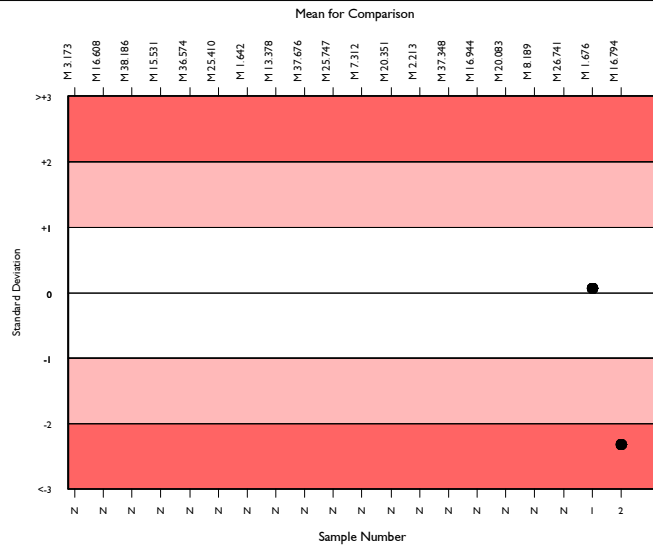
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	105	14.041	32.2	0.55	4.52	19
SNIBE Maglumi analysers	60	16.794	10.2	0.28	1.72	7

▲ Your Result	12.810	SDI	-2.32
		RMSDI	Too Few
■ Mean for Comparison	16.794	TS	N/A
		RMTS	N/A
		%DEV	-23.7
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
SNIBE Maglumi analysers	60	16.794	10.2	0.28
Calculated	9	78.749	15.2	5.00
ELISA	5	8.426	9.8	0.46
DRG ELISA	5	8.732	11.3	0.55
IDS Free Testosterone	5	8.162	3.1	0.14
Diametra ELISA	3	8.257	44.2	2.63
DIAsource, RIA	4	6.875	13.7	0.59
Novatec ELISA	4	12.050	31.1	2.34
Abbott Architect	2	72.752	26.6	17.13
Roche Cobas 6000/8000	2	87.845	5.9	4.62
DSL/Beckman Coulter, RIA	1	11.100	0.0	0.00
IBL ELISA	2	17.195	31.5	4.78
Immunotech RIA	2	7.030	11.1	0.69
Monobind Inc. ELISA / CLIA	2	13.145	35.8	4.16
Roche Cobas 4000/e411	2	97.889	10.3	8.89

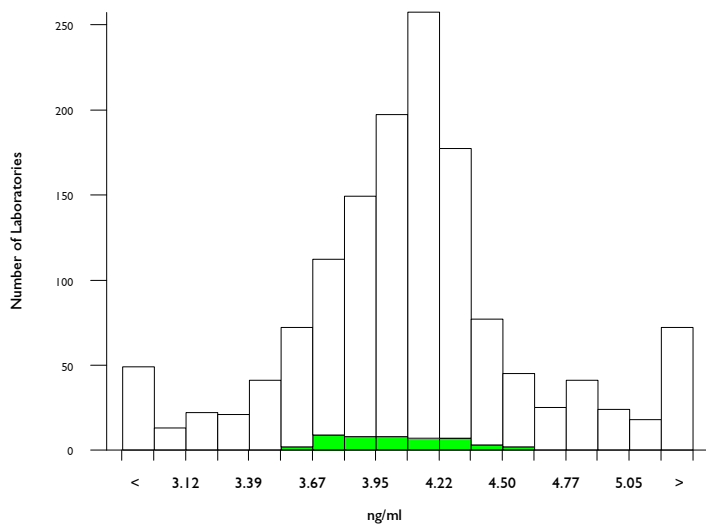
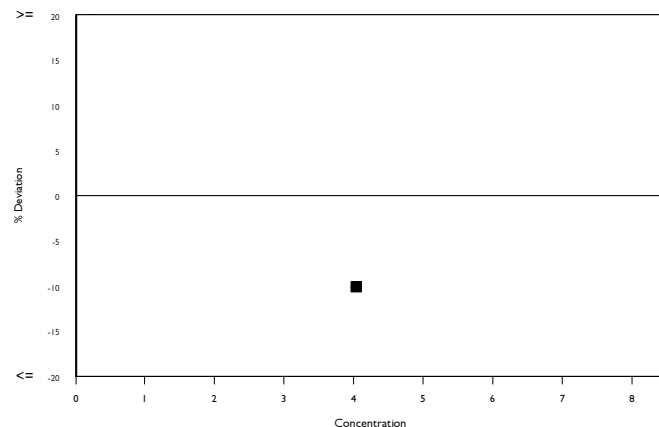
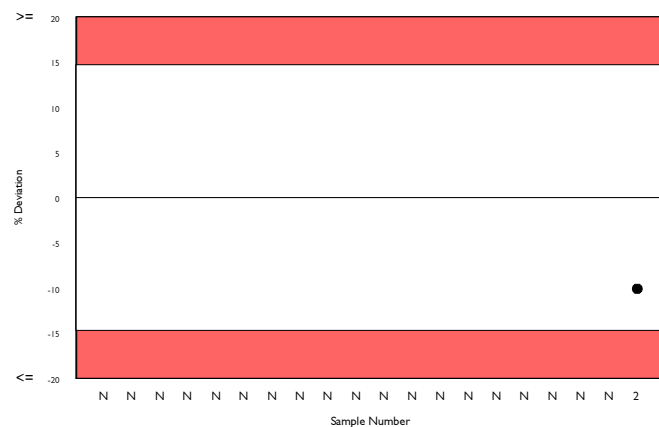
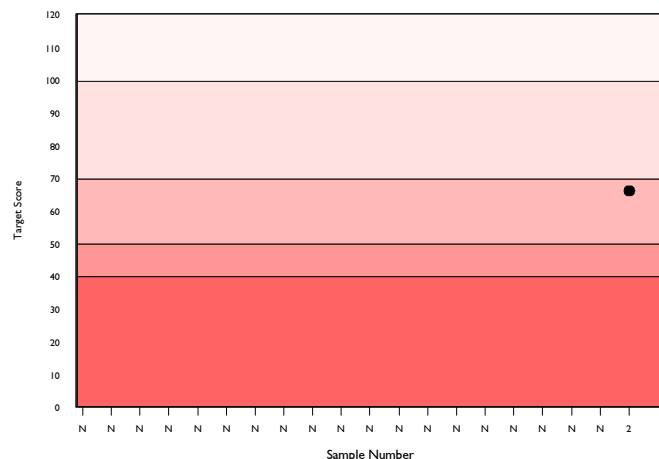
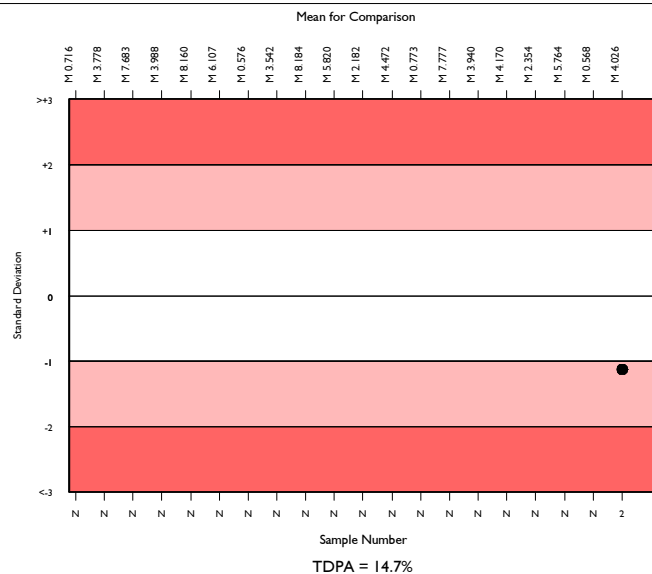


