

Laboratorio Emotest s.r.l.

# MONTHLY IMMUNOASSAY

CYCLE 21 SAMPLE 3

## 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: 29/03/2023

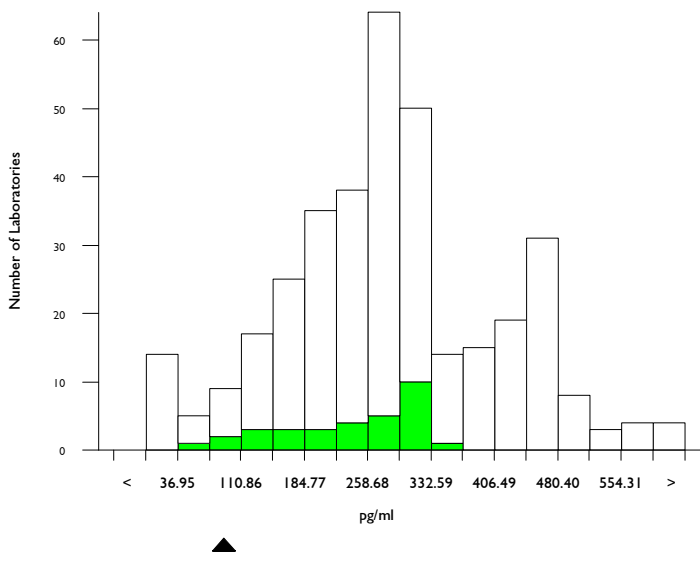
Randox Laboratories Limited  
55 Diamond Road  
CRUMLIN BT29 4QY  
Tel: +44 (0)28 9445 4399  
Fax: +44 (0)28 9445 4398  
Email: mail@riqas.com

# ACTH, pg/ml

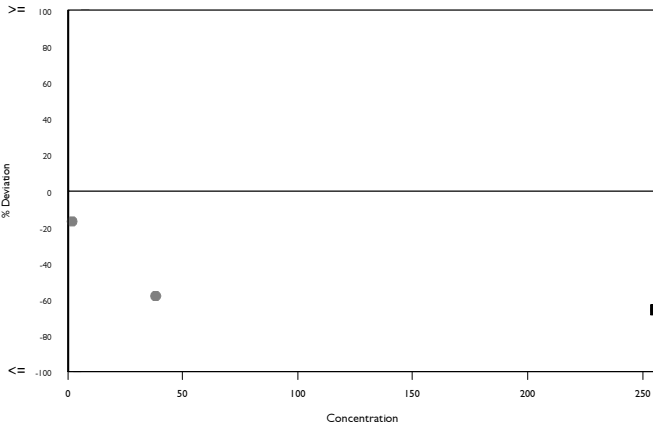
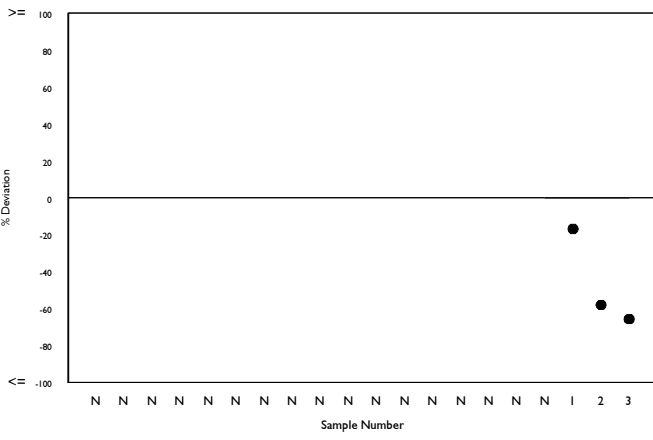
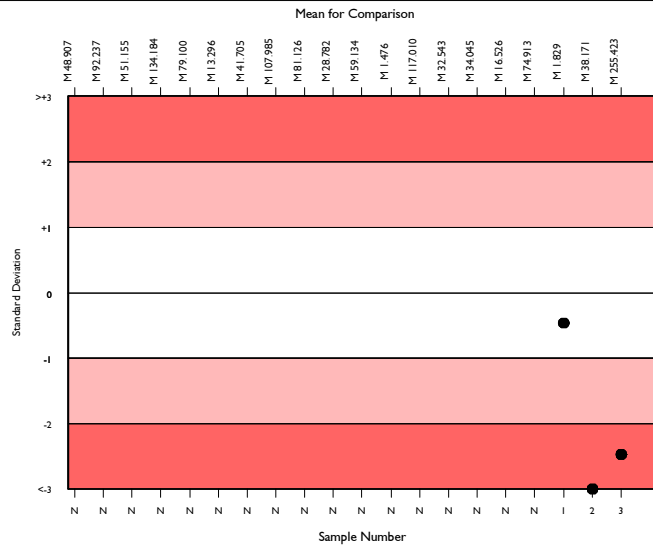
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	324	288.656	34.9	7.00	100.87	31
SNIBE Maglumi analysers	29	255.423	26.6	15.76	67.90	3

▲ Your Result	87.500	SDI	-2.47
		RMSDI	Too Few
■ Mean for Comparison	255.423	TS	N/A
		RMTS	N/A
		%DEV	-65.7
		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>
Roche Cobas 4000/e411	67	251.121	21.3	8.18
Siemens/DPC Immulite 2000/2500	60	428.755	11.6	8.02
Roche Cobas e601 / 602	50	236.022	29.8	12.42
Roche Cobas e402/e801	49	240.135	18.8	8.07
SNIBE Maglumi analysers	29	255.423	26.6	15.76
DiaSorin Liaison XL	21	486.130	14.1	18.69
Tosoh AIA Series	7	310.557	20.4	29.88
DiaSorin, Liaison	4	283.975	37.0	65.69
DIAsource IRMA	5	275.346	18.6	28.68
Siemens/DPC Immulite 1000	4	376.250	24.3	57.09
Tosoh AIA-CL Series	5	307.000	29.7	50.92
Roche Elecsys	4	263.523	10.0	16.41
Mindray CL 8000i/6000i/2000i/1200i/1000i	4	296.089	15.5	28.64
Mindray CL 900i	2	308.932	2.0	5.37



# AFP, U/ml

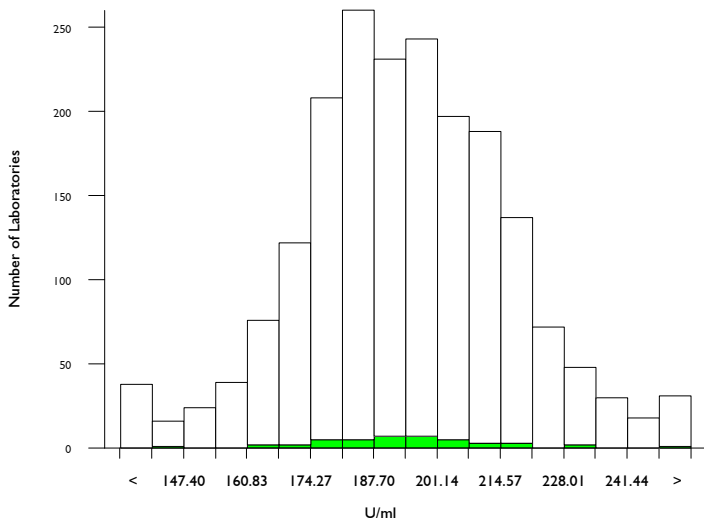
All Methods

bioMerieux, Vidas/Mini Vidas

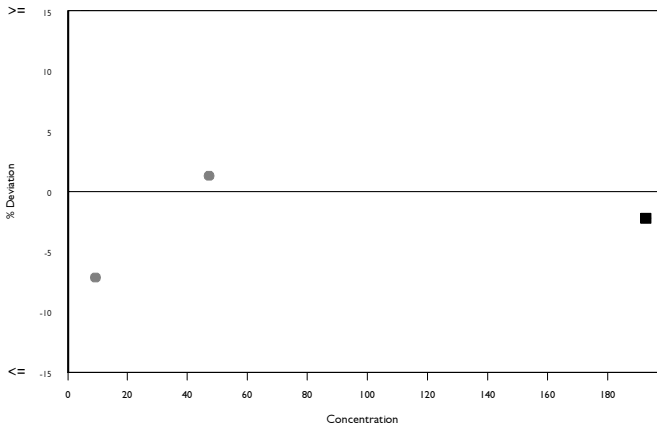
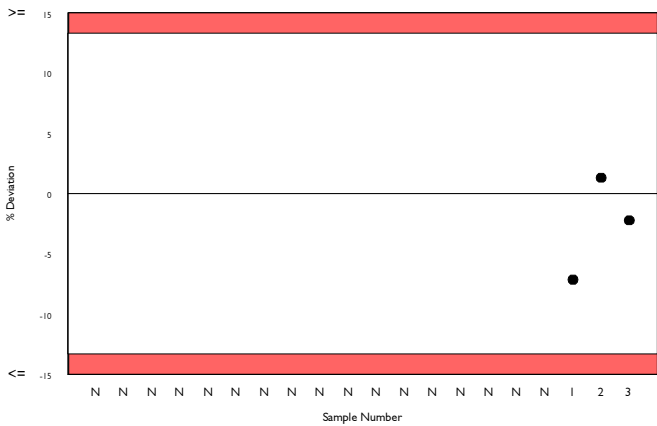
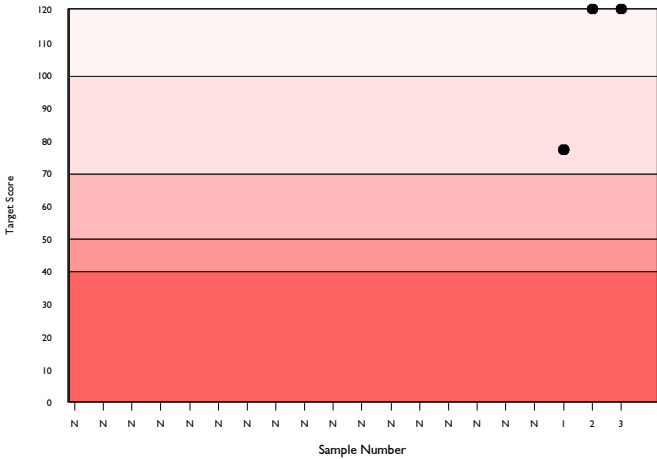
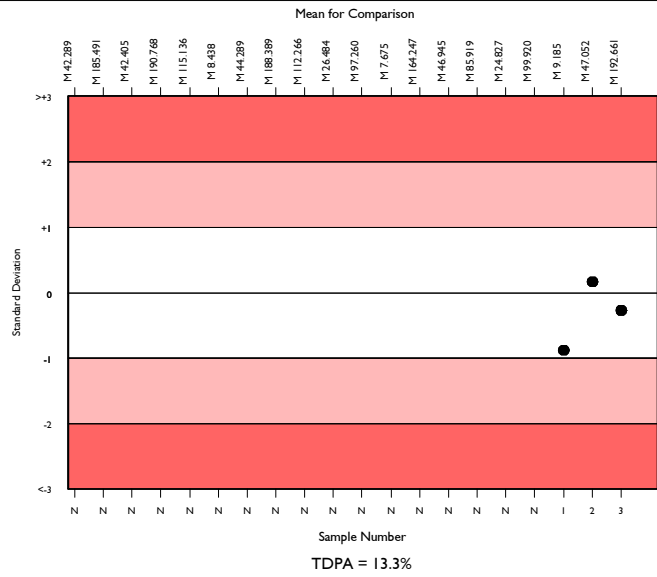
N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
1838	194.424	9.2	0.52	15.72	143
39	192.661	7.6	2.92	15.58	4

▲ Your Result	188.390	SDI	-0.27
		RMSDI	Too Few
■ Mean for Comparison	192.661	TS	120
		RMTS	Too Few
		%DEV	-2.2
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602	298	203.829	4.9	0.73
Abbott Architect	210	181.971	4.2	0.67
Roche Cobas 4000/e411	215	207.502	8.5	1.50
Roche Cobas e402/e801	180	197.966	4.4	0.82
Abbott Alinity i	172	183.170	3.5	0.62
Beckman Dxl 600/800	142	171.690	8.5	1.53
Beckman Access/LXi725	85	178.012	8.0	1.94
Siemens Atellica IM	77	214.273	4.5	1.37
Siemens Centaur XP/XPT	63	217.635	6.7	2.29
Ortho Vitros 3600/5600/ECi/ XT 7600	49	189.368	9.7	3.27
SNIBE Maglumi analysers	41	204.406	9.7	3.86
bioMerieux, Vidas/Mini Vidas	39	192.661	7.6	2.92
Siemens/DPC Immulite 2000/2500	32	185.076	6.8	2.78
Mindray CL 8000i/6000i/2000i/1200i/1000i	31	192.263	5.5	2.36
Tosoh AIA Series	30	177.014	7.1	2.88
Roche Elecsys	19	200.760	8.3	4.75
DiaSorin Liaison XL	20	218.564	11.6	7.06
Siemens Centaur CP	14	224.489	4.7	3.51
Immunotech IRMA	10	212.391	10.4	8.73
Tosoh AIA-CL Series	10	175.415	10.8	7.48
Siemens/DPC Immulite 1000	8	205.860	13.0	11.79

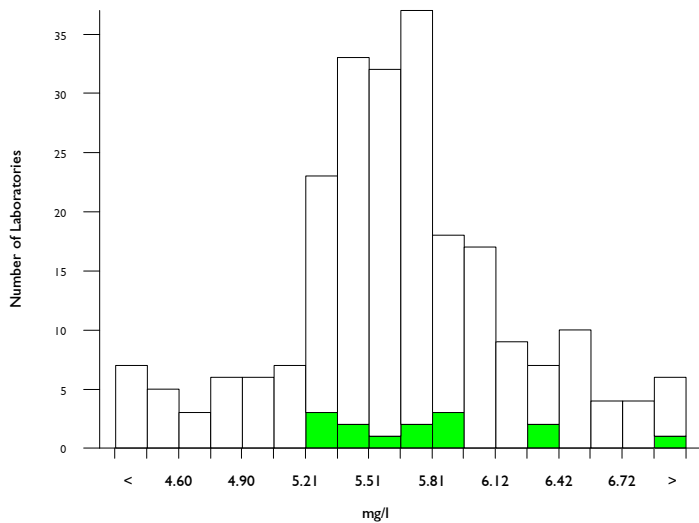


# Beta-2-Microglobulin, mg/l

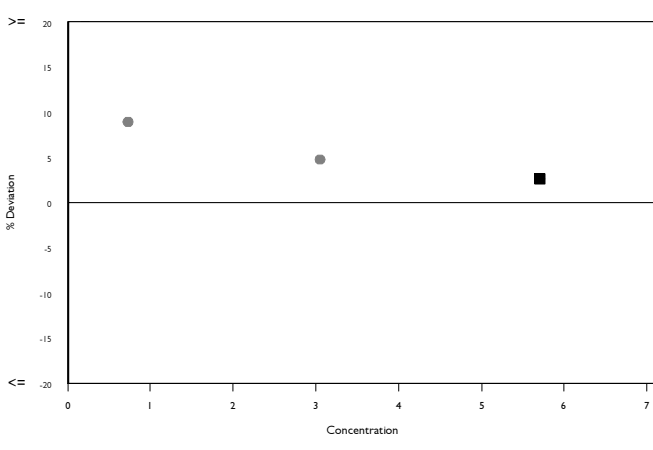
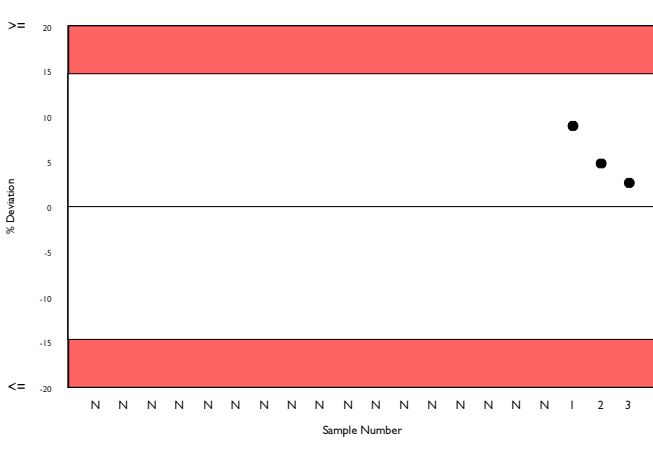
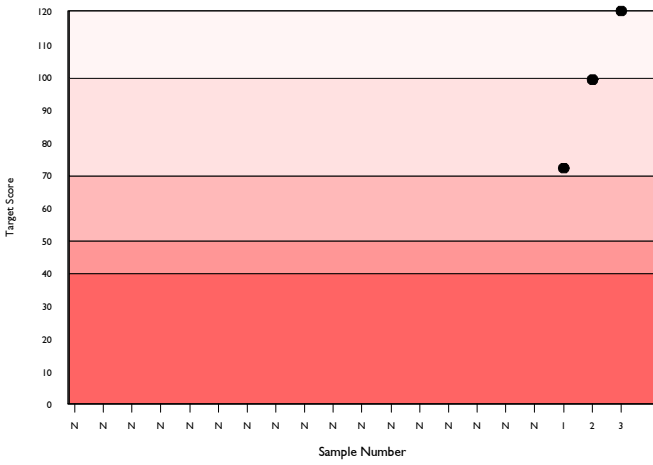
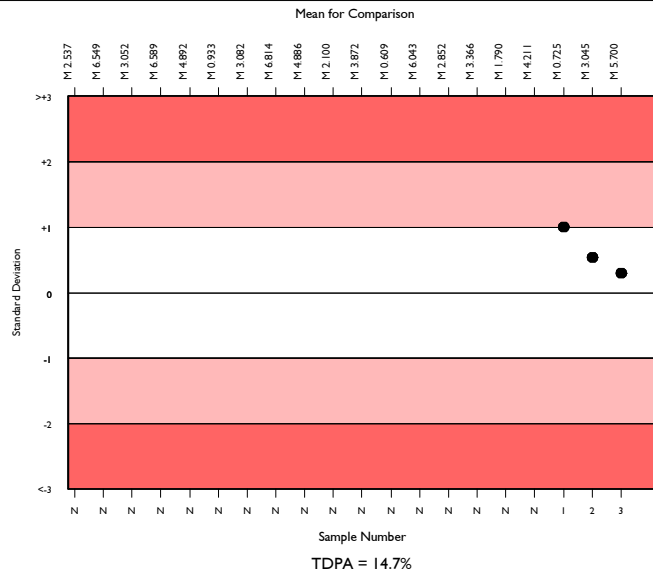
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	209	5.666	7.2	0.04	0.51	30
Abbott Architect	13	5.700	6.5	0.13	0.51	1

▲ Your Result	5.850	SDI	0.29
		RMSDI	Too Few
■ Mean for Comparison	5.700	TS	120
		RMTS	Too Few
		%DEV	2.6
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	46	5.573	2.4	0.02
bioMerieux, VIDAS	20	6.158	14.2	0.24
Siemens/DPC Immulite 2000/2500	21	4.986	7.9	0.11
Abbott Alinity	20	5.806	2.0	0.03
Siemens Atellica CH	13	6.391	2.5	0.06
SNIBE Maglumi analysers	12	5.354	1.4	0.03
Abbott Architect	13	5.700	6.5	0.13
Siemens/Behring Nephelometer	8	5.673	2.9	0.07
Tosoh AIA Series	7	5.972	6.8	0.19
Beckman AU Instruments	7	5.673	3.3	0.09
DiaSorin Liaison XL	6	4.690	23.1	0.55
Tosoh AIA-CL Series	6	5.818	2.1	0.06
DiaSorin, Liaison	4	5.327	5.3	0.17
BioSystems Latex	3	5.960	5.7	0.25
Binding Site Optilite	3	5.977	7.7	0.33
Siemens Advia 1200/1650/1800/2400	3	6.210	4.8	0.22
Roche Tinaquant	2	5.425	2.5	0.12
Siemens/DPC Immulite 1000	2	5.912	13.4	0.70
Roche Elecsys	2	5.330	0.5	0.02
Fujirebio Lumipulse G Series	2	5.735	5.8	0.29
Roche Integra	2	5.555	2.9	0.14



