

* PRL not acceptable. Attached CA LJ graphs
were acceptable for month of September 2020. ~~the~~ graphs
within limits. Random error. → monitor next sample 10
* All other results acceptable



MONTHLY IMMUNOASSAY

CYCLE 18 SAMPLE 9

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: 01/10/2020

CEA, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1949	49.685	13.7	0.19	3.41	133
Beckman Access/LXi725	53	47.762	7.4	0.61	3.28	3

All Methods

Beckman Access/LXi725

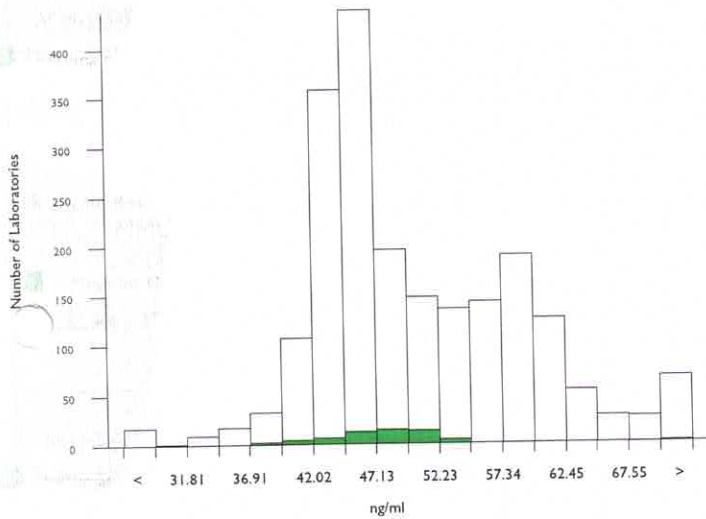
▲ Your Result	50.000	SDI	0.68
		RMSDI	Too Few
■ Mean for Comparison	47.762	TS	88
		RMTS	Too Few
		%DEV	4.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation

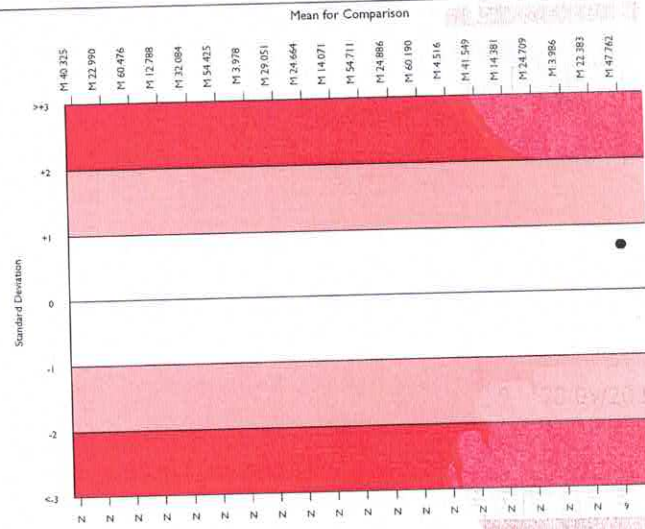
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Acceptable limits of performance for RIQAS