# Testosterone, ng/ml

	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1269	4.089	9.0	0.01	0.37	146
Abbott Architect 2nd gen	45	4.026	6.2	0.05	0.36	1

▲ Your Result	3.620	SDI	-1.13
		RMSDI	Too Few
■ Mean for Comparison	4.026	TS	66
		RMTS	Too Few
		%DEV	-10.1
		RM%DEV	Too Few

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



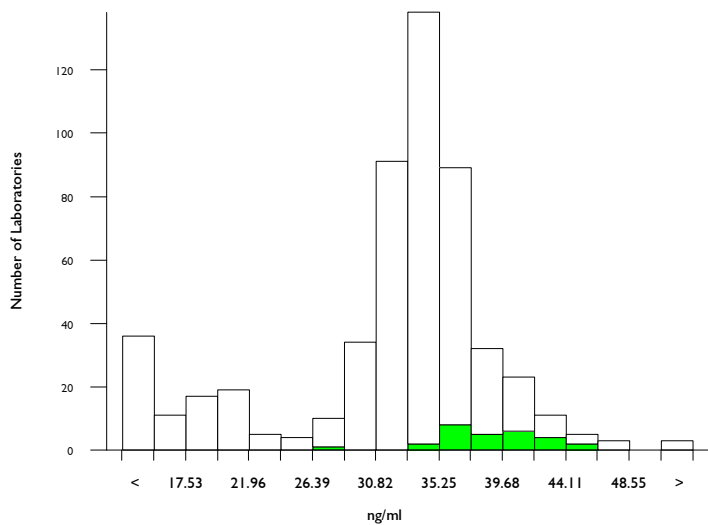
Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602 Test II	186	4.172	4.6	0.02
Roche Cobas 4000/e411 Test II	184	4.132	4.7	0.02
Roche Cobas e801 Test II	118	4.096	3.6	0.02
Abbott Alinity i	113	4.082	4.7	0.02
Abbott Architect	87	4.051	6.1	0.03
Beckman Dxl 600/800	91	3.600	6.4	0.03
Beckman Access/LXi725	61	3.875	6.8	0.04
Siemens Atellica IM	56	4.247	6.2	0.04
SNIBE Maglumi analysers	50	3.563	26.7	0.17
Abbott Architect 2nd gen	45	4.026	6.2	0.05
Ortho Vitros 3600/5600/ECi/XT 7600	36	5.052	5.7	0.06
bioMerieux VIDAS Testosterone II	32	3.562	7.1	0.06
Siemens/DPC Immulite 2000/2500	30	4.424	10.3	0.10
bioMerieux, VIDAS	28	3.787	7.3	0.07
Siemens Centaur XP/XPT TSTII	28	4.263	7.0	0.07
Mindray CL 8000i/6000i/2000i/1200i/1000i	23	5.697	8.9	0.13
Roche Elecsys Test II	24	4.110	5.6	0.06
Tosoh AIA Series	17	4.850	7.3	0.11
Siemens Centaur XP/XPT TSTO	16	4.235	9.8	0.13
DiaSorin Liaison XL	10	2.685	25.0	0.26
Tosoh AIA-CL Series	7	5.879	24.3	0.68