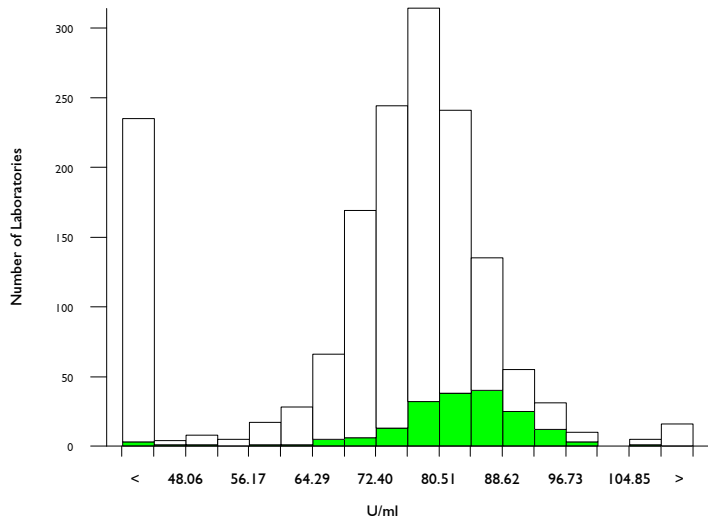


# CA 15-3, U/ml

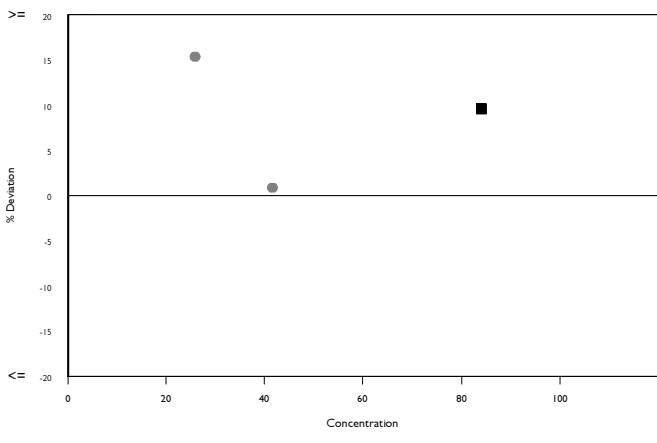
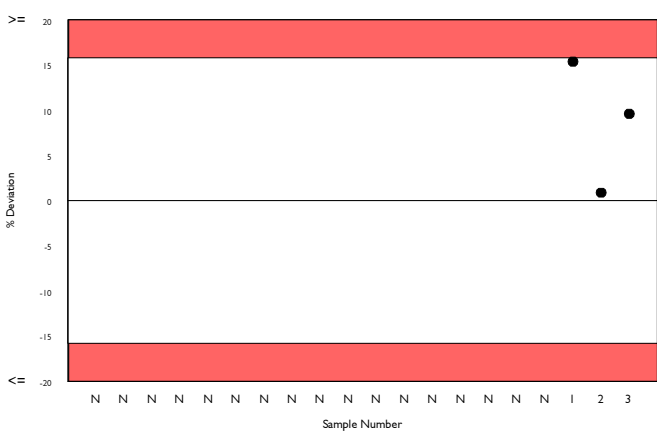
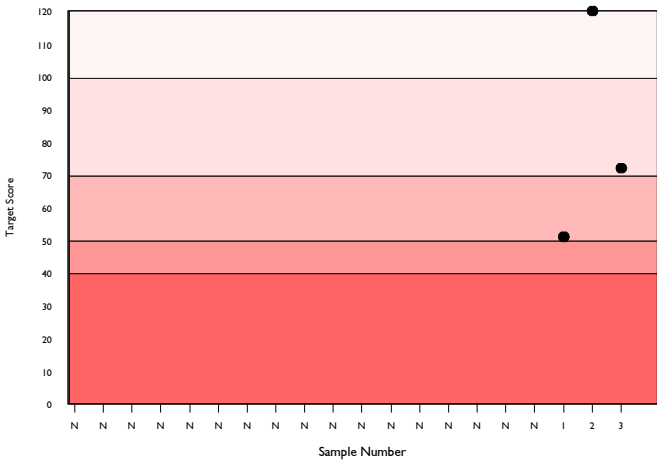
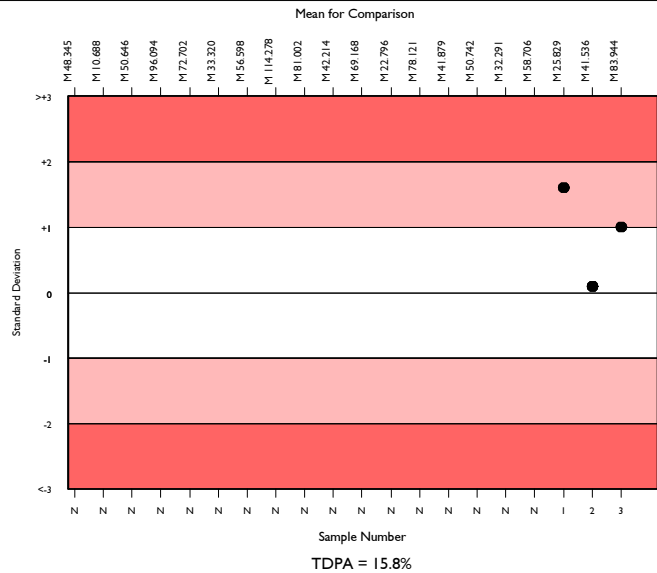
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1380	76.459	14.1	0.36	7.34	204
Abbott Architect	165	83.944	7.1	0.58	8.06	17

▲ Your Result	92.000	SDI	1.00
		RMSDI	Too Few
■ Mean for Comparison	83.944	TS	72
		RMTS	Too Few
		%DEV	9.6
		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	267	78.720	5.4	0.32
Roche Cobas 4000/e411	174	78.650	6.6	0.49
Abbott Architect	165	83.944	7.1	0.58
Roche Cobas e402/e801	155	75.931	4.7	0.36
Abbott Alinity i	138	81.240	5.1	0.44
Beckman Dxl 600/800	107	33.476	6.3	0.26
Siemens Atellica IM	72	74.205	6.5	0.71
Beckman Access/LXi725	61	33.740	7.6	0.41
Siemens Centaur XP/XPT	49	70.556	6.9	0.87
BioMerieux VIDAS	45	70.542	3.7	0.48
SNIBE Maglumi analysers	35	100.237	10.4	2.21
Ortho Vitros 3600/5600/ECi/XT 7600	32	68.850	7.1	1.08
Mindray CL 8000i/6000i/2000i/1200i/1000i	24	36.673	4.1	0.39
Siemens/DPC Immulite 2000/2500	23	75.913	9.6	1.90
Tosoh AIA Series	19	83.984	9.2	2.22
Roche Elecsys	17	75.809	9.9	2.27
DiaSorin Liaison XL	12	76.844	10.8	3.00
Tosoh AIA-CL Series	9	72.233	5.7	1.72
Immunotech IRMA	8	71.626	10.0	3.17
Siemens Centaur CP	6	71.410	11.6	4.21
Fujirebio Lumipulse G Series	5	81.720	9.3	4.24

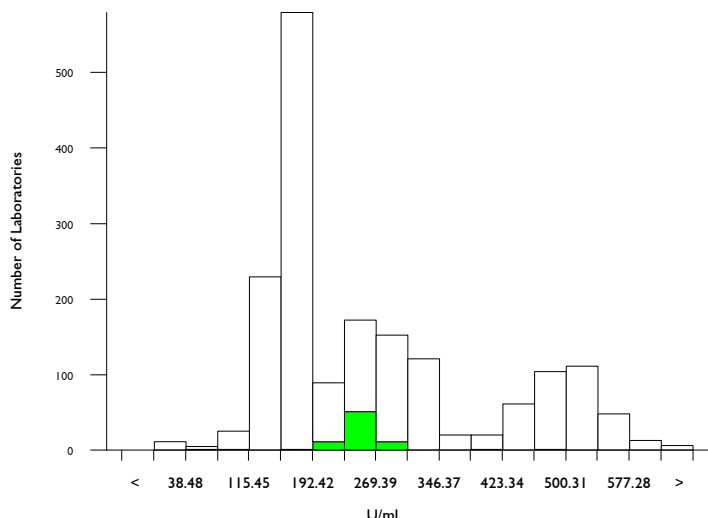


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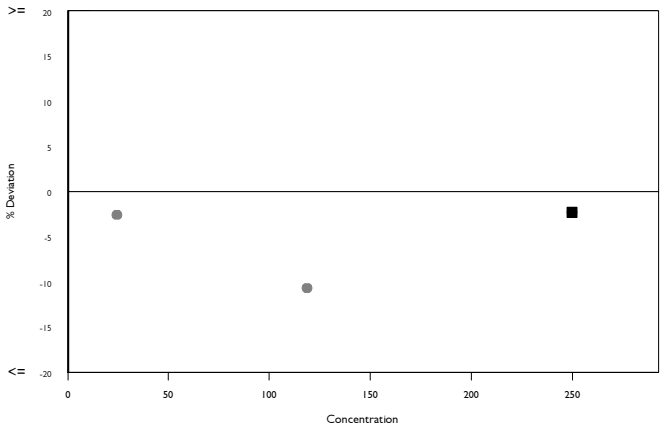
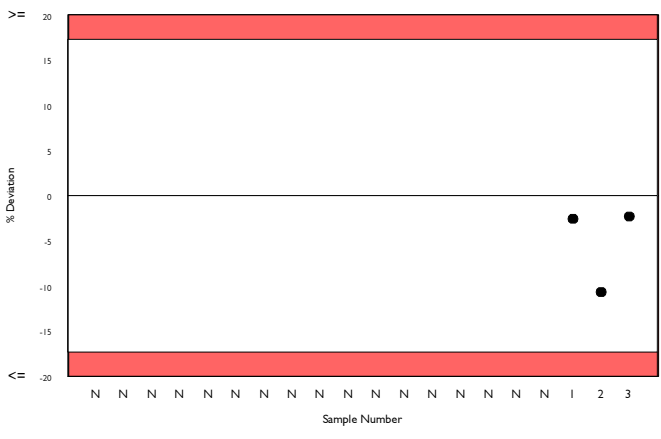
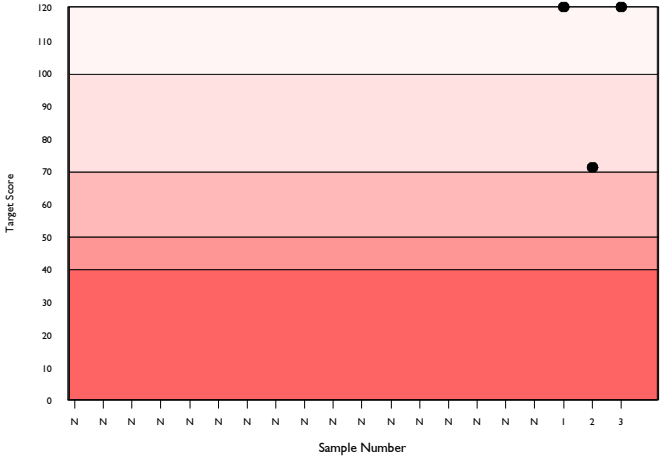
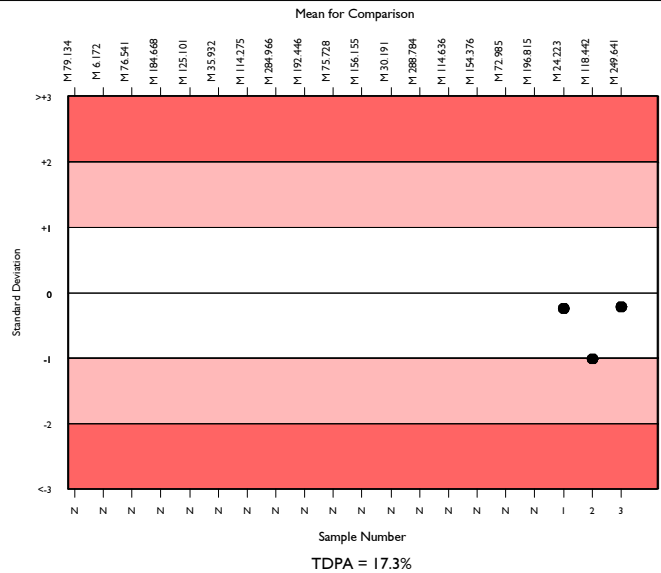
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1690	249.858	48.8	3.71	26.28	77
bioMerieux, VIDAS	68	249.641	6.6	2.51	26.26	10

▲ Your Result	243.880	SDI	-0.22
		RMSDI	Too Few
■ Mean for Comparison	249.641	TS	120
		RMTS	Too Few
		%DEV	-2.3
		RM%DEV	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	304	161.493	4.7	0.55
Roche Cobas 4000/e411	194	164.860	8.0	1.18
Abbott Architect XR	185	491.169	8.4	3.79
Abbott Alinity XR	155	508.014	7.6	3.87
Roche Cobas e402/e801	149	161.916	4.1	0.67
Beckman Dxl 600/800	118	297.434	6.3	2.15
Siemens Atellica IM	72	262.436	6.2	2.41
bioMerieux, VIDAS	68	249.641	6.6	2.51
Beckman Access/LXi725	63	325.293	6.3	3.23
Siemens Centaur XP/XPT	58	228.162	5.8	2.19
Ortho Vitros 3600/5600/ECi/XT 7600	46	328.190	4.8	2.89
SNIBE Maglumi analysers	38	131.652	14.6	3.90
Tosoh AIA Series	30	140.353	6.6	2.12
Mindray CL 8000i/6000i/2000i/1200i/1000i	25	153.000	8.3	3.16
Siemens/DPC Immulite 2000/2500	20	274.125	5.7	4.33
Roche Elecsys	16	165.781	6.8	3.53
DiaSorin Liaison XL	12	234.008	9.3	7.86
Siemens Centaur CP	10	211.071	11.6	9.66
Tosoh AIA-CL Series	8	200.800	5.8	5.13
Izotop RIA	6	196.145	0.6	0.61
Shenzhen YHLO iFlash Series	6	119.740	10.1	6.18

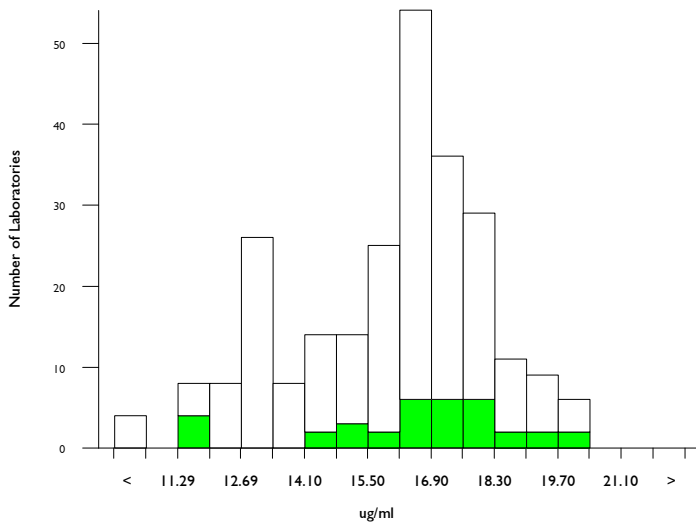


# Carbamazepine, ug/ml

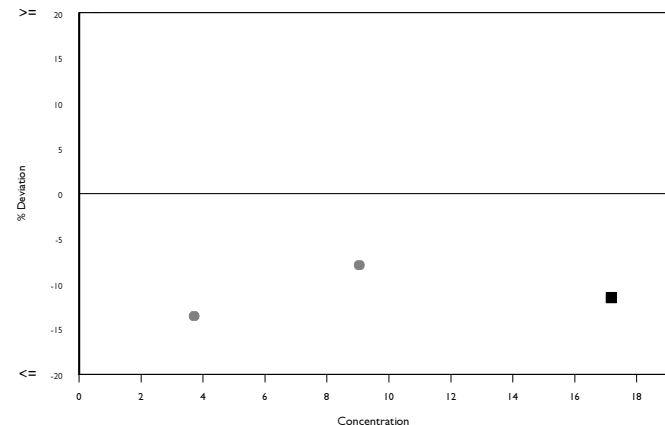
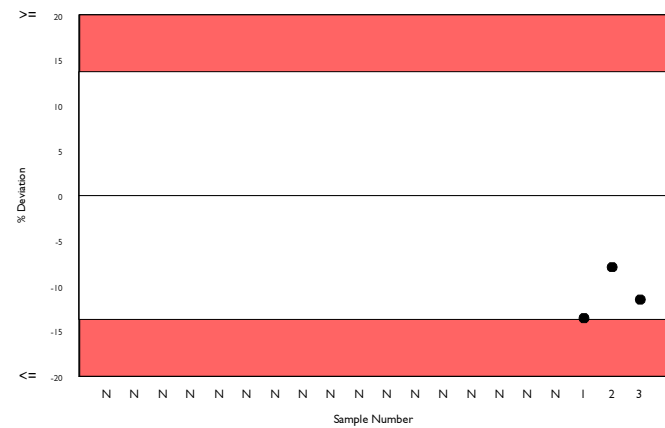
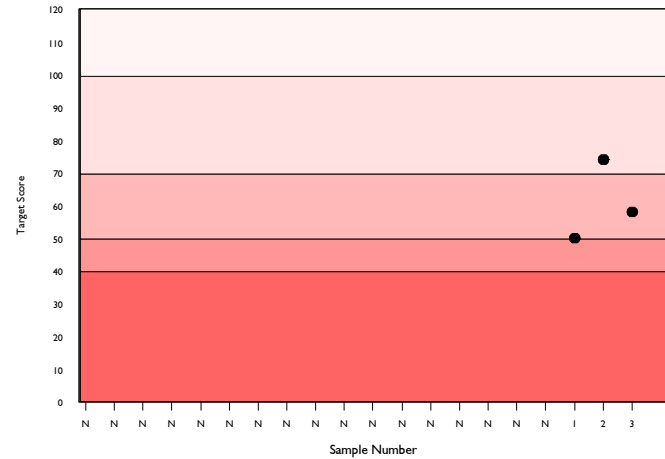
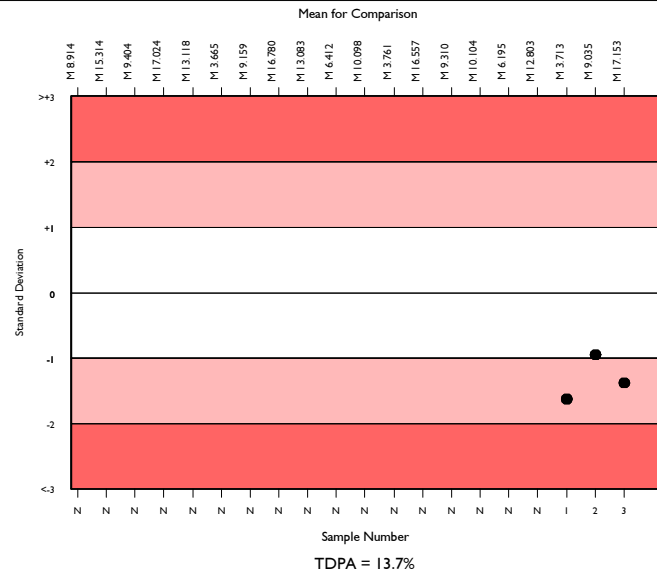
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	239	16.203	11.5	0.15	1.35	14
Abbott Architect (CMIA)	31	17.153	8.4	0.32	1.43	4

▲ Your Result	15.180	SDI	-1.38
		RMSDI	Too Few
■ Mean for Comparison	17.153	TS	58
		RMTS	Too Few
		%DEV	-11.5
		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	68	16.857	3.9	0.10
Abbott Architect (CMIA)	31	17.153	8.4	0.32
Abbott Alinity (PETINA)	29	13.265	4.9	0.15
Beckman AU Instruments	22	17.276	8.1	0.37
Roche Integra	19	17.689	7.4	0.37
Siemens Centaur XP/XPT	8	17.295	5.4	0.42
Siemens/DPC Immulite 2000/2500	7	15.224	4.1	0.30
Abbott Alinity (CMIA)	5	12.652	4.4	0.31
Abbott Architect (PETINIA)	5	13.220	3.8	0.28
Siemens Atellica CH	6	14.208	11.0	0.80
EMIT	5	17.490	5.5	0.54
Siemens Dimension	4	15.703	1.4	0.14
Beckman DxC	4	17.392	8.3	0.91
Roche Cobas 4000/c311	4	15.560	4.5	0.43
Siemens ADVIA 1200/1650/1800/2400	3	14.194	9.6	0.98
Siemens/DPC Immulite 1000	3	14.083	14.7	1.49
Vitros	3	16.867	12.0	1.46
Siemens Syva/Emit	2	17.329	6.4	0.98
Siemens Centaur CP	1	14.800	0.0	0.00
Randox Rx Daytona/Imola	2	12.025	2.1	0.22
GC/MS	2	15.565	0.3	0.04