# Thyroglobulin, ng/ml

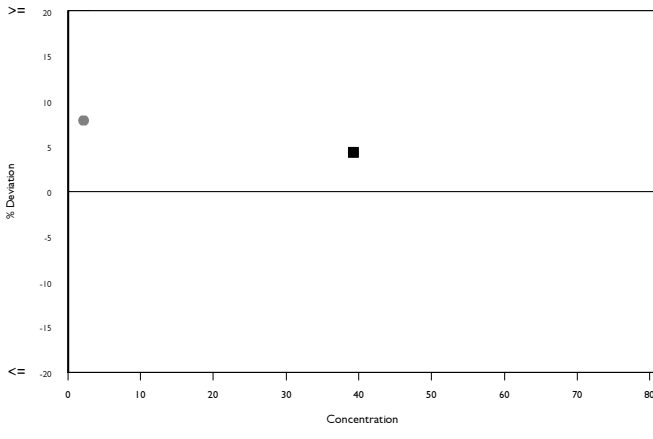
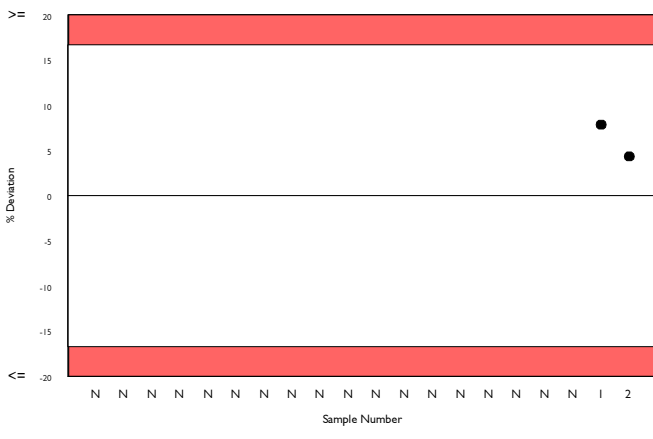
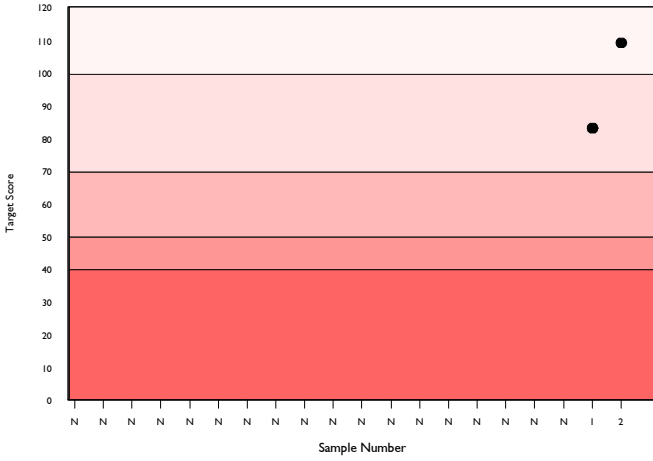
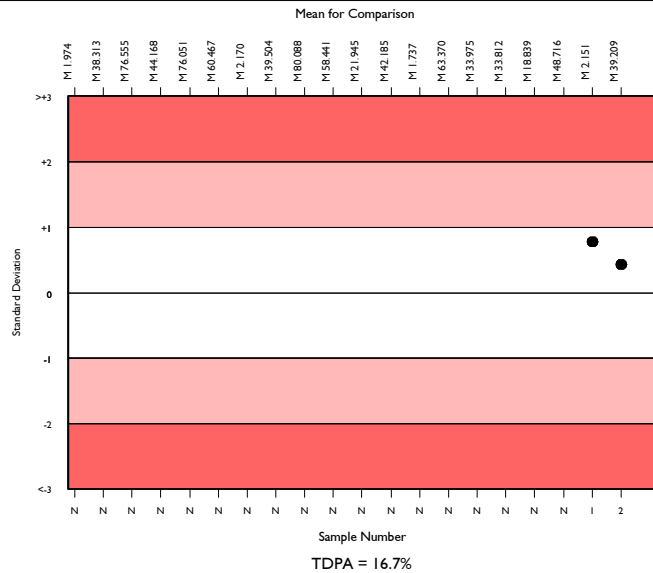
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	493	33.041	17.9	0.33	3.35	39
Abbott Architect	27	39.209	7.7	0.72	3.98	1

▲ Your Result	40.910	SDI	0.43
		RMSDI	Too Few
■ Mean for Comparison	39.209	TS	109
		RMTS	Too Few
		%DEV	4.3
		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	71	33.623	4.9	0.25
Roche Cobas e801 Tg II	52	33.112	3.8	0.22
Siemens Immulite 2000/2500	39	19.121	10.6	0.41
Beckman Dxl 600/800	40	34.609	7.0	0.48
Roche Cobas 4000/e411	37	34.148	6.3	0.44
Roche Cobas 4000/e411 TgII	36	33.987	4.9	0.35
Roche Cobas e601/602	29	34.282	4.8	0.38
Abbott Architect	27	39.209	7.7	0.72
Beckman Access	25	34.551	8.7	0.76
Abbott Alinity i	23	38.409	5.1	0.51
SNIBE Maglumi analysers	14	3.642	3.7	0.05
Beckman IRMA	13	35.257	4.9	0.60
Roche Elecsys Tg II	10	34.626	5.2	0.72
DiaSorin, Liaison XL TG II Gen	9	42.473	7.2	1.27
Siemens Atellica IM	9	28.965	3.5	0.42
Tosoh AIA Series	8	36.725	6.5	1.06
DiaSorin Liaison XL	7	43.977	5.4	1.13
Roche Elecsys	7	33.500	6.3	0.99
Siemens Immulite 1000	5	18.880	5.1	0.53
Mindray CL 8000i/6000i/2000i/1200i/1000i	6	9.555	3.3	0.16
DiaSorin, Liaison TG II Gen	5	40.832	11.5	2.62



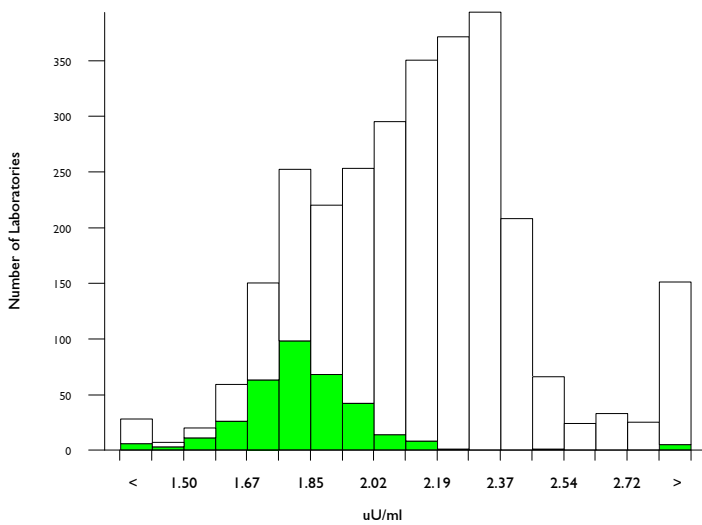


# TSH, uU/ml

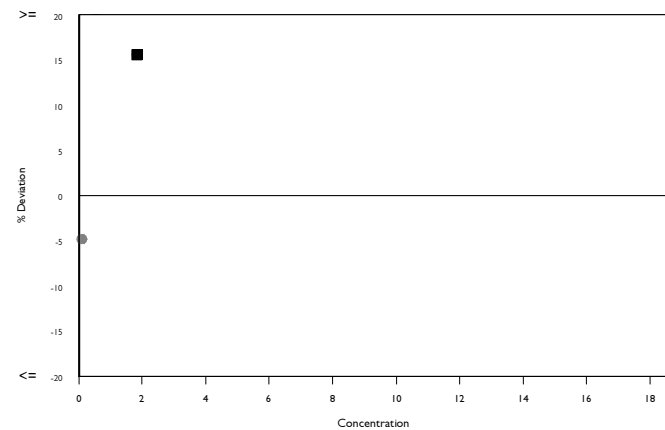
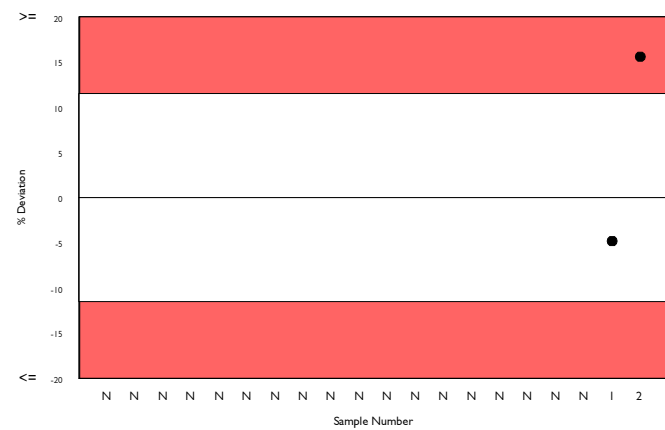
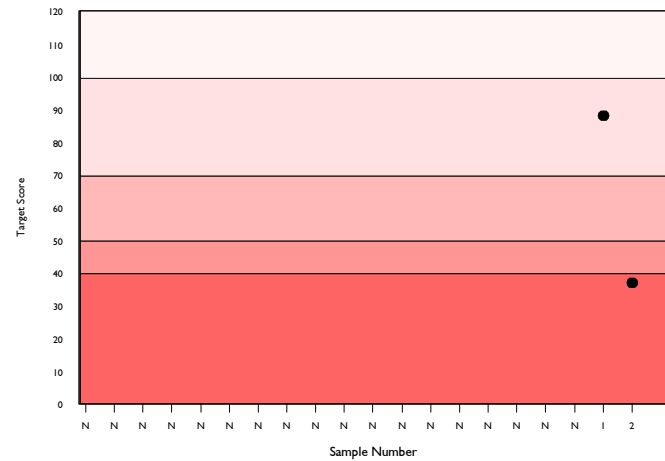
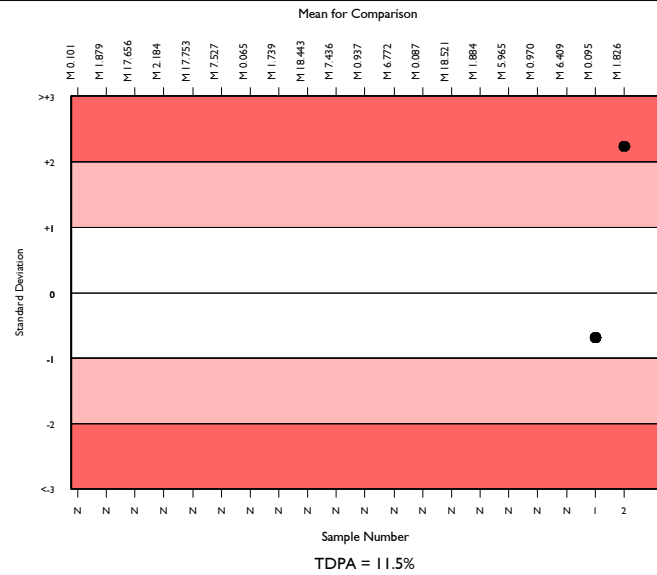
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2676	2.112	11.0	0.01	0.15	229
Abbott Architect	314	1.826	6.0	0.01	0.13	32

▲ Your Result	2.110	SDI	2.23
		RMSDI	Too Few
■ Mean for Comparison	1.826	TS	37
		RMTS	Too Few
		%DEV	15.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.50%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	435	2.315	3.0	0.00
Roche Cobas 4000/e411	336	2.340	4.1	0.01
Abbott Architect	314	1.826	6.0	0.01
Roche Cobas e402/e801	264	2.160	3.8	0.01
Abbott Alinity i	223	1.789	3.3	0.00
Beckman DXI600/800/ Access 2 (3rd IS)	217	2.026	5.0	0.01
Siemens Atellica IM	107	2.101	4.7	0.01
SNIBE Maglumi analysers	75	2.184	3.6	0.01
Ortho Vitros 3600/5600/ECi/XT 7600	58	2.077	8.0	0.03
Mindray CL 8000i/6000i/2000i/1200i/1000i	52	2.742	6.6	0.03
Access/LXi725 hyper TSH 3rd gen	51	2.052	4.2	0.02
Tosoh AIA Series	53	3.226	10.9	0.06
Siemens Centaur XP TSH3-Ultra	49	2.111	5.3	0.02
Siemens Centaur XP/XPT	45	2.195	6.1	0.03
Roche Elecsys	39	2.333	4.8	0.02
Ortho Vitros TSH3	34	2.019	5.5	0.02
bioMerieux, VIDAS, TSH	32	2.077	6.0	0.03
Beckman Dxl 600/800 1st generation	29	2.010	4.2	0.02
DiaSorin Liaison XL	29	2.870	5.6	0.04
Siemens/DPC Immulite 2000/2500	24	2.132	8.1	0.04
Beckman Dxl 600/800 Hyper TSH	18	1.929	5.0	0.03



# Valproic acid, ug/ml

	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	275	77.396	6.0	0.35	5.51	24
Abbott Architect (CMIA)	42	73.407	6.1	0.87	5.22	4