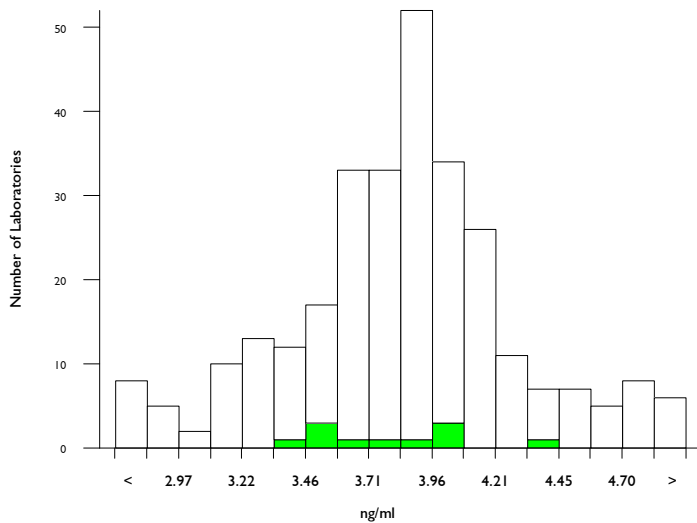


# Digoxin, ng/ml

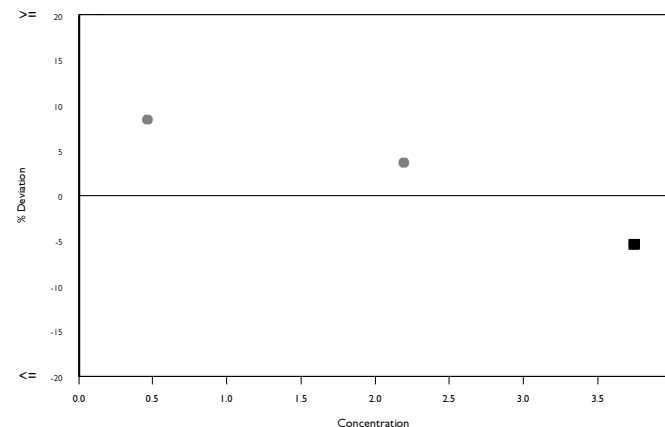
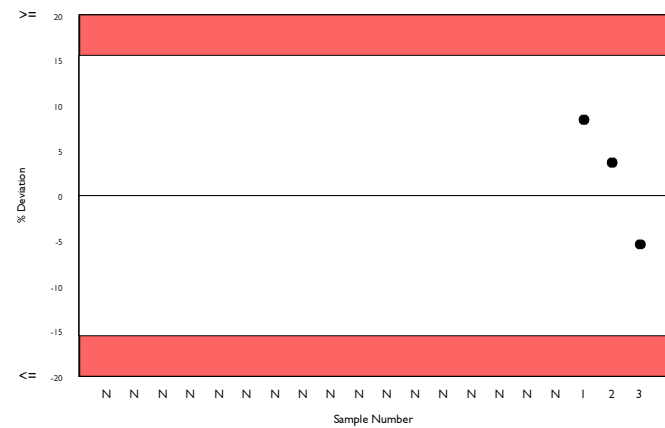
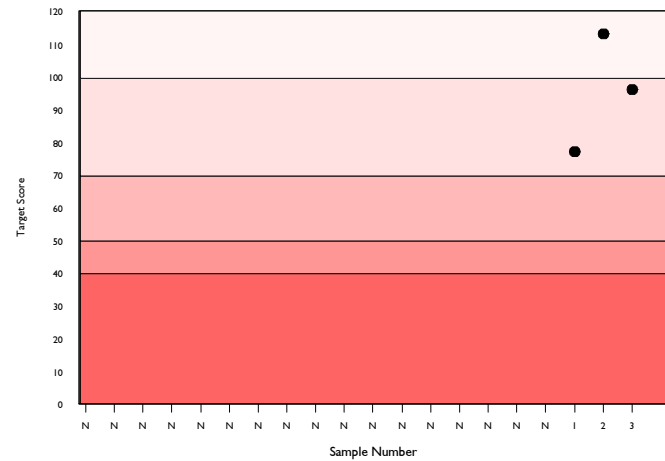
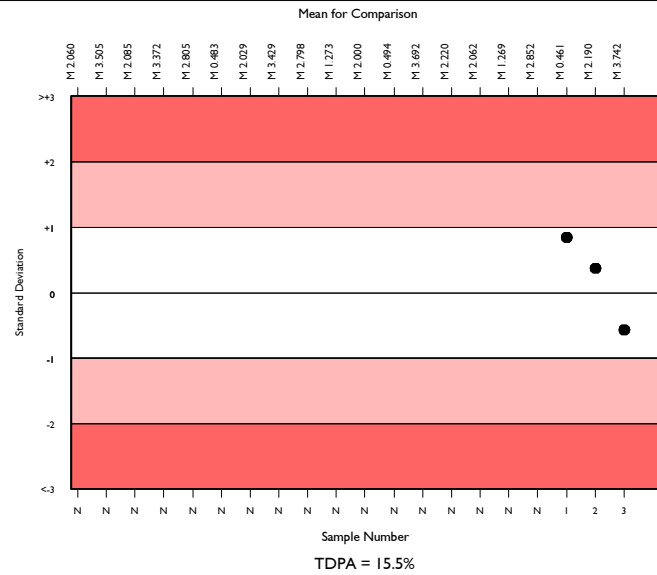
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	261	3.840	8.6	0.03	0.36	38
bioMerieux, VIDAS	10	3.742	6.5	0.10	0.35	1

▲ Your Result	3.540	SDI	-0.57
		RMSDI	Too Few
■ Mean for Comparison	3.742	TS	96
		RMTS	Too Few
		%DEV	-5.4
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Abbott Architect (CMIA)	31	3.269	5.5	0.04
Roche Cobas C303/501/502/503/701	33	3.812	2.7	0.02
Abbott Alinity (PETINA)	26	3.899	4.5	0.04
Roche Cobas e601/e602	21	3.880	3.9	0.04
Roche Cobas e402/e801	19	3.863	3.0	0.03
Siemens Atellica IM	11	4.715	4.1	0.07
Beckman Dxl 600/800	15	3.916	6.0	0.08
Siemens Dimension	12	3.880	4.3	0.06
bioMerieux, VIDAS	10	3.742	6.5	0.10
Beckman AU Instruments	10	4.036	6.2	0.10
SNIBE Maglumi analysers	8	4.088	2.0	0.04
Abbott Alinity (CMIA)	9	3.801	7.4	0.12
Abbott Architect (PETINIA)	9	3.663	12.9	0.20
Siemens Centaur XP/XPT	7	4.229	10.9	0.22
Roche Cobas 4000/e411	8	4.168	6.4	0.12
Roche Integra	5	4.011	4.8	0.11
Siemens Atellica CH	4	4.057	3.1	0.08
Beckman Access/LXi725	3	4.040	5.6	0.16
Siemens/DPC Immulite 2000/2500	3	4.410	13.9	0.44
Beckman DxC	3	3.742	17.1	0.46
Siemens ADVIA 1200/1650/1800/2400	2	3.905	3.4	0.12







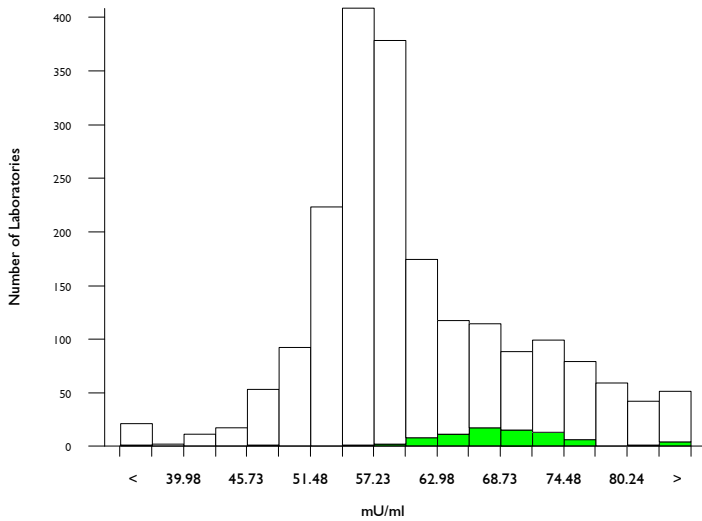
# FSH, mU/ml

- All Methods
- bioMerieux, VIDAS

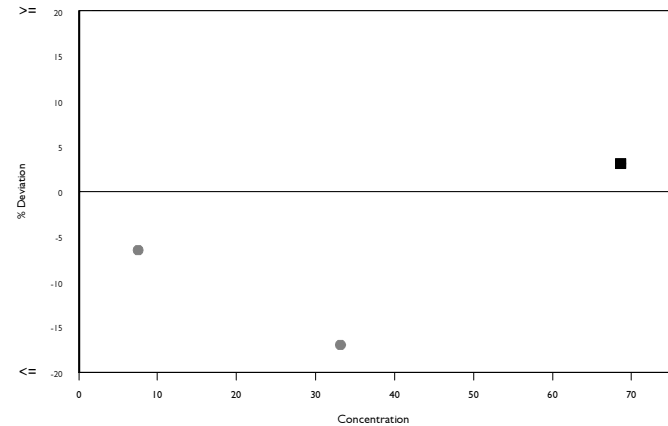
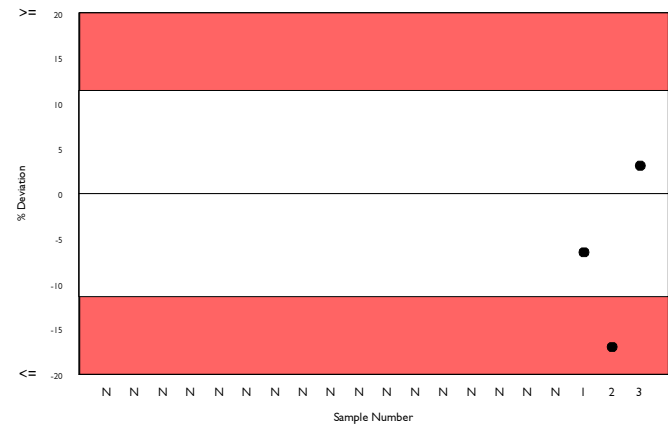
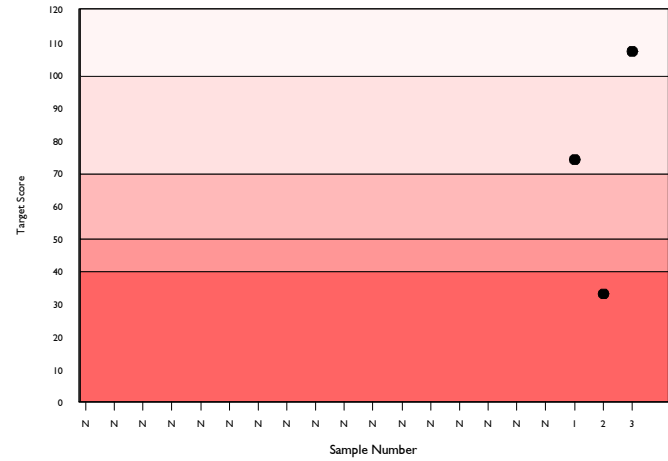
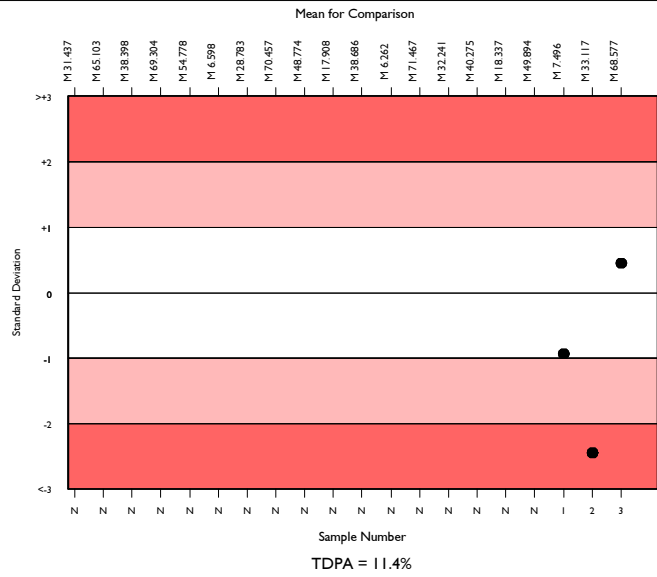
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1889	60.111	12.8	0.22	4.17	140
bioMerieux, VIDAS	71	68.577	6.2	0.63	4.75	9

<span style="color: black;">▲</span> Your Result	70.700	SDI	0.45
		RMSDI	Too Few
<span style="color: green;">■</span> Mean for Comparison	68.577	TS	107
		RMTS	Too Few
		%DEV	3.1
		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	320	56.153	4.1	0.16
Roche Cobas 4000/e411	239	59.217	4.8	0.23
Abbott Architect	206	55.264	4.9	0.24
Roche Cobas e402/e801	159	57.397	2.9	0.16
Abbott Alinity i	160	54.712	4.6	0.25
Beckman Dxl 600/800	120	67.616	6.6	0.51
Beckman Access/LXi725	85	67.873	7.4	0.68
Siemens Atellica IM	73	75.159	5.3	0.59
bioMerieux, VIDAS	71	68.577	6.2	0.63
Siemens Centaur XP/XPT	65	77.380	4.5	0.54
SNIBE Maglumi analysers	58	69.666	5.1	0.59
Ortho Vitros 3600/5600/ECi/XT/7600	54	47.536	4.2	0.34
Mindray CL 8000i/6000i/2000i/1200i/1000i	45	79.681	7.2	1.07
Siemens/DPC Immulite 2000/2500	33	59.252	7.2	0.93
Tosoh AIA Series	32	66.385	9.9	1.46
Roche Elecsys	23	56.991	7.5	1.11
DiaSorin Liaison XL	14	88.091	4.5	1.33
Siemens/DPC Immulite 1000	10	56.480	6.1	1.37
Shenzhen YHLO iFlash Series	9	59.950	5.0	1.24
Tosoh AIA-CL Series	8	61.463	4.8	1.31
Siemens Centaur CP	7	74.547	7.0	2.45







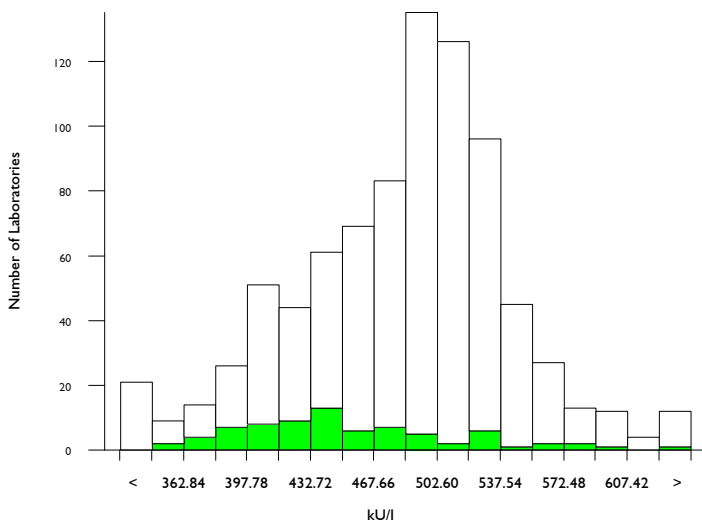
# IgE, kU/l

- All Methods
- bioMerieux, VIDAS

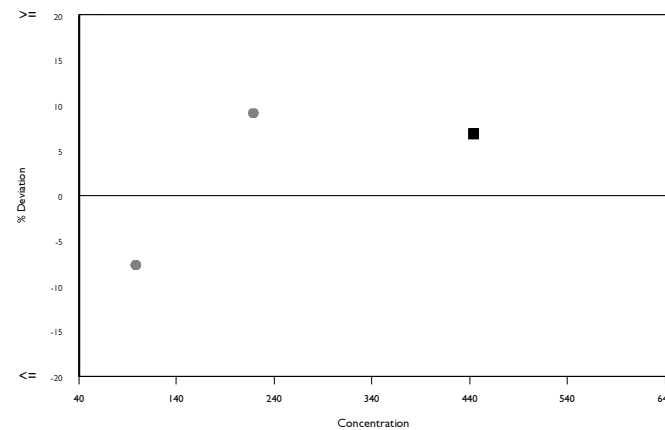
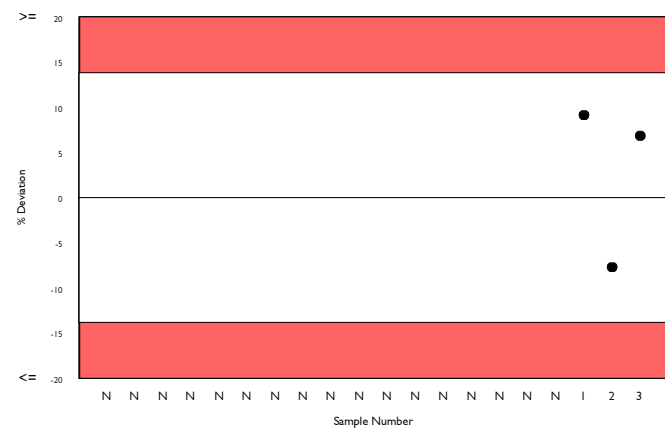
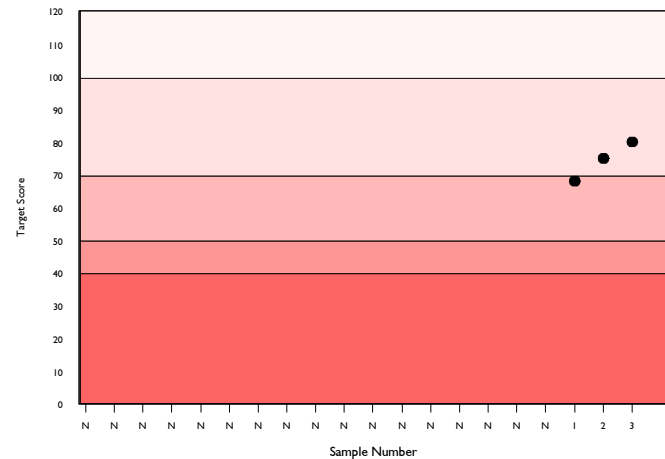
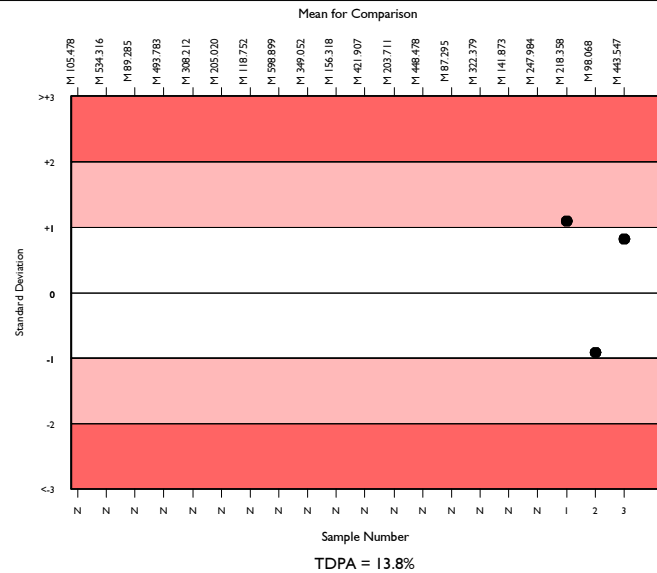
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	787	485.134	9.6	2.08	40.70	64
bioMerieux, VIDAS	70	443.547	10.8	7.13	37.21	6

<span style="color: green;">▲</span> Your Result	473.900	SDI	0.82
		RMSDI	Too Few
<span style="color: green;">■</span> Mean for Comparison	443.547	TS	80
		RMTS	Too Few
		%DEV	6.8
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 4000/e411	151	513.544	5.8	3.03
Roche Cobas e601/ 602	142	503.741	4.9	2.61
Roche Cobas e402/e801	78	503.156	3.8	2.71
bioMerieux, VIDAS	70	443.547	10.8	7.13
SNIBE Maglumi analysers	52	413.577	9.2	6.60
Siemens/DPC Immulite 2000/2500	53	485.208	13.3	11.11
Siemens Atellica IM	34	499.658	4.0	4.33
Siemens Centaur XP/XPT	34	502.867	7.6	8.21
Abbott Architect	27	424.209	5.6	5.70
Abbott Alinity	21	412.637	2.2	2.47
Phadia ImmunoCap instruments	19	468.505	5.4	7.20
Tosoh AIA Series	18	463.006	8.3	11.32
Siemens/DPC Immulite 1000	13	494.385	11.1	18.99
Roche Elecsys	9	514.461	5.9	12.55
Biomed	7	483.271	7.6	17.40
Tosoh AIA-CL Series	6	466.017	5.4	12.73
Agappe Mispa i2	4	646.825	16.6	66.93
ELISA	4	378.053	14.0	33.05
Siemens Centaur CP	4	495.675	9.3	28.87
Beckman Image	2	414.500	29.9	109.37
Biotech Med INC i-CHROMA	3	408.850	29.4	86.65



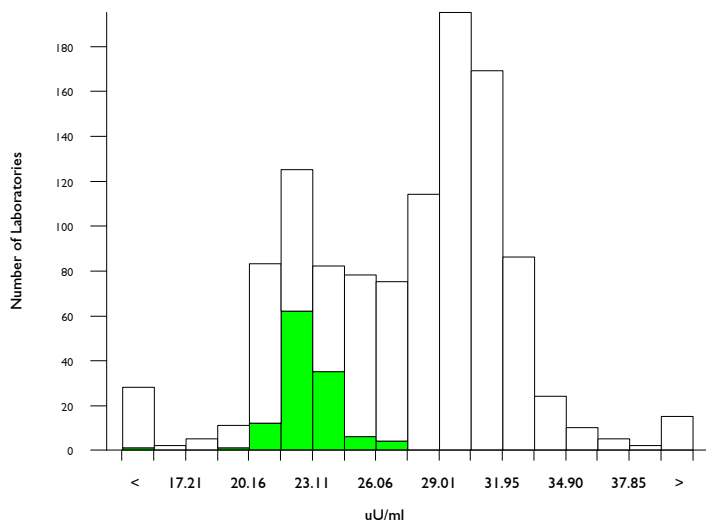
# Insulin, uU/ml

- All Methods
- Abbott Architect

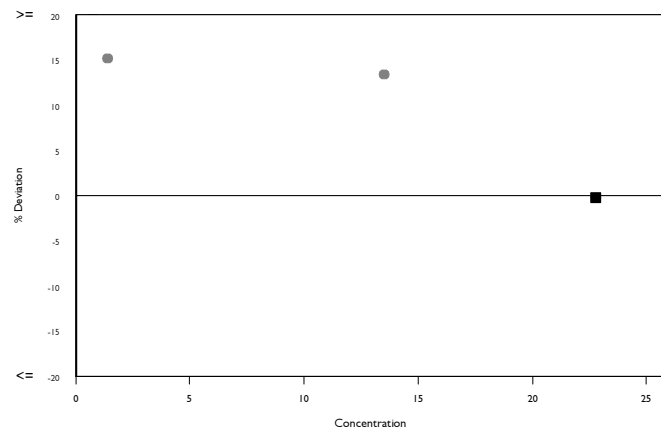
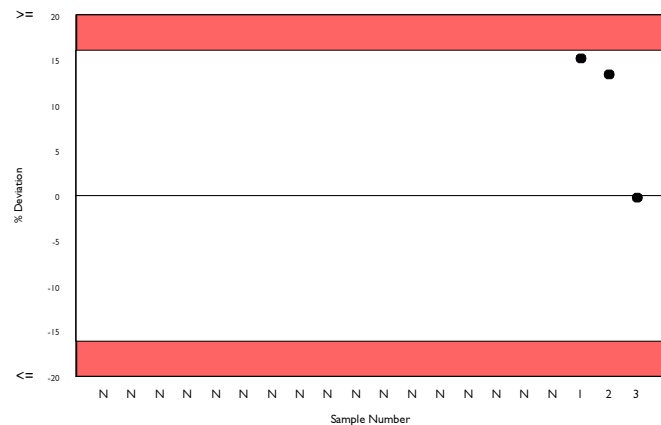
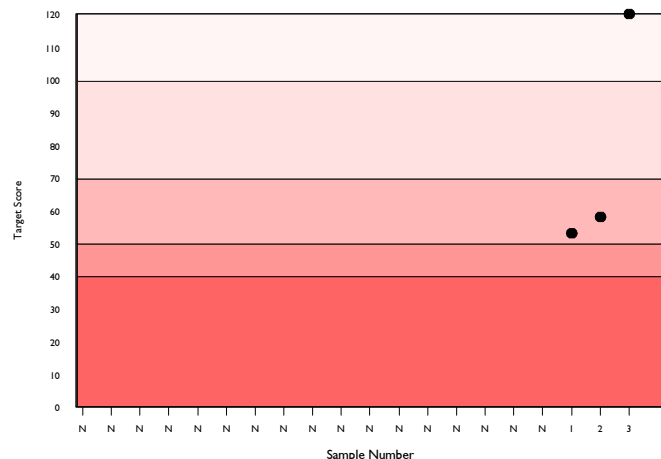
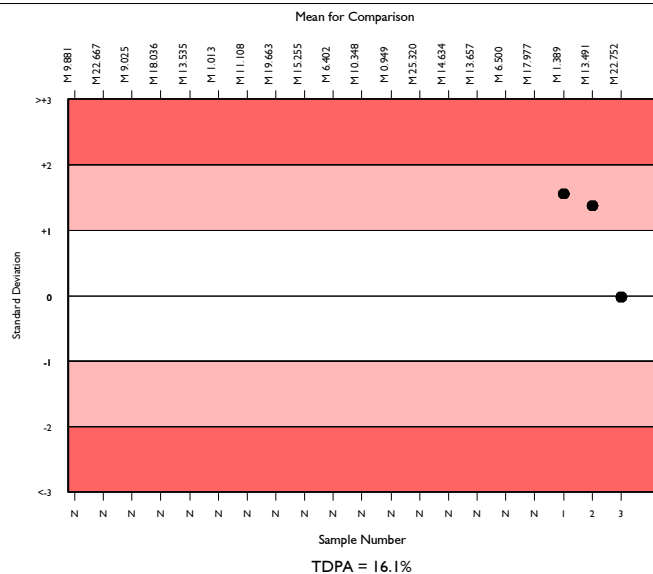
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1049	27.536	14.3	0.15	2.70	61
Abbott Architect	108	22.752	3.6	0.10	2.23	13

<span style="color: green;">▲</span> Your Result	22.700	SDI	-0.02
		RMSDI	Too Few
<span style="color: green;">■</span> Mean for Comparison	22.752	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	16.10%



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas 6000/8000	258	30.151	4.5	0.10
Roche Cobas 4000/e411	147	30.675	5.4	0.17
Abbott Architect	108	22.752	3.6	0.10
Abbott Alinity i	99	21.427	3.2	0.09
Beckman Dxl 600/800	81	24.907	6.0	0.21
Siemens Centaur XP/XPT	41	30.320	5.5	0.33
Siemens Atellica IM	40	29.434	4.3	0.25
Beckman Access/LXi725	30	24.812	5.4	0.30
Roche Elecsys	32	30.327	6.7	0.45
SNIBE Maglumi analysers	33	24.788	7.3	0.39
Tosoh AIA Series	28	29.278	10.0	0.69
Mindray CL 8000i/6000i/2000i/1200i/1000i	28	30.519	7.7	0.55
Ortho Vitros 3600/5600/ECi/XT 7600	22	25.697	10.1	0.69
Siemens/DPC Immulite 2000	14	8.823	22.7	0.67
DiaSorin Liaison XL	8	34.288	1.7	0.25
Siemens/DPC Immulite 1000	8	8.379	19.6	0.72
Shenzhen YHLO iFlash Series	5	26.392	5.2	0.77
Tosoh AIA-CL Series	5	30.340	8.2	1.39
Mindray CL 900i	4	32.770	7.7	1.58
Siemens Centaur CP	3	27.047	24.1	4.69
DiaSorin, Liaison	3	35.267	13.9	3.54

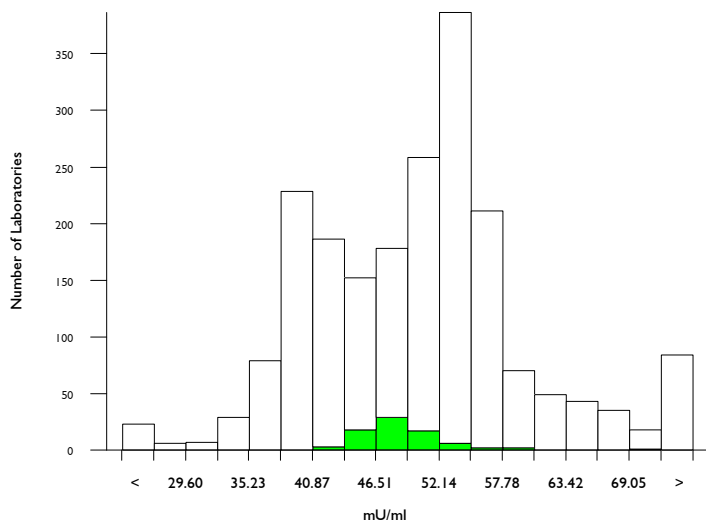


# LH, mU/ml

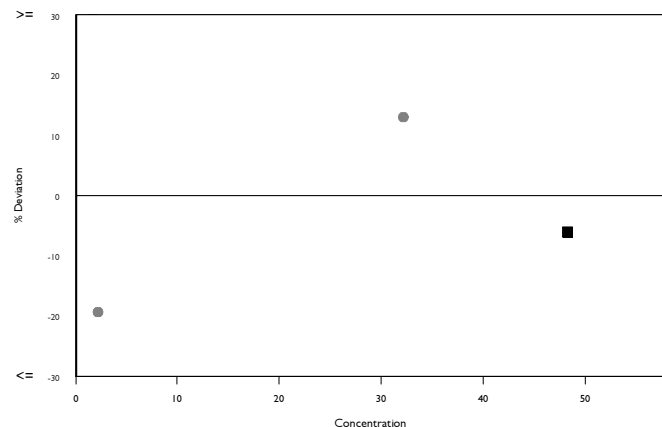
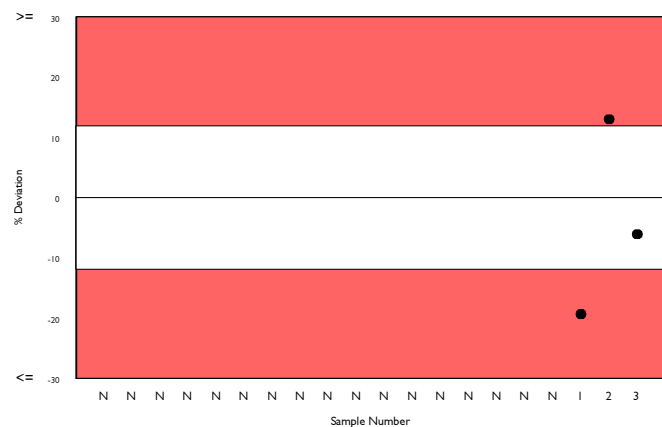
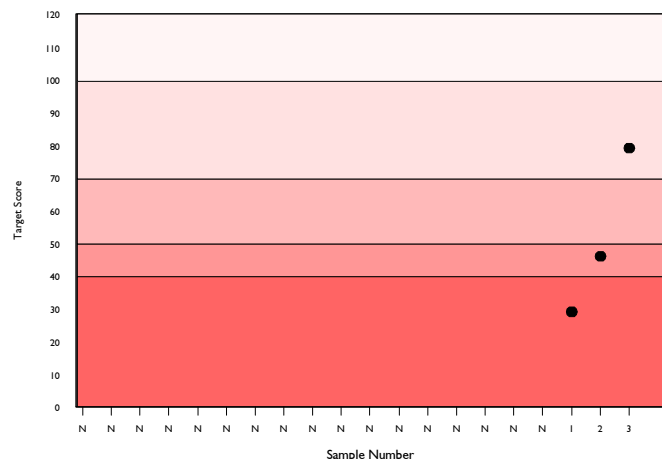
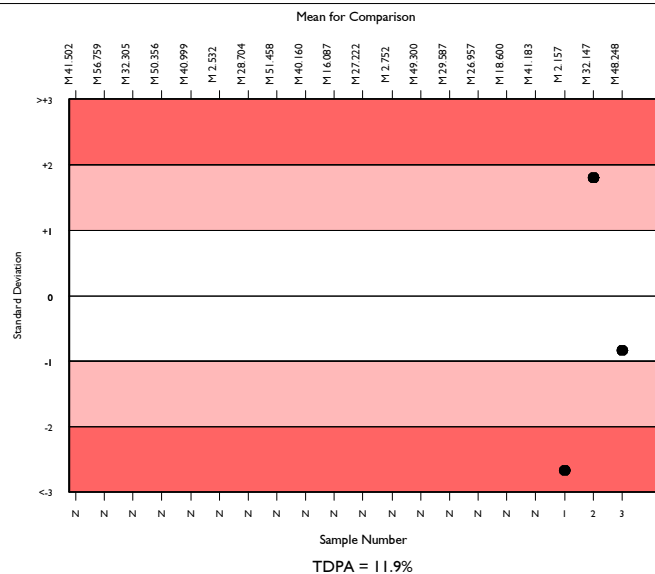
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1904	49.331	15.2	0.22	3.57	139
bioMerieux, VIDAS	70	48.248	5.1	0.37	3.49	8

▲ Your Result	45.320	SDI	-0.84
		RMSDI	Too Few
■ Mean for Comparison	48.248	TS	79
		RMTS	Too Few
		%DEV	-6.1
		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	318	53.265	4.0	0.15
Roche Cobas 4000/e411	257	53.547	5.7	0.24
Abbott Architect	193	40.191	7.5	0.27
Roche Cobas e402/e801	173	53.610	3.6	0.18
Abbott Alinity i	153	40.171	4.3	0.17
Beckman Dxl 600/800	118	41.705	7.2	0.35
Beckman Access/LXi725	87	41.577	7.5	0.42
Siemens Atellica IM	72	48.969	3.8	0.28
bioMerieux, VIDAS	70	48.248	5.1	0.37
Siemens Centaur XP/XPT	68	47.323	5.4	0.38
SNIBE Maglumi analysers	60	75.198	4.6	0.56
Ortho Vitros 3600/5600/ECi/XT 7600	59	63.161	4.1	0.42
Mindray CL 8000i/6000i/2000i/1200i/1000i	45	57.222	7.4	0.79
Siemens/DPC Immulite 2000	32	66.081	8.2	1.19
Tosoh AIA Series	30	46.478	6.9	0.73
Roche Elecsys	29	53.647	6.2	0.78
DiaSorin Liaison XL	14	62.270	7.5	1.55
Siemens/DPC Immulite 1000	11	75.309	6.0	1.72
Tosoh AIA-CL Series	7	46.943	2.4	0.53
Siemens Centaur CP	9	47.172	4.5	0.89
Shenzhen YHLO iFlash Series	6	67.623	4.7	1.62

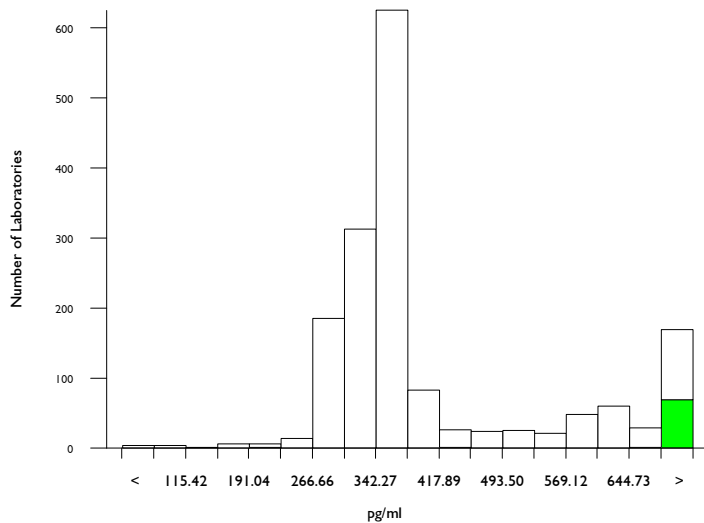


# Oestradiol, pg/ml

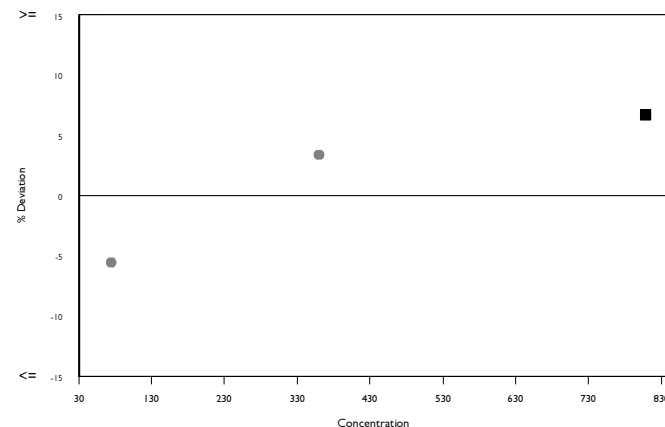
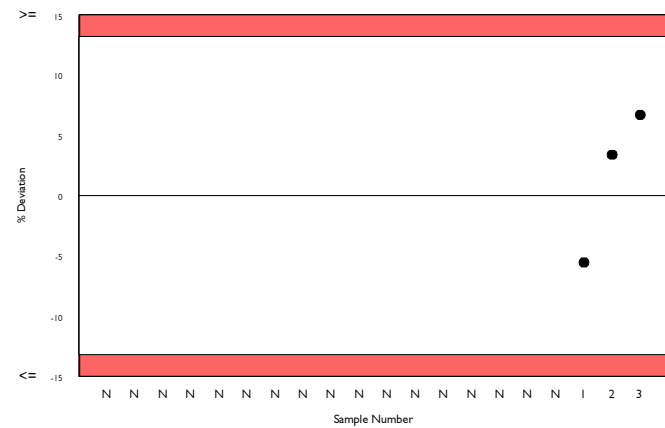
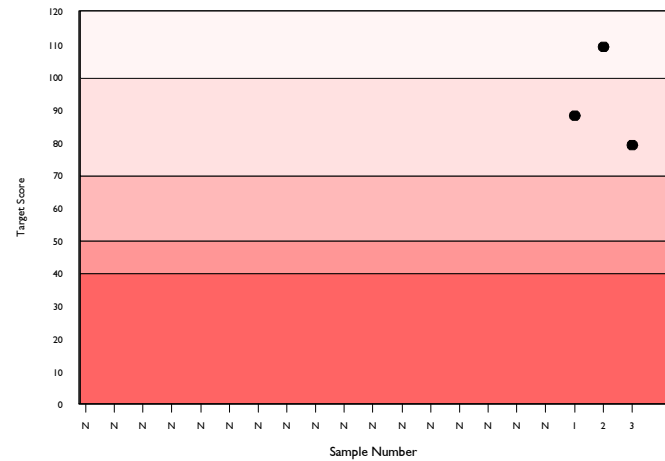
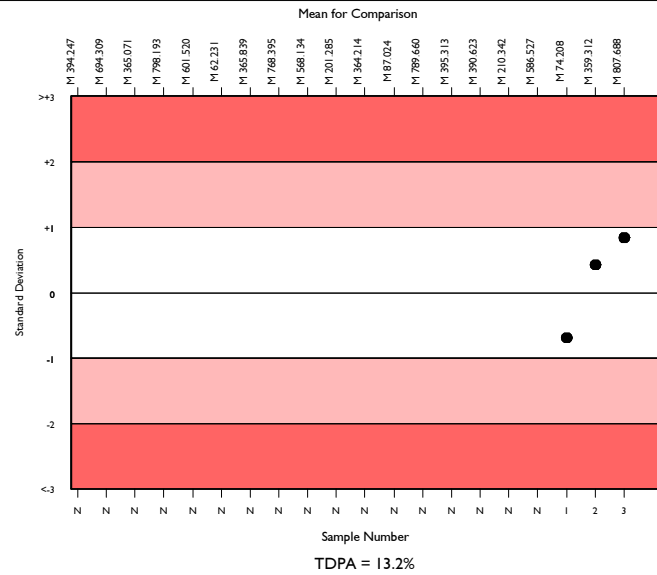
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1485	380.084	26.5	3.27	30.50	159
bioMerieux, VIDAS	64	807.688	4.3	5.45	64.82	8