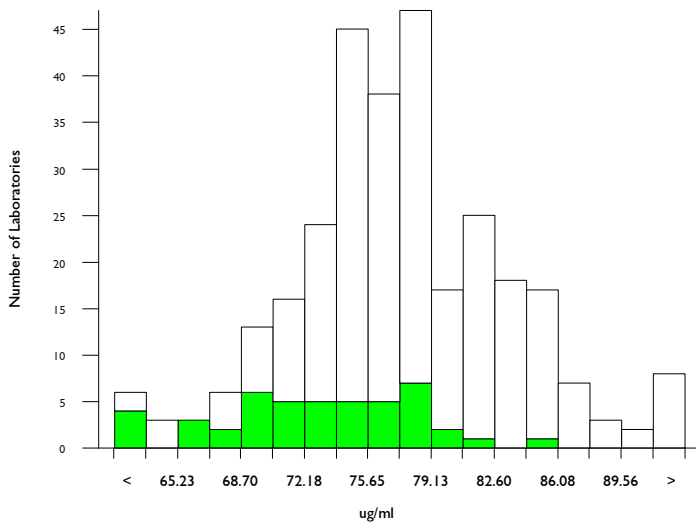
▲ Your Result	62.150	SDI	-2.16
		RMSDI	Too Few
■ Mean for Comparison	73.407	TS	38
		RMTS	Too Few
		%DEV	-15.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation: N/A

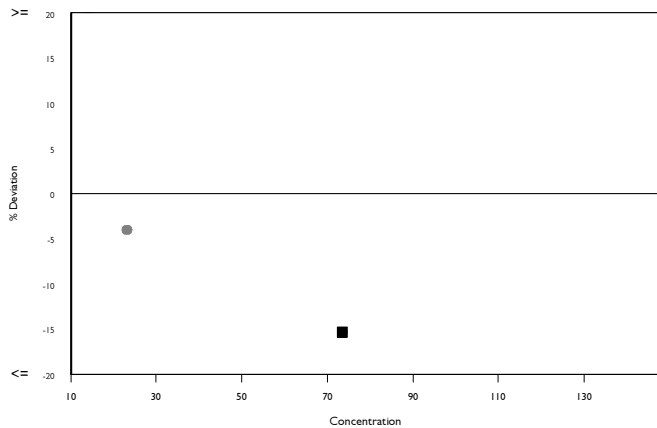
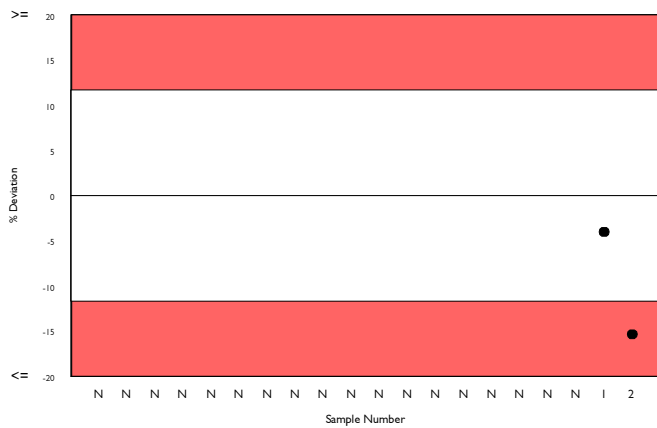
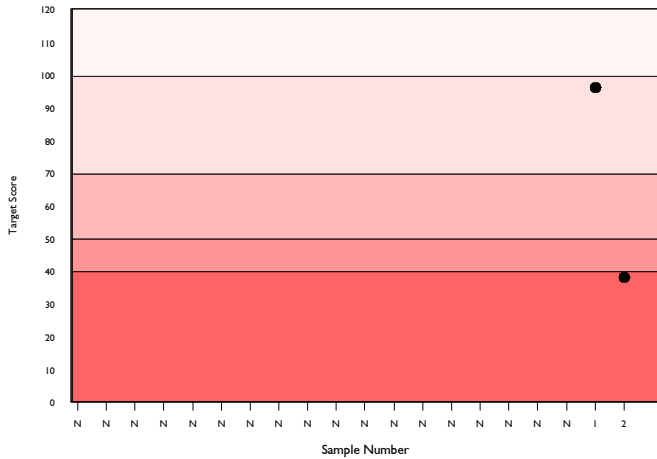
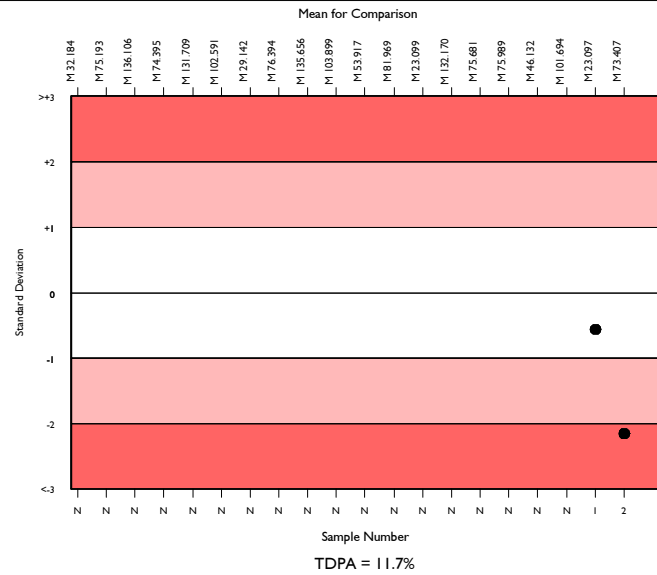
Acceptable limits of performance for RIQAS: 11.70%

SDI in bottom 5% of peer group

TS & %DEV outside limits



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	69	76.640	5.1	0.59
Abbott Architect (CMIA)	42	73.407	6.1	0.87
Abbott Alinity (PETINA)	39	77.417	5.7	0.88
Roche Integra	20	76.927	5.3	1.15
Beckman AU Instruments	13	81.085	4.8	1.34
Siemens Atellica CH	15	77.099	2.9	0.73
Abbott Alinity (CMIA)	12	80.751	5.6	1.64
Siemens/DPC Immulite 2000/2500	12	79.758	5.9	1.69
Siemens Centaur XP/XPT	9	84.231	5.1	1.79
Abbott Architect (PETINIA)	5	77.944	3.2	1.38
Ortho Vitros 4600/5600/5.1/XT 7600	5	77.640	9.5	4.10
Siemens Advia 1200/1650/1800/2400	4	79.816	11.3	5.66
Siemens Dimension	4	74.048	4.3	1.98
Siemens/DPC Immulite 1000	4	89.493	4.2	2.36
EMIT	4	78.731	4.8	2.34
Roche Cobas 4000/c311	4	81.325	26.1	13.29
Beckman DxC	3	77.564	7.9	4.44
ELISA	3	76.918	1.5	0.83
Siemens Centaur CP	2	81.435	8.4	6.08
GC/MS	2	77.450	0.1	0.06
Hydra 09	2	87.775	14.7	11.38