▲ Your Result	861.800	SDI	0.83
		RMSDI	Too Few
■ Mean for Comparison	807.688	TS	79
		RMTS	Too Few
		%DEV	6.7
		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)	239	360.950	3.3	0.96
Abbott Architect	158	308.478	3.3	1.00
Roche Cobas e801 (Estradiol III)	158	362.668	2.4	0.88
Abbott Alinity i	132	298.738	3.9	1.26
Roche Cobas 4000/e411 (Estradiol III)	124	355.997	4.8	1.90
Roche Cobas 4000/e411 (Estradiol II)	79	352.967	4.9	2.45
Siemens Atellica IM	69	636.460	5.2	5.00
bioMerieux, VIDAS	64	807.688	4.3	5.45
Roche Cobas e601/ 602 (Estradiol II)	61	358.755	4.5	2.60
Beckman Dxl 600/800 Sensitive B84493	52	324.199	6.9	3.88
SNIBE Maglumi analysers	40	875.480	5.0	8.68
Beckman Dxl 600/800	38	323.325	5.9	3.85
Ortho Vitros 3600/5600/ECi/XT 7600	32	751.209	5.3	8.85
Siemens Centaur XP/XPT (eE2)	28	603.156	4.0	5.72
Siemens Centaur XP/XPT	31	597.470	4.0	5.41
Mindray CL 8000i/6000i/2000i/1200i/1000i	27	495.652	7.5	8.98
Beckman Access/LXi725	24	357.483	6.6	6.06
Beckman Access/LXi725 Sensitive B84493	20	361.299	9.3	9.37
Siemens/DPC Immulite 2000/2500	18	579.890	9.1	15.48
Roche Elecsys (Estradiol III)	13	348.432	5.4	6.54
Tosoh AIA Series (iE2-hsE2)	14	463.560	4.7	7.28

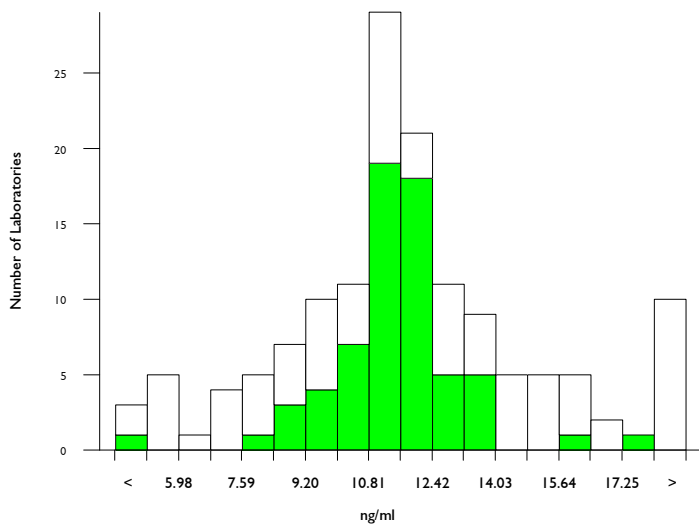


# 17-OH-Progesterone, ng/ml

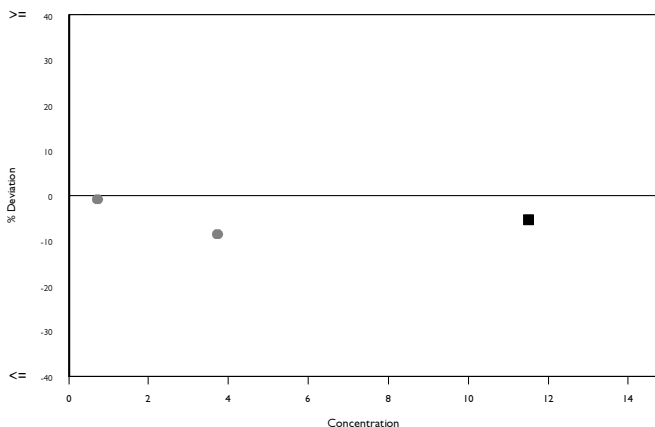
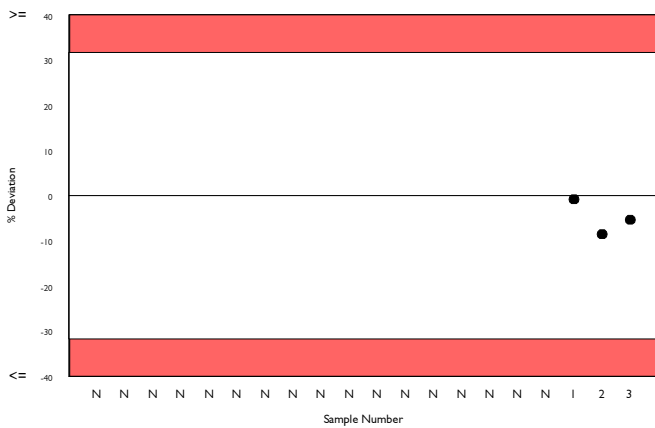
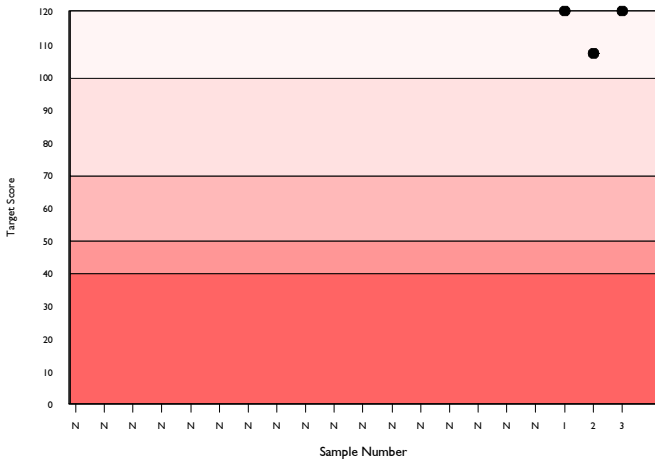
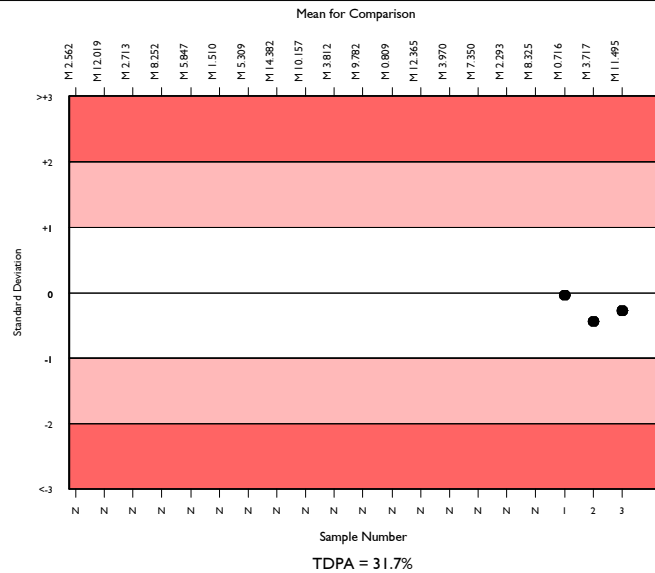
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	124	11.617	18.5	0.24	2.24	20
SNIBE Maglumi analysers	58	11.495	9.1	0.17	2.22	7

▲ Your Result	10.880	SDI	-0.28
		RMSDI	Too Few
■ Mean for Comparison	11.495	TS	120
		RMTS	Too Few
		%DEV	-5.3
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
SNIBE Maglumi analysers	58	11.495	9.1	0.17
DRG ELISA	17	13.249	16.7	0.67
ELISA	9	13.147	22.2	1.21
DIAsource, RIA	6	10.254	13.1	0.69
IDS-iSYS 17-OH Progesterone	5	7.617	6.2	0.26
DIAsource, ELISA	5	12.050	23.5	1.58
LC/MS	5	14.540	7.8	0.63
CDG Q-Strip	4	6.425	14.0	0.56
DBC ELISA	2	5.995	67.6	3.58
IBL ELISA	2	12.207	11.0	1.19
Immunotech RIA	3	10.653	7.3	0.56
Autobio CLIA	2	30.062	13.8	3.67
Demeditec ELISA	2	12.915	20.6	2.36
DiaMetra ELISA	2	9.150	17.8	1.44
HPLC	2	18.576	0.0	0.00
Stat Fax Elisa Readers	1	14.700	0.0	0.00

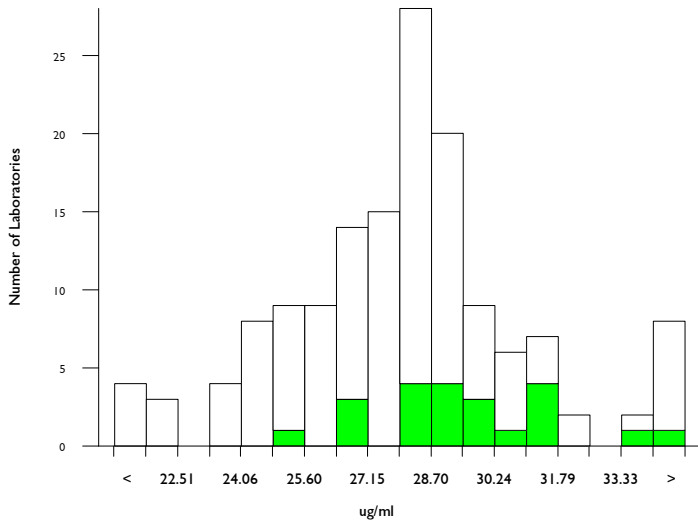


# Phenobarbital, ug/ml

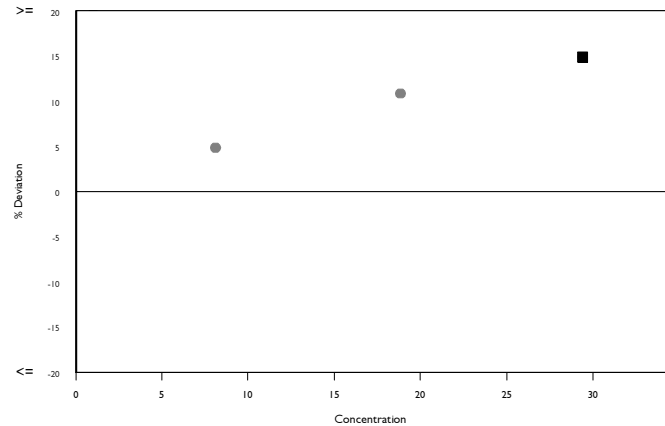
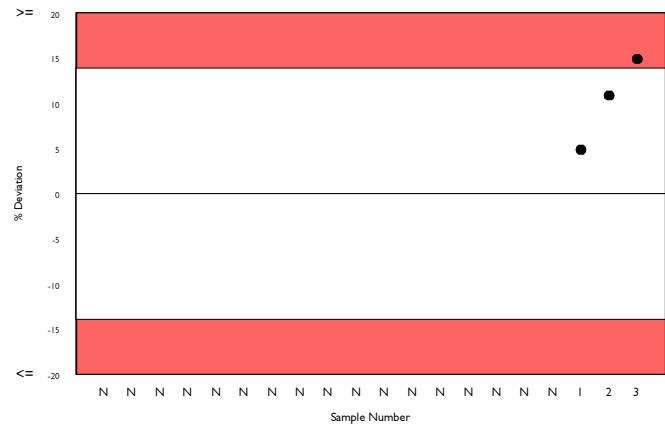
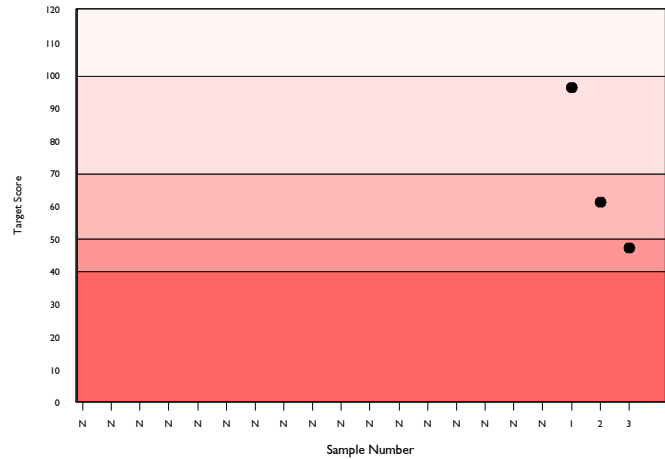
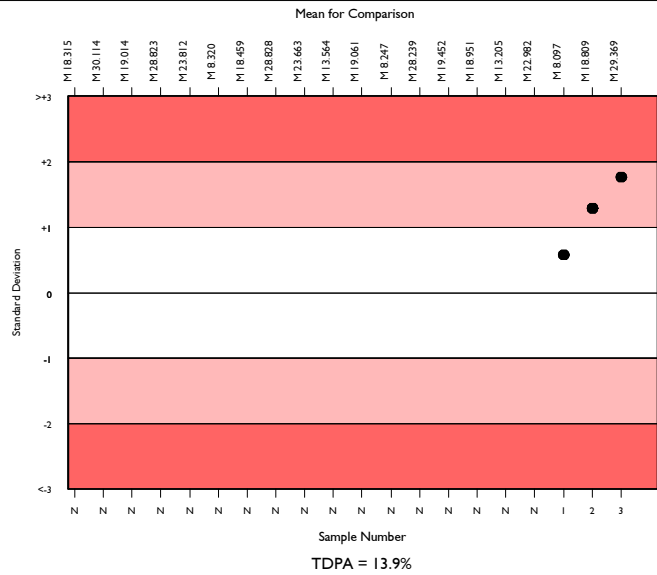
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	132	27.927	7.4	0.22	2.36	16
Abbott Architect (CMIA)	21	29.369	7.0	0.56	2.48	1

▲ Your Result	33.740	SDI	1.76
		RMSDI	Too Few
■ Mean for Comparison	29.369	TS	47
		RMTS	Too Few
		%DEV	14.9
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	13.90%
TS & %DEV outside limits	



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas C303/501/502/503/701	37	27.940	4.2	0.24
Abbott Architect (CMIA)	21	29.369	7.0	0.56
Abbott Alinity (PETINA)	18	25.938	5.5	0.42
Beckman AU Instruments	11	27.140	13.6	1.40
Siemens Atellica CH	7	29.224	4.6	0.63
Roche Integra	7	26.708	4.6	0.58
Roche Cobas E601/602/801	4	28.150	1.7	0.29
Microgenics CEDIA assay	5	25.640	3.6	0.51
Siemens Centaur XP/XPT	4	38.433	4.8	1.15
EMIT	4	30.093	4.3	0.80
Abbott Architect (PETINIA)	3	25.027	13.9	2.51
Siemens Dimension	3	30.367	5.2	1.15
Beckman Synchron LX systems / Unicl DxC	3	26.594	10.1	1.94
Siemens ADVIA 1200/1650/1800/2400	2	29.950	1.7	0.44
Siemens/DPC Immulite 2000/2500	2	30.650	4.8	1.31
GC/MS	2	29.625	1.8	0.47

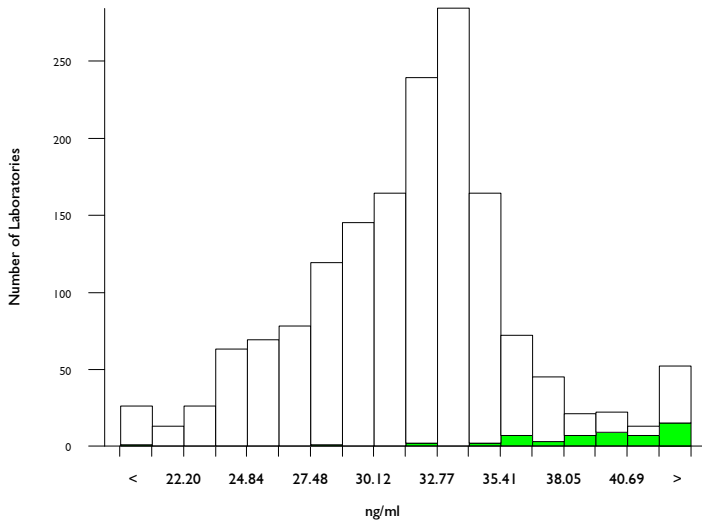


# Progesterone, ng/ml

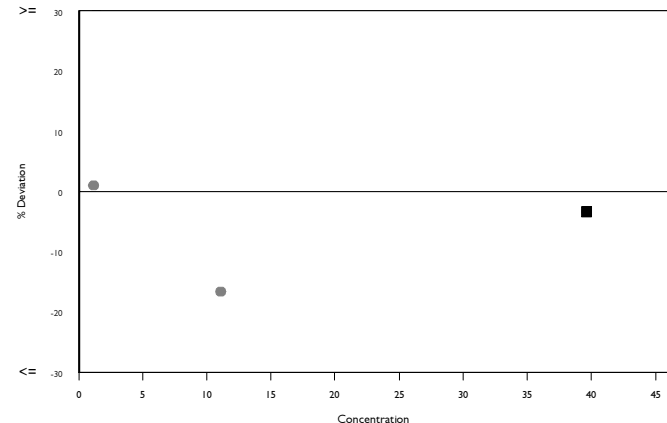
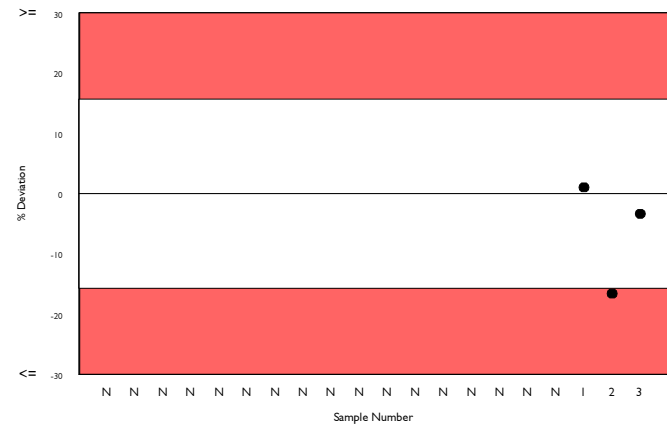
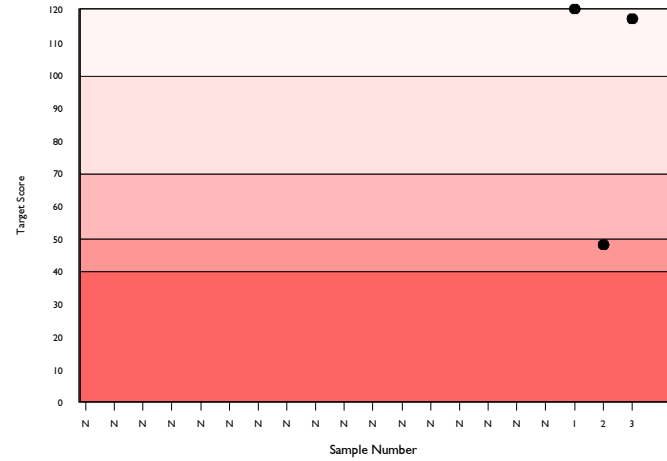
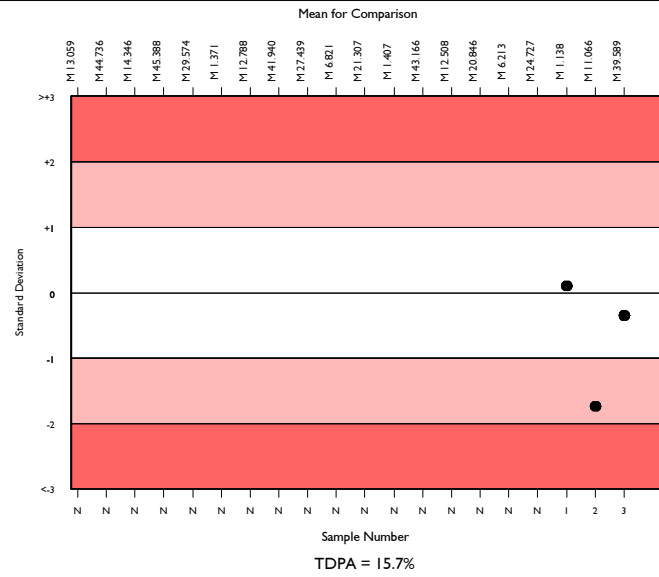
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1492	31.450	11.2	0.11	3.00	135
bioMerieux, VIDAS (<= lot 1009311690)	47	39.589	8.3	0.60	3.78	7

▲ Your Result	38.260	SDI	-0.35
		RMSDI	Too Few
■ Mean for Comparison	39.589	TS	117
		RMTS	Too Few
		%DEV	-3.4
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Roche Cobas e601/ 602 (Prog. III)	217	32.983	3.9	0.11
Abbott Architect	144	31.175	6.0	0.19
Roche Cobas e801 (Prog III)	148	33.157	3.9	0.13
Abbott Alinity i	134	28.694	5.0	0.15
Roche Cobas 4000/e411 (Prog. III)	117	33.643	5.3	0.21
Roche Cobas 4000/e411 (Prog. II)	87	33.236	5.7	0.26
Roche Cobas e601/ 602 (Prog. II)	71	33.156	4.4	0.22
Beckman DXI Prog. Cal 33555	66	30.374	7.7	0.36
Siemens Atellica IM	62	26.178	6.5	0.27
Beckman Access Prog. Cal 33555	59	30.318	6.4	0.32
Siemens Centaur XP/XPT	54	24.476	6.8	0.28
bioMerieux, VIDAS (<= lot 1009311690)	47	39.589	8.3	0.60
SNIBE Maglumi analysers	40	25.326	7.1	0.36
Tosoh AIA Series	26	35.695	7.5	0.66
Ortho Vitros 3600/5600/ECi/XT 7600	28	35.156	7.6	0.63
Siemens/DPC Immulite 2000/2500	24	25.283	6.5	0.42
Mindray CL 8000i/6000i/2000i/1200i/1000i	20	42.896	12.8	1.54
Roche Elecsys (Prog. II)	14	33.385	7.9	0.88
Siemens/DPC Immulite 1000	11	27.117	3.9	0.40
bioMerieux, VIDAS (>= lot 1009323920)	12	40.107	10.8	1.56
Roche Elecsys (Prog. III)	12	33.021	8.4	1.00

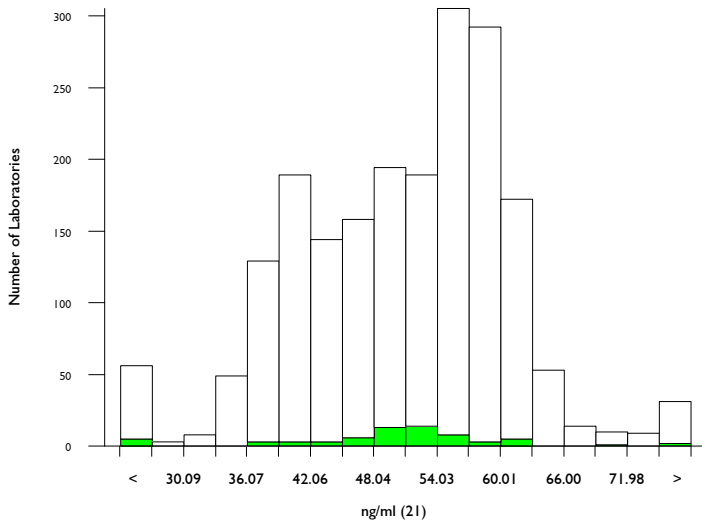


# Prolactin, ng/ml (21)

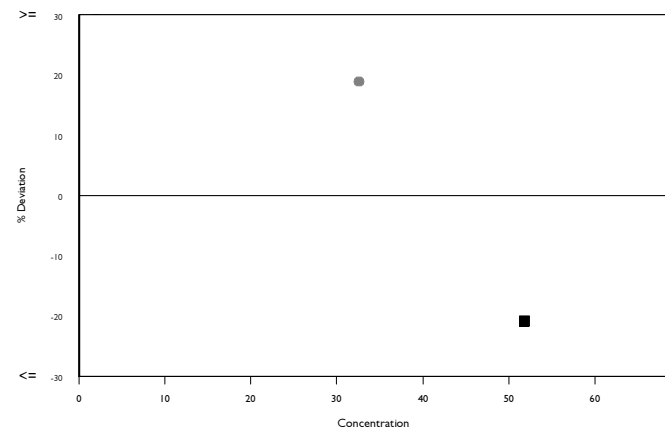
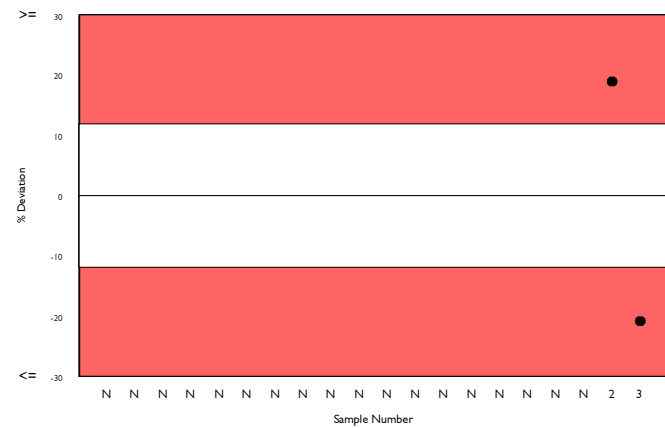
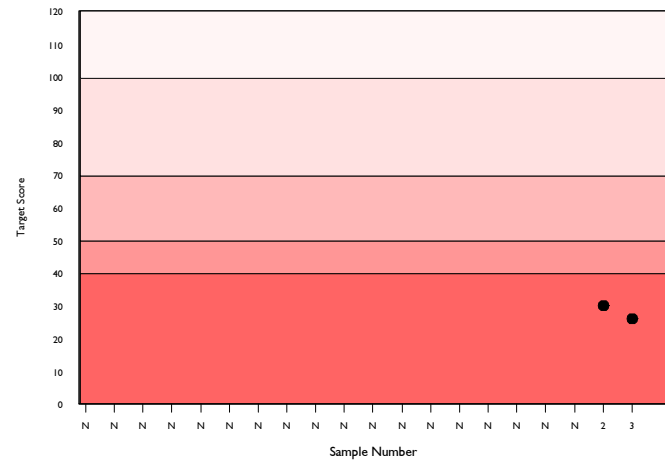
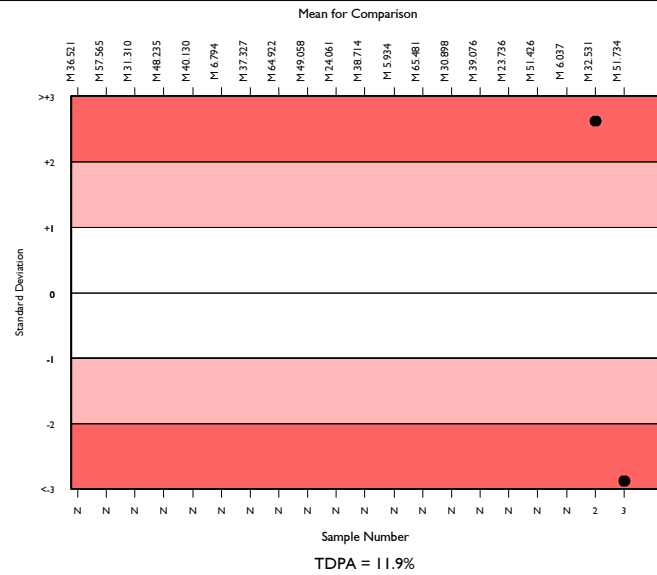
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1875	51.041	15.6	0.23	3.69	131
bioMerieux, VIDAS	55	51.734	10.3	0.90	3.74	11

▲ Your Result	40.960	SDI	-2.88
		RMSDI	Too Few
■ Mean for Comparison	51.734	TS	26
		RMTS	Too Few
		%DEV	-20.8
		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	289	57.397	3.7	0.15
Roche Cobas 4000/e411	249	59.954	6.2	0.29
Abbott Architect	179	47.848	6.1	0.27
Roche Cobas e801 PRL II	150	55.799	3.1	0.18
Abbott Alinity i	148	49.900	5.3	0.27
Beckman Dxl 600/800	104	40.482	6.1	0.30
Beckman Access/LXi725	93	41.597	7.5	0.40
Siemens Atellica IM	70	37.876	5.7	0.32
Siemens Centaur XP/XPT	68	39.000	5.8	0.34
SNIBE Maglumi analysers	61	52.624	6.7	0.57
bioMerieux, VIDAS	55	51.734	10.3	0.90
Ortho Vitros 3600/5600/ECi/XT 7600	53	40.026	4.4	0.30
Mindray CL 8000i/6000i/2000i/1200i/1000i	41	53.727	9.0	0.95
Siemens/DPC Immulite 2000/2500	34	43.801	6.4	0.60
Roche Elecsys/EI170/Cobas e601/ 602 PRLII	29	58.333	3.2	0.43
Tosoh AIA Series	31	48.273	17.0	1.84
Roche Elecsys	21	58.738	5.5	0.88
DiaSorin Liaison XL	13	53.092	12.4	2.27
Siemens/DPC Immulite 1000	10	46.905	6.9	1.28
Shenzhen YHLO iFlash Series	8	62.452	6.9	1.91
Tosoh AIA-CL Series	7	55.134	5.5	1.44



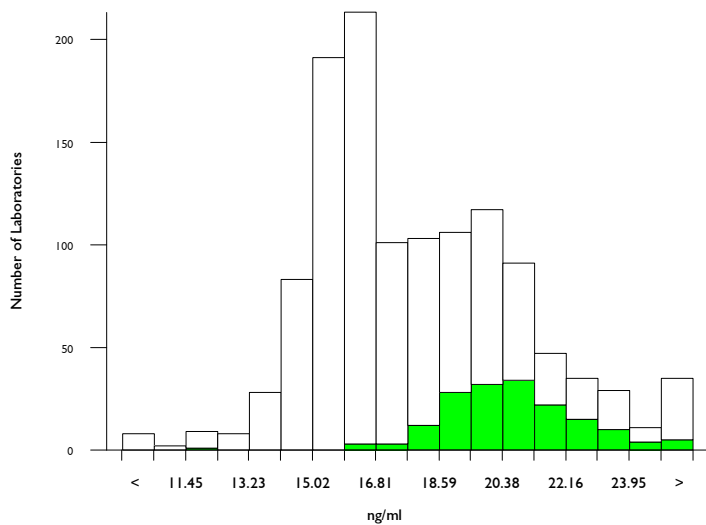


# PSA, Free, ng/ml

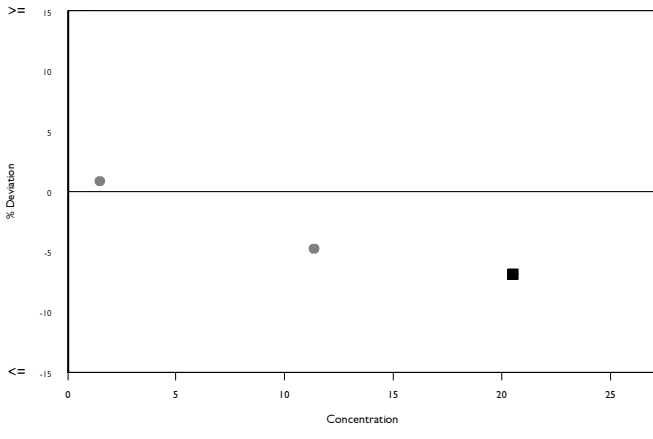
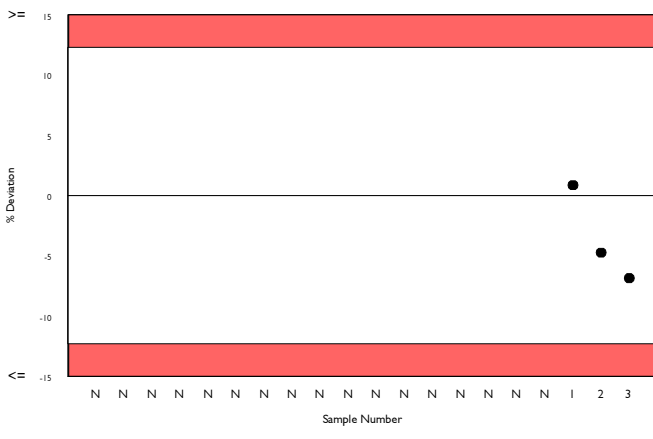
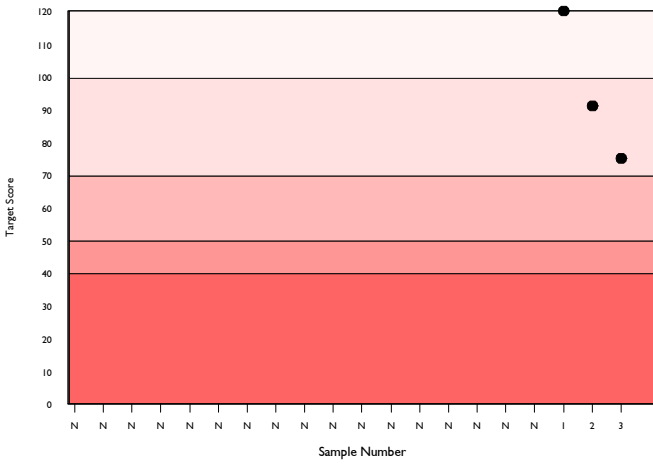
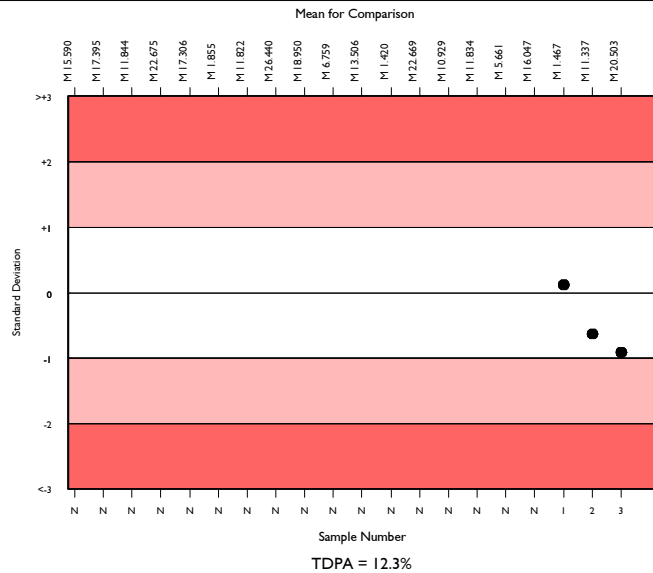
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1138	17.703	13.4	0.09	1.32	140
Abbott Architect	156	20.503	7.4	0.15	1.53	14

▲ Your Result	19.100	SDI RMSDI	-0.92 Too Few
■ Mean for Comparison	20.503	TS RMTS	75 Too Few
		%DEV RM%DEV	-6.8 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	193	16.167	4.5	0.06
Abbott Architect	156	20.503	7.4	0.15
Abbott Alinity i	134	19.575	6.2	0.13
Roche Cobas e402/e801	122	15.441	3.6	0.06
Roche Cobas 4000/e411	117	16.155	4.9	0.09
Beckman DXI standardised to Hybritech	55	22.128	11.4	0.43
Siemens Centaur XP/XPT	54	18.163	4.6	0.14
Siemens Atellica IM	51	18.885	4.2	0.14
Beckman Access standardised to Hybritech	27	21.225	5.9	0.30
Mindray CL 8000i/6000i/2000i/1200i/1000i	25	20.221	4.9	0.25
BioMerieux VIDAS	11	22.306	7.0	0.59
Tosoh AIA Series	22	15.818	6.2	0.26
SNIBE Maglumi analysers	23	15.920	8.8	0.37
Siemens/DPC Immulite 2000/2500	23	15.794	5.3	0.22
Ortho Vitros 3600/5600/ECi PSA II/XT7600	22	15.059	3.9	0.15
Roche Elecsys	12	16.753	6.7	0.40
DiaSorin Liaison XL	12	16.832	4.9	0.30
Tosoh AIA-CL Series	9	19.469	7.2	0.58
Beckman DXI standard to WHO IRP96/670	4	19.695	21.7	2.67
Siemens Dimension	5	15.202	8.0	0.68
Immunotech IRMA	5	13.869	2.0	0.16

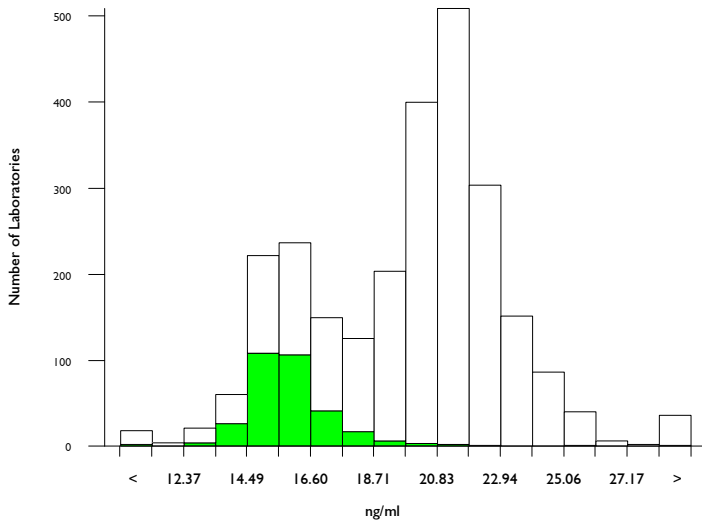


# PSA, Total, ng/ml

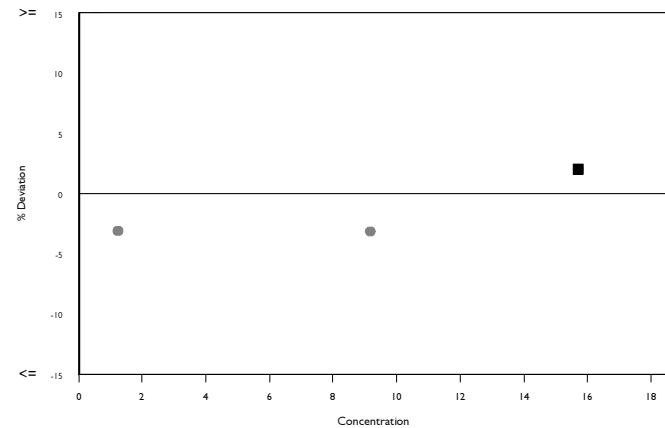
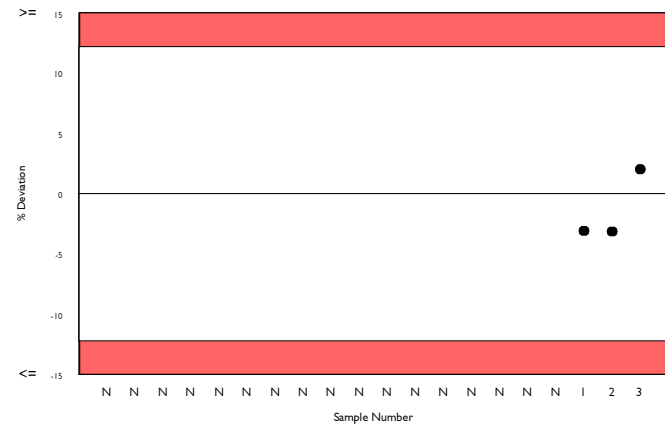
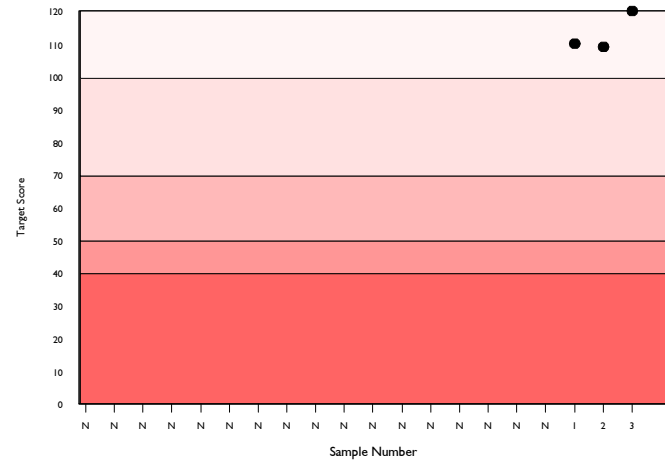
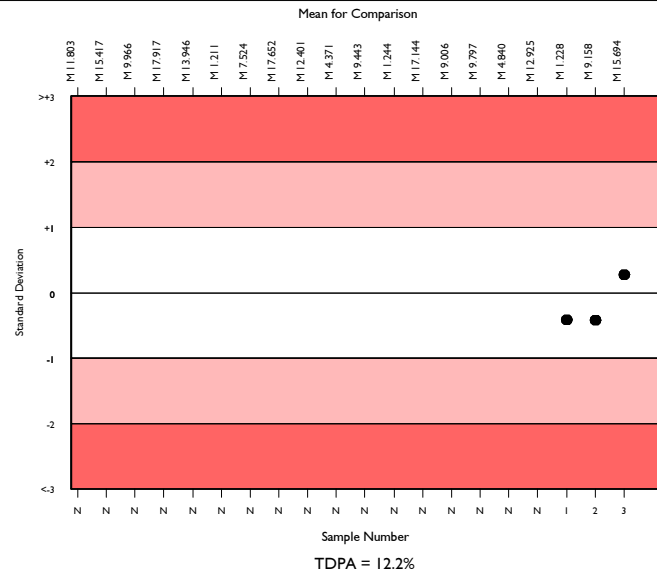
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2461	19.777	14.3	0.07	1.47	109
Abbott Architect	288	15.694	5.8	0.07	1.16	30