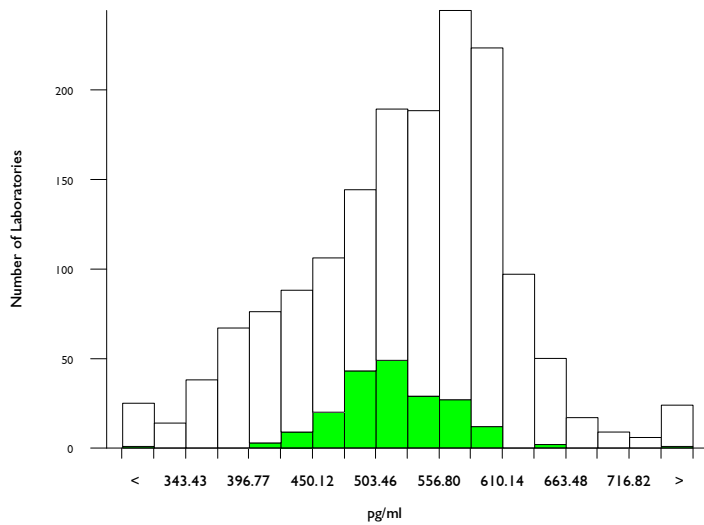


# Vitamin B12, pg/ml

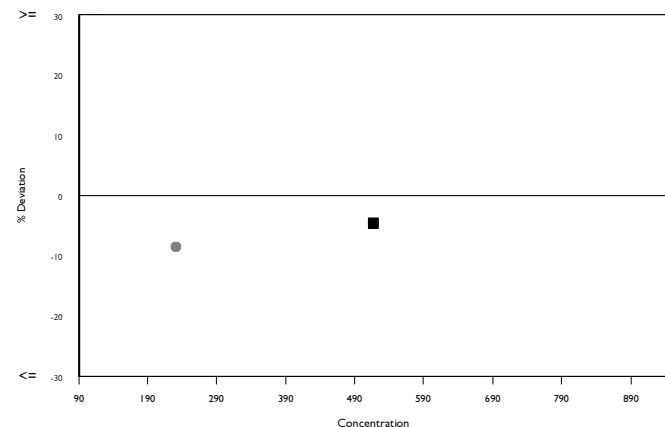
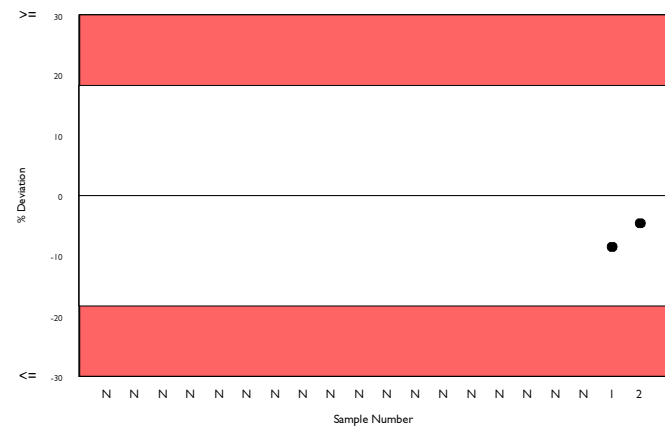
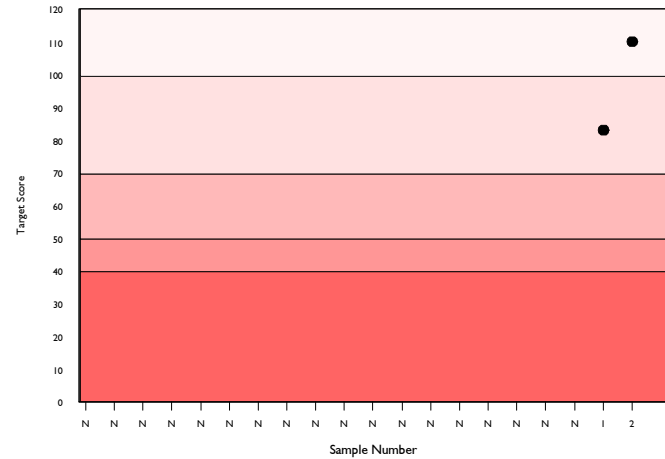
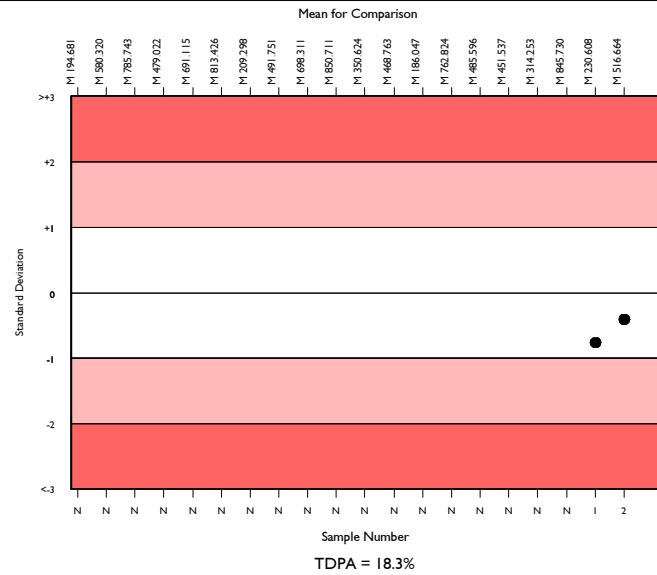
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1501	530.131	13.4	2.29	58.98	104
Abbott Architect	185	516.664	7.3	3.48	57.48	11