▲ Your Result	16.010	SDI	0.27
		RMSDI	Too Few
■ Mean for Comparison	15.694	TS	120
		RMTS	Too Few
		%DEV	2.0
		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	425	21.390	3.8	0.05
Roche Cobas 4000/e411	285	21.553	4.9	0.08
Abbott Architect	288	15.694	5.8	0.07
Abbott Alinity i	220	15.838	5.5	0.07
Roche Cobas e402/e801	202	20.502	4.0	0.07
Beckman DXI standardised to Hybritech	140	23.102	5.8	0.14
Beckman Access standardised to Hybritech	107	23.752	4.8	0.14
Siemens Atellica IM	92	19.833	3.7	0.09
Siemens Centaur XP/XPT	98	20.156	6.0	0.15
Mindray CL 8000i/6000i/2000i/1200i/1000i	55	20.785	5.7	0.20
SNIBE Maglumi analysers	54	17.532	5.8	0.17
Ortho Vitros 3600/5600/ECi PSA II/XT7600	50	21.384	2.8	0.11
Tosoh AIA Series	41	13.919	6.8	0.18
bioMerieux, Vidas TPSA	28	19.162	5.9	0.27
Roche Elecsys	25	20.930	7.0	0.37
Siemens Immulite 2000/2500, Total PSA	26	16.412	10.3	0.41
DiaSorin Liaison XL	23	21.678	7.5	0.42
Ortho Vitros 3600/5600/ECi	22	21.161	3.9	0.22
Beckman Access standard to WHO IRP96/670	19	23.635	5.8	0.39
bioMerieux, VIDAS	17	18.890	6.7	0.38
Siemens Centaur CP	17	19.949	8.2	0.49







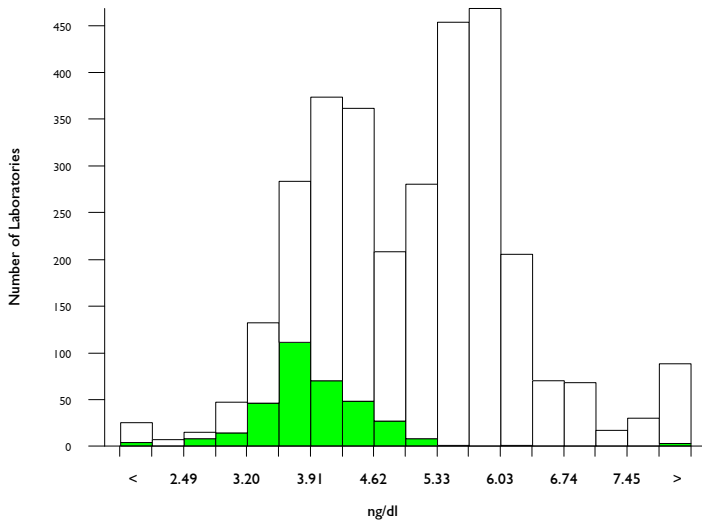
# Free T4, ng/dl

- All Methods
- Abbott Architect

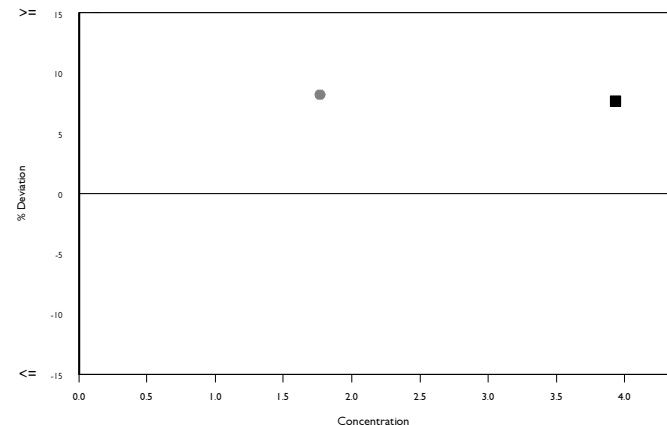
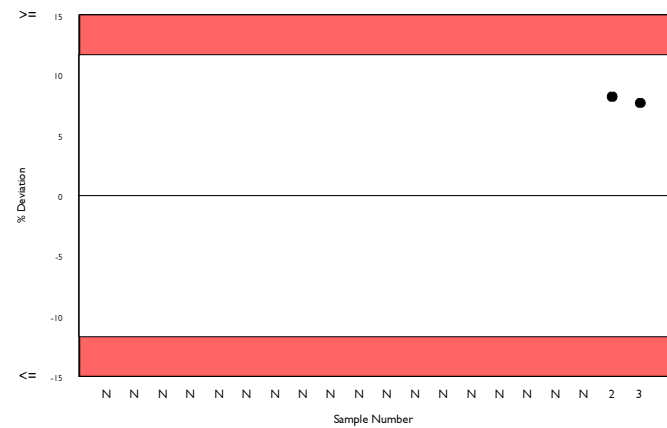
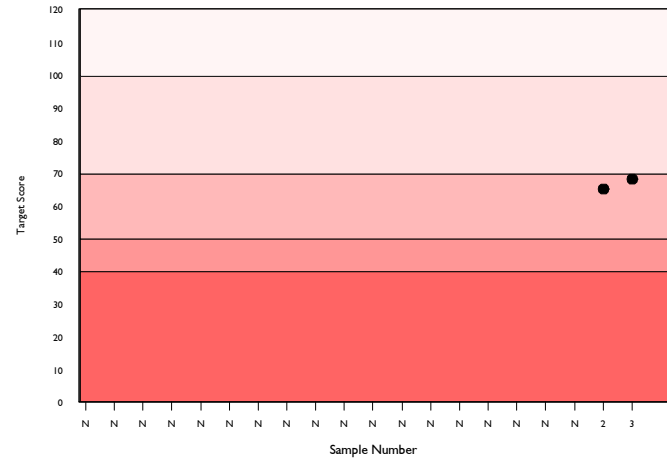
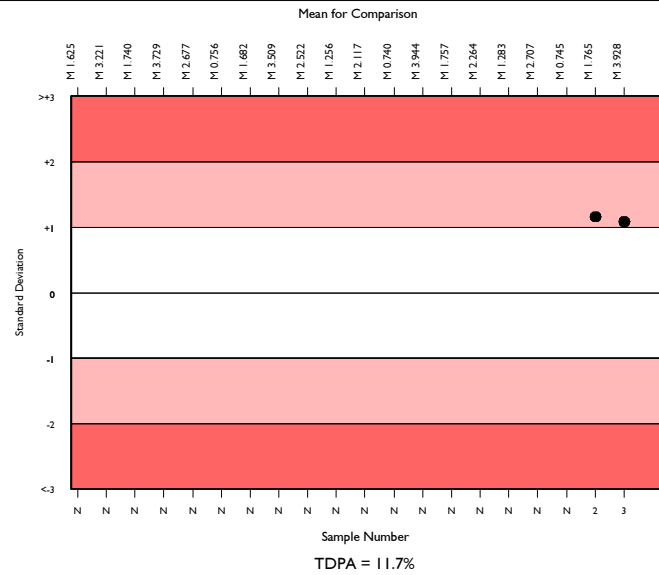
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	2955	4.976	19.0	0.02	0.35	275
Abbott Architect	310	3.928	10.8	0.03	0.28	42

<span style="color: green;">▲</span> Your Result	4.230	SDI	1.08
		RMSDI	Too Few
<span style="color: green;">■</span> Mean for Comparison	3.928	TS	68
		RMTS	Too Few
		%DEV	7.7
		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	530	5.584	6.1	0.02
Roche Cobas 4000/e411	381	5.616	6.8	0.02
Abbott Architect	310	3.928	10.8	0.03
Roche Cobas e402/e801	276	5.765	4.8	0.02
Abbott Alinity i	234	3.742	10.9	0.03
Beckman Dxl 600/800	199	4.592	4.7	0.02
Beckman Access/LXi725	179	4.234	7.2	0.03
Siemens Atellica IM	121	4.232	3.3	0.02
Siemens Centaur XP/XPT	111	3.909	4.9	0.02
Ortho Vitros 3600/5600/ECi/XT/7600	35	6.975	1.8	0.03
SNIBE Maglumi analysers	85	7.503	8.5	0.09
Mindray CL 8000i/6000i/2000i/1200i/1000i	67	4.439	4.7	0.03
Tosoh AIA Series	53	5.674	7.2	0.07
bioMerieux, VIDAS-FT4N Kit	48	6.005	4.3	0.05
Roche Elecsys	42	5.778	6.8	0.08
Siemens/DPC Immulite 2000/2500	21	5.821	3.1	0.05
DiaSorin Liaison XL	26	8.592	4.1	0.09
Siemens Centaur CP	23	4.325	7.3	0.08
Immunotech RIA	15	3.564	8.5	0.10
Sysmex HISCL Series	15	6.438	9.1	0.19
Siemens/DPC Immulite 1000	9	5.985	12.8	0.32

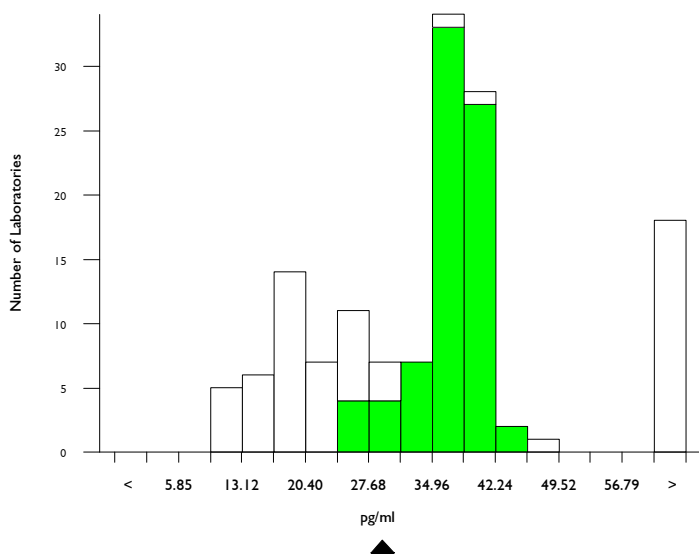


# Free Testosterone (Pilot), pg/ml

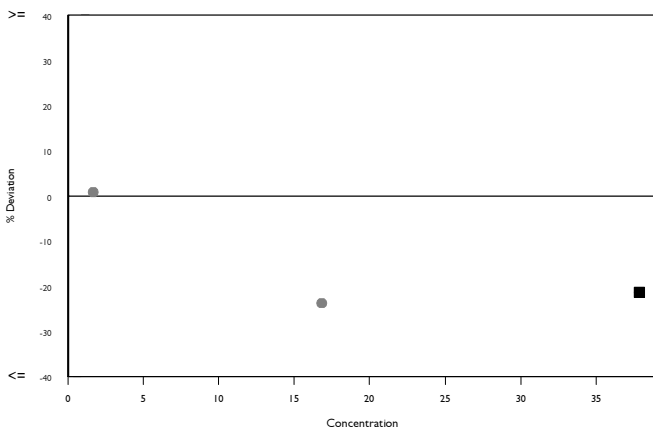
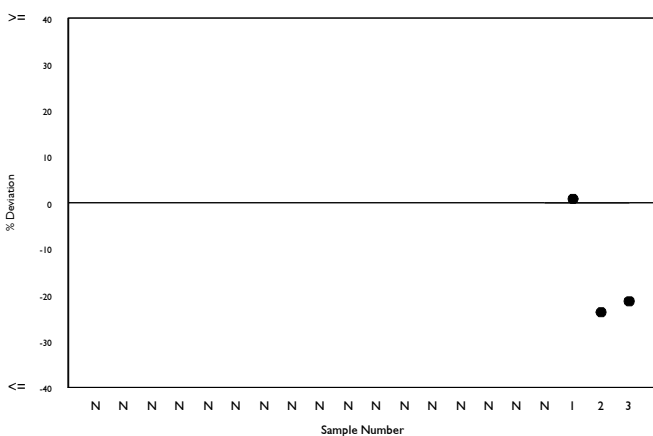
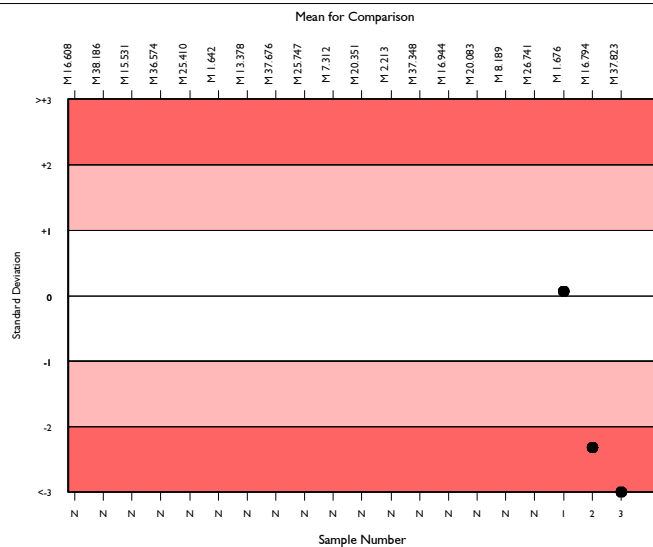
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	122	31.325	31.0	1.10	9.70	18
SNIBE Maglumi analysers	65	37.823	5.0	0.29	1.89	12

▲ Your Result	29.750	SDI	-4.28
		RMSDI	Too Few
■ Mean for Comparison	37.823	TS	N/A
		RMTS	N/A
		%DEV	-21.3
		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	65	37.823	5.0	0.29
Calculated	9	182.951	14.2	10.83
Diametra ELISA	7	19.005	28.9	2.59
ELISA	5	21.398	17.5	2.10
DRG ELISA	6	20.838	17.7	1.88
IDS Free Testosterone	5	19.266	0.8	0.08
DIAsource, RIA	5	12.924	18.7	1.35
Novatec ELISA	4	20.272	9.8	1.24
Roche Cobas 4000/e411	3	173.807	20.6	25.78
Roche Cobas 6000/8000	2	197.921	5.8	10.16
CDG Q-Strip	2	30.600	23.6	6.37
DSL/Beckman Coulter, RIA	1	11.124	0.0	0.00
Monobind Inc. ELISA / CLIA	2	24.050	26.8	5.70

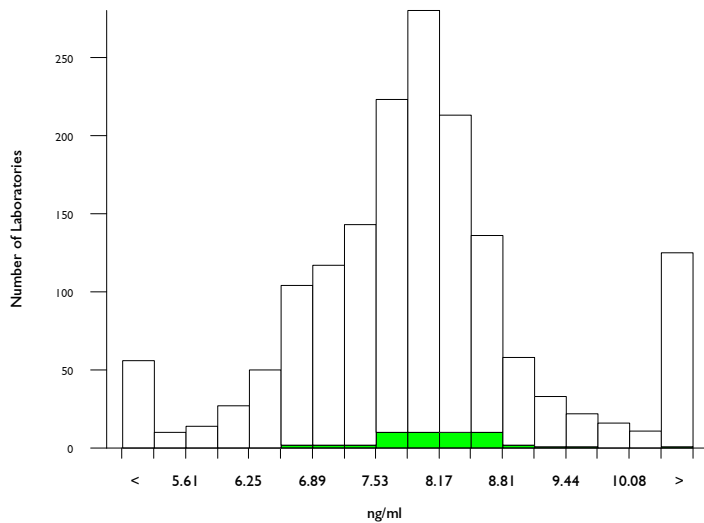


# Testosterone, ng/ml

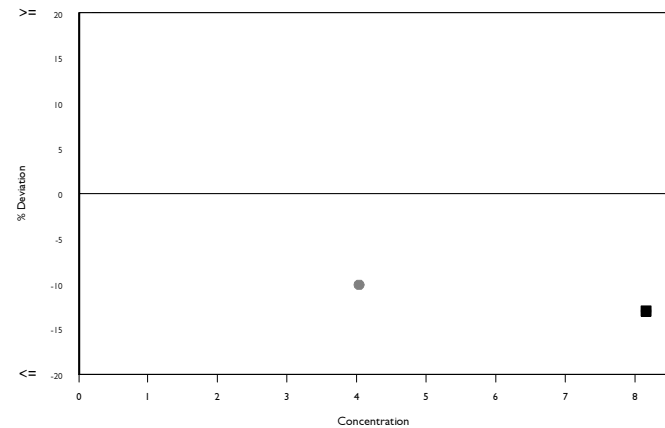
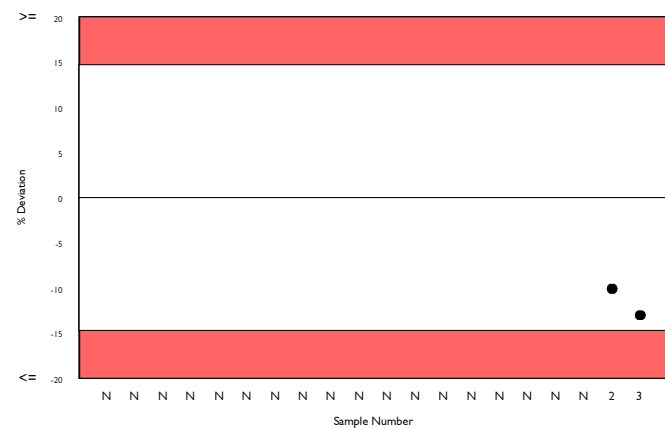
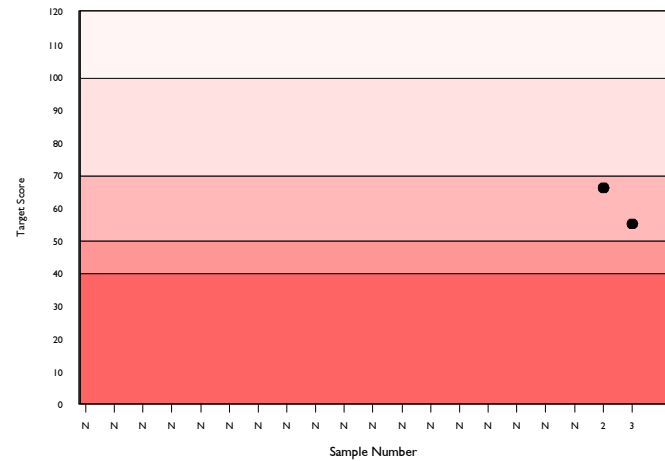
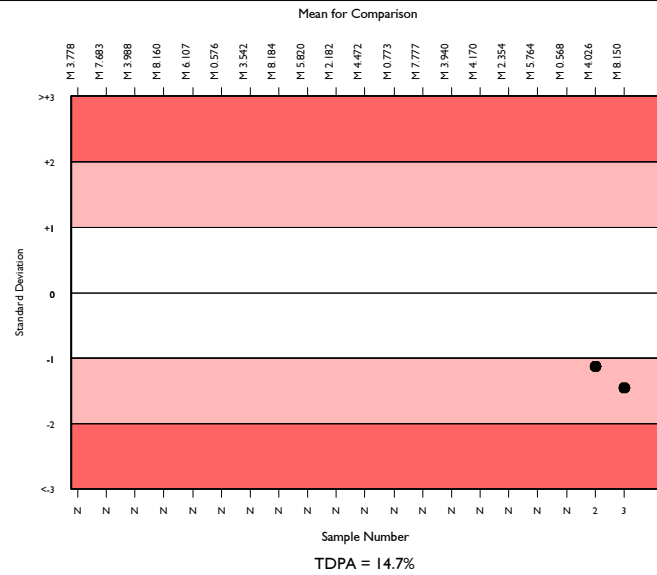
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	1464	7.852	10.9	0.03	0.70	175
Abbott Architect 2nd gen	47	8.150	6.1	0.09	0.73	4

▲ Your Result	7.090	SDI	-1.46
		RMSDI	Too Few
■ Mean for Comparison	8.150	TS	55
		RMST	Too Few
		%DEV	-13.0
		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	241	8.133	5.3	0.03
Roche Cobas 4000/e411 Test II	221	8.031	5.7	0.04
Roche Cobas e801 Test II	130	8.044	4.2	0.04
Abbott Alinity i	126	8.284	4.9	0.05
Beckman Dxl 600/800	101	6.762	5.9	0.05
Abbott Architect	95	8.169	6.6	0.07
Siemens Atellica IM	68	7.095	4.9	0.05
Beckman Access/LXi725	66	7.334	6.1	0.07
SNIBE Maglumi analysers	53	6.160	22.8	0.24
Abbott Architect 2nd gen	47	8.150	6.1	0.09
Ortho Vitros 3600/5600/ECi/XT 7600	40	11.037	4.5	0.10
bioMerieux, VIDAS	37	7.307	6.2	0.09
bioMerieux VIDAS Testosterone II	37	7.213	5.4	0.08
Siemens/DPC Immulite 2000/2500	35	9.729	10.3	0.21
Siemens Centaur XP/XPT TSTII	32	6.971	7.1	0.11
Mindray CL 8000i/6000i/2000i/1200i/1000i	29	11.845	6.9	0.19
Roche Elecsys Test II	25	8.105	4.7	0.10
Tosoh AIA Series	21	11.146	9.1	0.28
Siemens Centaur XP/XPT TSTO	19	7.062	7.7	0.16
DiaSorin Liaison XL	12	4.167	21.3	0.32
Tosoh AIA-CL Series	8	10.555	18.1	0.85

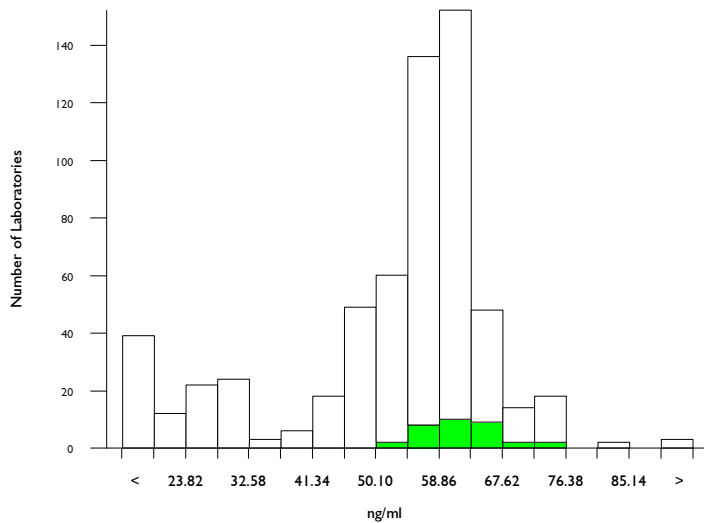


# Thyroglobulin, ng/ml

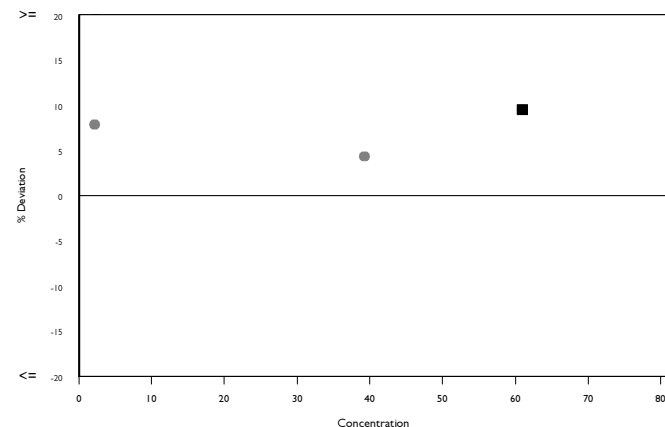
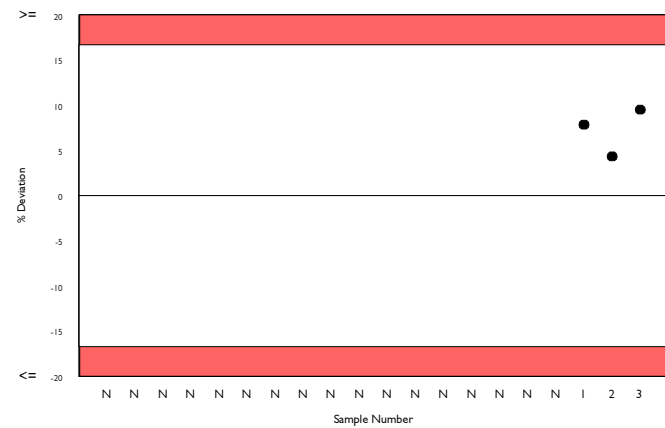
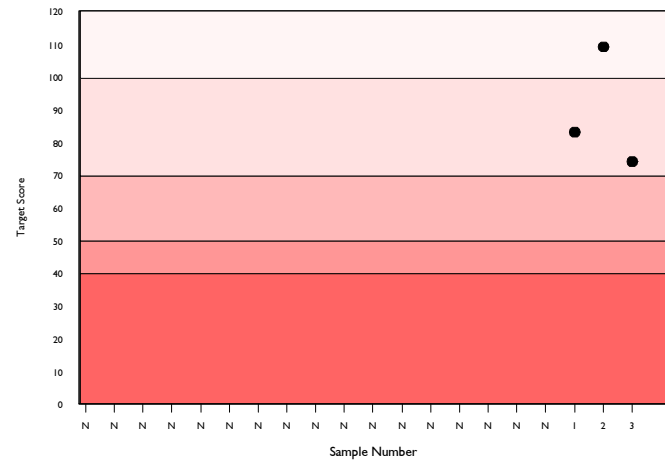
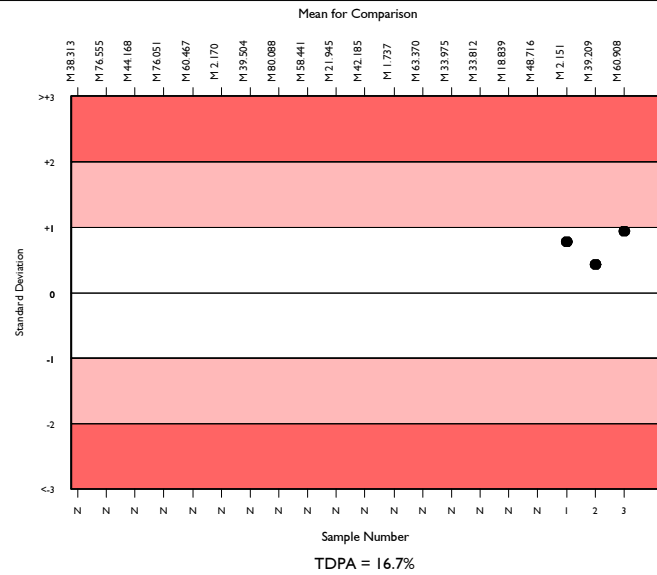
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	564	54.483	21.4	0.61	5.53	42
Abbott Architect	31	60.908	7.7	1.05	6.18	2

▲ Your Result	66.700	SDI	0.94
		RMSDI	Too Few
■ Mean for Comparison	60.908	TS	74
		RMTS	Too Few
		%DEV	9.5
		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	77	59.841	5.1	0.44
Roche Cobas e801 Tg II	58	57.784	4.1	0.39
Beckman Dxl 600/800	46	48.574	5.4	0.49
Siemens Immulite 2000/2500	42	26.977	10.5	0.55
Roche Cobas 4000/e411	40	59.175	4.5	0.53
Roche Cobas e601/602	42	59.493	4.7	0.54
Roche Cobas 4000/e411 TgII	35	59.338	6.2	0.78
Abbott Architect	31	60.908	7.7	1.05
Abbott Alinity i	25	61.374	4.8	0.74
Beckman Access	26	50.457	8.7	1.07
SNIBE Maglumi analysers	15	4.323	7.8	0.11
DiaSorin, Liaison XL TG II Gen	12	72.018	5.9	1.53
Beckman IRMA	13	54.273	6.8	1.29
Roche Elecsys Tg II	10	61.631	4.0	0.97
Mindray CL 8000i/6000i/2000i/1200i/1000i	10	16.590	14.1	0.93
Tosoh AIA Series	8	56.425	10.1	2.51
Roche Elecsys	7	58.421	4.2	1.15
DiaSorin Liaison XL	7	74.541	1.8	0.65
Siemens Atellica IM	9	52.998	4.9	1.08
Siemens Immulite 1000	5	28.620	12.6	2.02
DiaSorin, Liaison TG II Gen	5	69.330	11.6	4.49



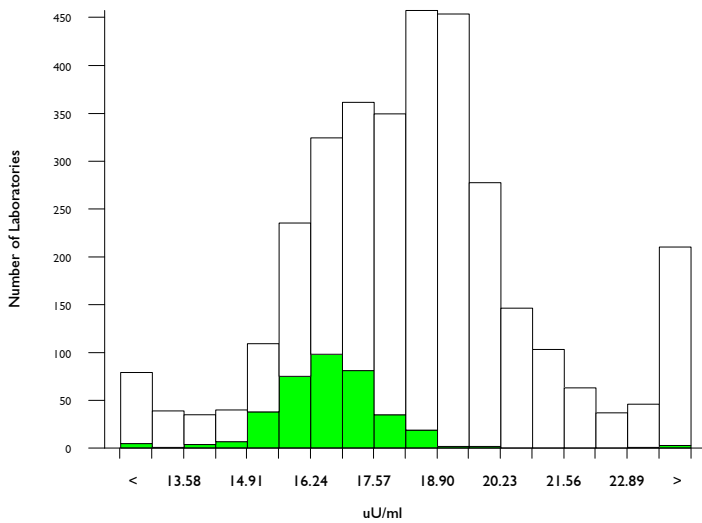


# TSH, uU/ml

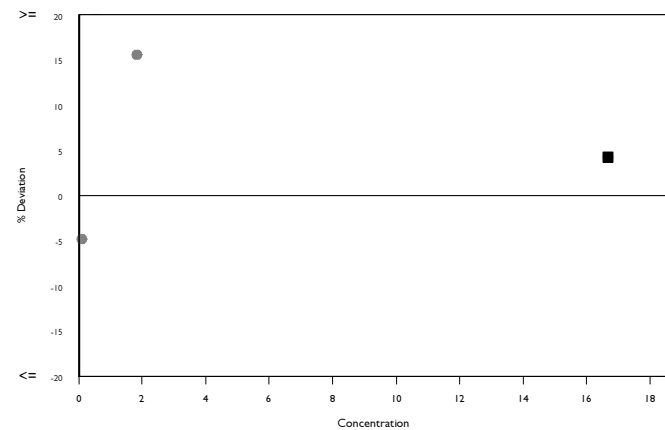
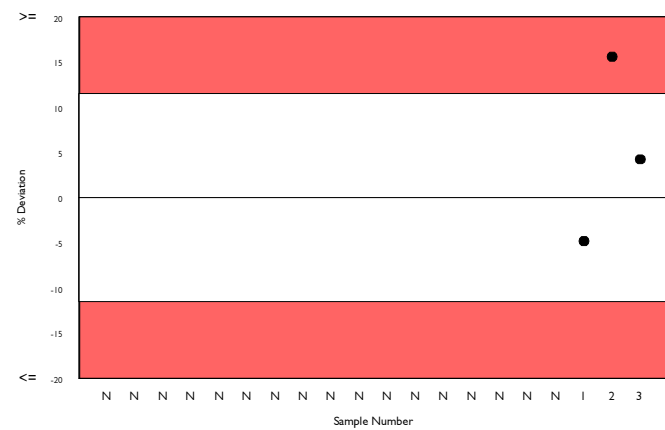
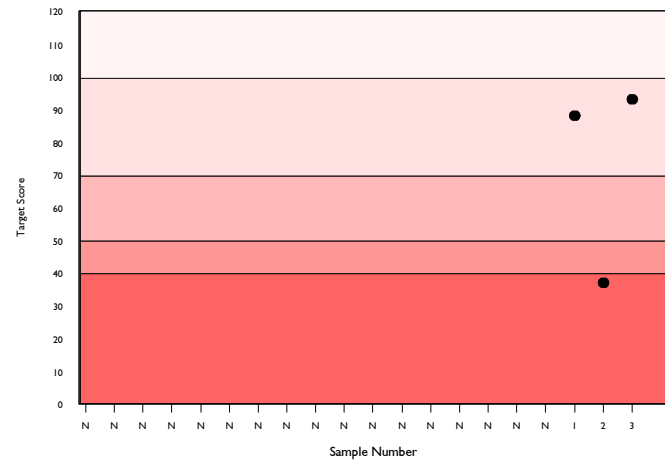
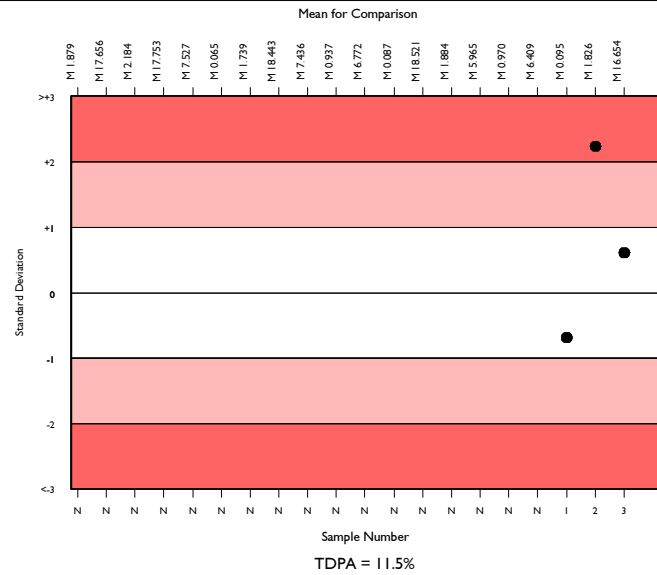
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	3000	18.236	9.7	0.04	1.27	364
Abbott Architect	343	16.654	5.0	0.06	1.16	28

▲ Your Result	17.360	SDI	0.61
		RMSDI	Too Few
■ Mean for Comparison	16.654	TS	93
		RMTS	Too Few
		%DEV	4.2
		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	521	19.037	3.1	0.03
Roche Cobas 4000/e411	394	19.117	4.3	0.05
Abbott Architect	343	16.654	5.0	0.06
Roche Cobas e402/e801	286	17.668	3.7	0.05
Abbott Alinity i	255	16.219	3.4	0.04
Beckman DXI600/800/ Access 2 (3rd IS)	247	17.789	5.0	0.07
Siemens Atellica IM	127	20.232	4.6	0.10
SNIBE Maglumi analysers	88	13.312	5.3	0.09
Access/LXi725 hyper TSH 3rd gen	74	18.114	5.9	0.16
Ortho Vitros 3600/5600/ECi/XT 7600	74	23.477	12.4	0.42
Mindray CL 8000i/6000i/2000i/1200i/1000i	67	23.567	6.1	0.22
Tosoh AIA Series	61	22.537	10.6	0.38
Siemens Centaur XP TSH3-Ultra	57	20.541	4.1	0.14
Siemens Centaur XP/XPT	53	20.810	6.1	0.22
bioMerieux, VIDAS, TSH	43	15.125	5.7	0.16
Roche Elecsys	37	19.039	4.2	0.16
Ortho Vitros TSH3	36	21.072	6.2	0.27
Beckman Dxl 600/800 1st generation	33	17.483	5.0	0.19
DiaSorin Liaison XL	30	32.761	4.6	0.34
Siemens/DPC Immulite 2000/2500	29	17.431	6.0	0.24
Beckman Dxl 600/800 Hyper TSH	22	17.568	4.3	0.20









Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ACTH	255.423	87.500	<u>-2.47</u>	Too Few	-65.7	Too Few	N/A	N/A	
AFP	192.661	188.390	-0.27	Too Few	-2.2	Too Few	120	Too Few	
Beta-2-Microglobulin	5.700	5.850	0.29	Too Few	2.6	Too Few	120	Too Few	
CA 125	244.750	263.500	0.93	Too Few	7.7	Too Few	75	Too Few	
CA 15-3	83.944	92.000	1.00	Too Few	9.6	Too Few	72	Too Few	
CA 19-9	249.641	243.880	-0.22	Too Few	-2.3	Too Few	120	Too Few	
Carbamazepine	17.153	15.180	-1.38	Too Few	-11.5	Too Few	58	Too Few	
CEA	69.631	68.560	-0.23	Too Few	-1.5	Too Few	120	Too Few	
Cortisol	33.424	33.100	-0.12	Too Few	-1.0	Too Few	120	Too Few	
DHEA-S	753.544	738.000	-0.25	Too Few	-2.1	Too Few	120	Too Few	
Digoxin	3.742	3.540	-0.57	Too Few	-5.4	Too Few	96	Too Few	
Ferritin	326.527	347.820	0.76	Too Few	6.5	Too Few	83	Too Few	
Folate	7.123	7.300	0.18	Too Few	2.5	Too Few	120	Too Few	
FSH	68.577	70.700	0.45	Too Few	3.1	Too Few	107	Too Few	
hCG	439.108	453.440	0.43	Too Few	3.3	Too Few	108	Too Few	
IgE	443.547	473.900	0.82	Too Few	6.8	Too Few	80	Too Few	
Insulin	22.752	22.700	-0.02	Too Few	-0.2	Too Few	120	Too Few	
LH	48.248	45.320	-0.84	Too Few	-6.1	Too Few	79	Too Few	
Oestradiol	807.688	861.800	0.83	Too Few	6.7	Too Few	79	Too Few	
17-OH-Progesterone	11.495	10.880	-0.28	Too Few	-5.3	Too Few	120	Too Few	
Phenobarbital	29.369	33.740	1.76	Too Few	<u>14.9</u>	Too Few	<u>47</u>	Too Few	
Progesterone	39.589	38.260	-0.35	Too Few	-3.4	Too Few	117	Too Few	
Prolactin	51.734	40.960	<u>-2.88</u>	Too Few	<u>-20.8</u>	Too Few	<b>26</b>	Too Few	▲
PSA, Free	20.503	19.100	-0.92	Too Few	-6.8	Too Few	75	Too Few	
PSA, Total	15.694	16.010	0.27	Too Few	2.0	Too Few	120	Too Few	
Parathyroid hormone	1399.459	1319.000	-0.53	Too Few	-5.7	Too Few	100	Too Few	
Free T3	15.864	14.660	-1.07	Too Few	-7.6	Too Few	69	Too Few	
Free T4	3.928	4.230	1.08	Too Few	7.7	Too Few	68	Too Few	
Free Testosterone (Pilot)	37.823	29.750	<u>-4.28</u>	Too Few	-21.3	Too Few	N/A	N/A	
Testosterone	8.150	7.090	-1.46	Too Few	-13.0	Too Few	55	Too Few	
Thyroglobulin	60.908	66.700	0.94	Too Few	9.5	Too Few	74	Too Few	
TSH	16.654	17.360	0.61	Too Few	4.2	Too Few	93	Too Few	
Valproic acid	130.199	143.710	1.46	Too Few	10.4	Too Few	55	Too Few	
Vitamin B12	898.738	892.000	-0.07	Too Few	-0.7	Too Few	120	Too Few	
25-OH-Vitamin D	42.381	43.500	0.19	Too Few	2.6	Too Few	120	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A