▲ Your Result	493.000	SDI	-0.41
		RMSDI	Too Few
■ Mean for Comparison	516.664	TS	110
		RMTS	Too Few
		%DEV	-4.6
		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 4000/e411 Gen II	221	564.621	8.0	3.78
Roche Cobas e601/ 602 Gen II	214	595.411	4.5	2.30
Abbott Architect	185	516.664	7.3	3.48
Roche Cobas e801 Gen II	164	576.739	4.7	2.64
Abbott Alinity i	137	544.129	6.2	3.59
Beckman Dxl 600/800	110	384.697	7.0	3.21
Beckman Access/LXi725	79	430.918	7.9	4.82
Siemens Centaur XP/XPT	66	465.657	9.0	6.45
Ortho Vitros 3600/5600/ECi/XT 7600	65	517.340	6.2	4.99
Siemens Atellica IM	60	479.329	6.4	4.91
SNIBE Maglumi analysers	49	412.291	10.2	7.50
Mindray CL 8000i/6000i/2000i/1200i/1000i	27	632.726	9.3	14.18
Tosoh AIA Series	19	731.567	6.1	12.81
Siemens/DPC Immulite 2000	17	503.623	9.1	13.90
Roche Elecsys	13	580.450	3.8	7.56
Siemens Dimension	8	529.825	4.3	10.17
DiaSorin Liaison XL	7	479.211	4.9	11.12
Tosoh AIA-CL Series	5	524.940	3.1	9.16
Mindray CL 900i	5	645.451	10.2	36.77
Siemens Centaur CP	4	530.124	7.4	24.56
Lifotronic eCL	3	454.767	7.8	25.55

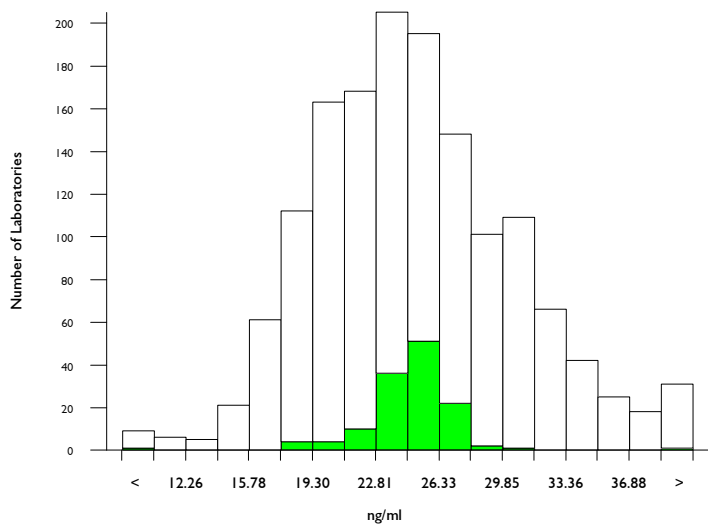


# 25-OH-Vitamin D, ng/ml

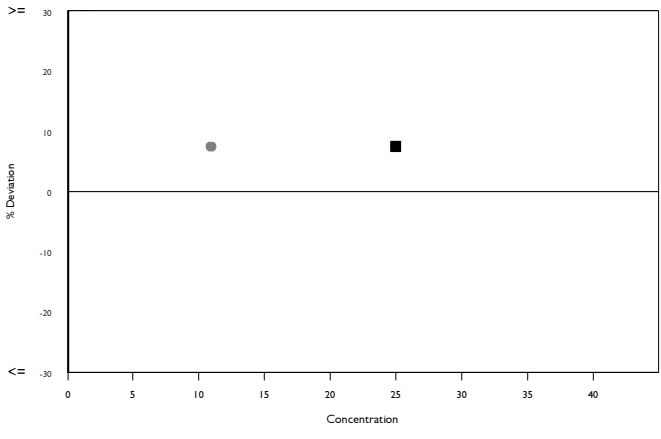
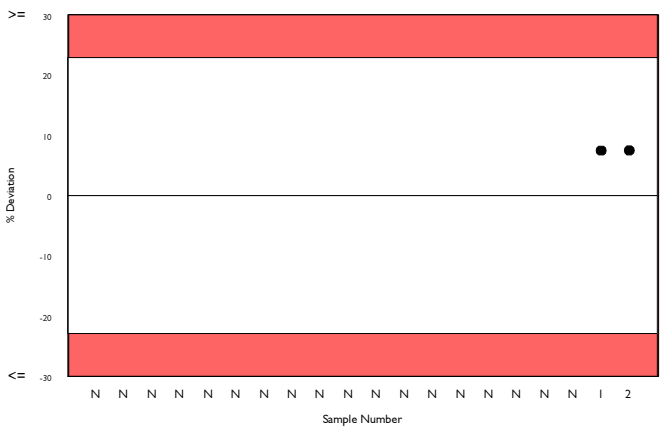
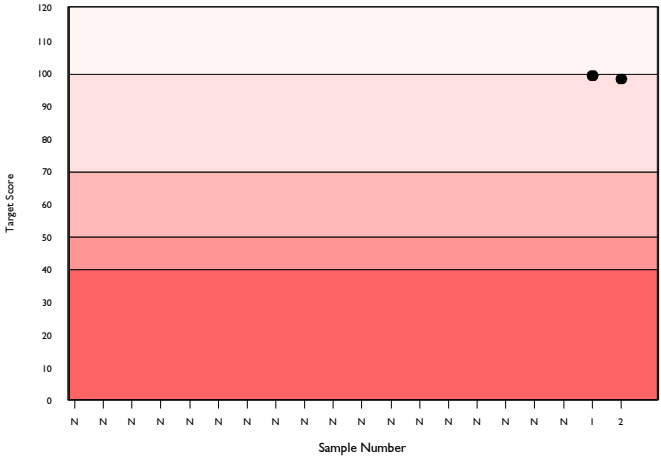
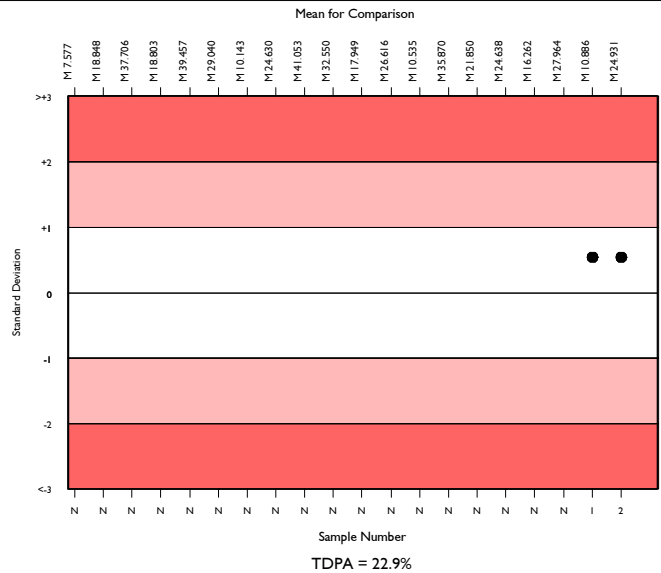
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1401	24.577	19.1	0.16	3.42	85
Abbott Architect (5P02)	120	24.931	5.9	0.17	3.47	13

▲ Your Result	26.800	SDI	0.54
		RMSDI	Too Few
■ Mean for Comparison	24.931	TS	98
		RMTS	Too Few
		%DEV	7.5
		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	141	22.296	15.2	0.36
Abbott Architect (5P02)	120	24.931	5.9	0.17
Roche Vitamin D Total II	122	20.902	14.0	0.33
Abbott Alinity i	113	25.929	5.8	0.18
Roche Vitamin D Total II e80I	109	21.255	9.7	0.25
Roche Vitamin D Total III	110	20.570	14.2	0.35
Ortho Vitros 3600/5600/ECi/XT 7600	68	32.892	11.1	0.55
Beckman Dxl 600/800	67	19.826	12.2	0.37
Beckman Access 25 OH Vitamin D Total	62	22.209	11.4	0.40
SNIBE Maglumi Analyser	59	30.189	5.9	0.29
bioMerieux Vidas/mini Vidas/Vidas 3	56	29.624	7.6	0.37
Siemens Atellica IM	52	33.339	7.9	0.46
Abbott Architect (3LS2)	46	24.881	4.0	0.18
Siemens Centaur XP/XPT	44	33.741	10.2	0.65
DiaSorin Liaison XL	43	30.499	7.0	0.40
Roche Vitamin D Total III e402/e80I	36	20.982	7.6	0.33
Mindray CL 8000i/6000i/2000i/1200i/1000i	23	26.120	7.4	0.51
DiaSorin, Liaison	20	26.658	14.1	1.05
Tosoh AIA Series	19	25.814	10.1	0.75
Tosoh AIA-CL Series	7	20.844	11.8	1.17
Boditech ichroma	5	31.004	35.1	6.08



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	38.171	16.000	<b>-3.34</b>	Too Few	-58.1	Too Few	N/A	N/A	
AFP	47.052	47.670	0.16	Too Few	1.3	Too Few	120	Too Few	
Beta-2-Microglobulin	3.045	3.190	0.53	Too Few	4.8	Too Few	99	Too Few	
CA 125	108.688	100.500	-0.92	Too Few	-7.5	Too Few	75	Too Few	
CA 15-3	41.536	41.900	0.09	Too Few	0.9	Too Few	120	Too Few	
CA 19-9	118.442	105.800	-1.01	Too Few	-10.7	Too Few	71	Too Few	
Carbamazepine	9.035	8.320	-0.95	Too Few	-7.9	Too Few	74	Too Few	
CEA	28.950	29.640	0.36	Too Few	2.4	Too Few	116	Too Few	
Cortisol	18.999	19.100	0.07	Too Few	0.5	Too Few	120	Too Few	
DHEA-S	435.944	441.000	0.14	Too Few	1.2	Too Few	120	Too Few	
Digoxin	2.190	2.270	0.37	Too Few	3.7	Too Few	113	Too Few	
Ferritin	105.836	106.660	0.09	Too Few	0.8	Too Few	120	Too Few	
Folate	4.257	4.600	0.58	Too Few	8.1	Too Few	95	Too Few	
FSH	33.117	27.500	<b>-2.45</b>	Too Few	<b>-17.0</b>	Too Few	<b>33</b>	Too Few	▲
hCG	44.134	42.830	-0.39	Too Few	-3.0	Too Few	113	Too Few	
IgE	98.068	90.530	-0.92	Too Few	-7.7	Too Few	75	Too Few	
Insulin	13.491	15.300	1.37	Too Few	13.4	Too Few	58	Too Few	
LH	32.147	36.330	1.80	Too Few	<b>13.0</b>	Too Few	<b>46</b>	Too Few	
Oestradiol	359.312	371.500	0.42	Too Few	3.4	Too Few	109	Too Few	
17-OH-Progesterone	3.717	3.400	-0.44	Too Few	-8.5	Too Few	107	Too Few	
Phenobarbital	18.809	20.850	1.28	Too Few	10.9	Too Few	61	Too Few	
Progesterone	11.066	9.230	-1.74	Too Few	<b>-16.6</b>	Too Few	<b>48</b>	Too Few	
Prolactin	32.531	38.690	<b>2.62</b>	Too Few	<b>18.9</b>	Too Few	<b>30</b>	Too Few	▲
PSA, Free	11.337	10.800	-0.63	Too Few	-4.7	Too Few	91	Too Few	
PSA, Total	9.158	8.870	-0.42	Too Few	-3.1	Too Few	109	Too Few	
Parathyroid hormone	558.161	509.000	-0.80	Too Few	-8.8	Too Few	81	Too Few	
Free T3	9.195	9.340	0.22	Too Few	1.6	Too Few	120	Too Few	
Free T4	1.765	1.910	1.15	Too Few	8.2	Too Few	65	Too Few	
Free Testosterone (Pilot)	16.794	12.810	<b>-2.32</b>	Too Few	-23.7	Too Few	N/A	N/A	
Testosterone	4.026	3.620	-1.13	Too Few	-10.1	Too Few	66	Too Few	
Thyroglobulin	39.209	40.910	0.43	Too Few	4.3	Too Few	109	Too Few	
TSH	1.826	2.110	<b>2.23</b>	Too Few	<b>15.6</b>	Too Few	<b>37</b>	Too Few	▲
Valproic acid	73.407	62.150	<b>-2.16</b>	Too Few	<b>-15.3</b>	Too Few	<b>38</b>	Too Few	▲
Vitamin B12	516.664	493.000	-0.41	Too Few	-4.6	Too Few	110	Too Few	
25-OH-Vitamin D	24.931	26.800	0.54	Too Few	7.5	Too Few	98	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A