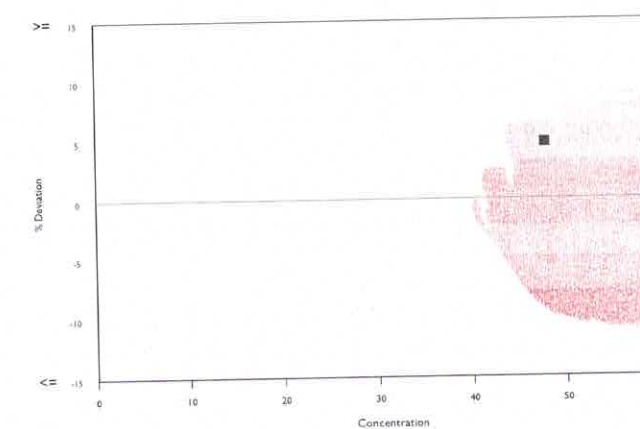
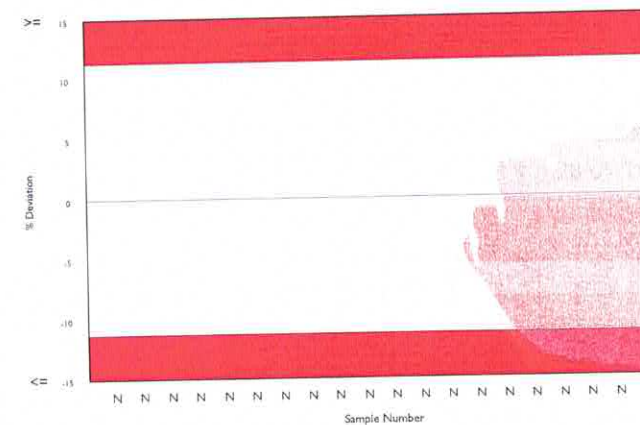
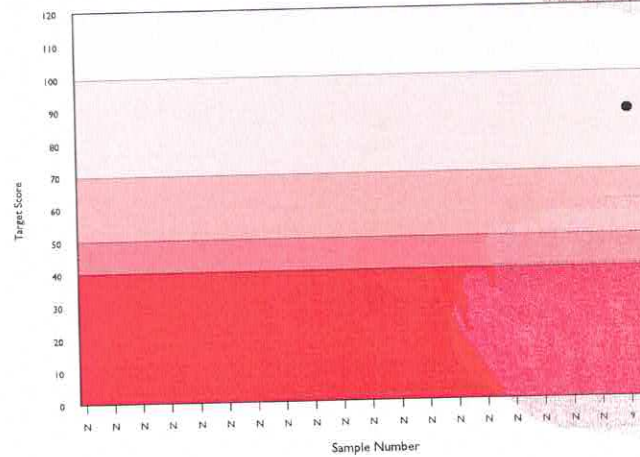
11.30%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	375	44.578	3.3	0.10
Abbott Architect	322	59.254	4.2	0.17
Roche Cobas 4000/e411	222	45.775	6.0	0.23
Beckman Dxl 600/800	198	45.238	6.4	0.26
Siemens Centaur XP/XPT/Classic	133	52.775	4.9	0.28
Roche Cobas e801	112	44.179	3.5	0.18
Abbott Alinity i	83	58.719	4.0	0.32
bioMerieux, VIDAS	53	53.322	7.1	0.65
Beckman Access/LXi725	53	47.762	7.4	0.61
Siemens Atellica IM	48	51.614	4.0	0.37
Siemens/DPC Immulite 2000/2500	41	68.943	7.2	0.97
Ortho Vitros 3600/5600/ECI/XT 7600	39	56.349	4.8	0.54
Tosoh AIA Series	30	71.105	5.7	0.92
Roche Elecsys	31	44.345	5.3	0.53
DiaSorin Liaison XL	25	48.499	6.8	0.83
SNIBE Maglum analysers	23	42.656	6.9	0.76
Siemens Centaur CP	21	54.023	5.4	0.80
CIS, RIA Coated tube	18	47.374	3.6	0.50
Mindray CL-Series	18	34.817	4.3	0.44
Siemens/DPC Immulite 1000	14	72.257	8.1	1.95
Fujirebio Lumipulse G Series	7	67.643	0.8	0.25



Sample Number
TDPA = 11.3%



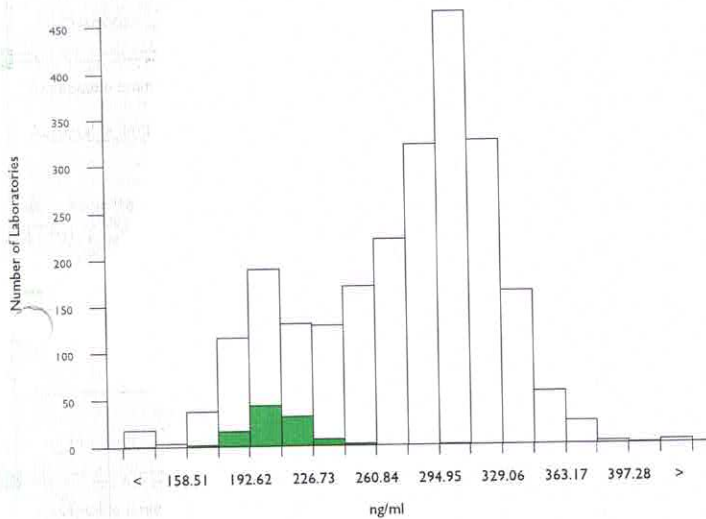
Ferritin, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2281	277.897	16.4	1.19	23.32	88
Beckman Access/LXi725	93	205.809	5.7	1.52	17.27	10

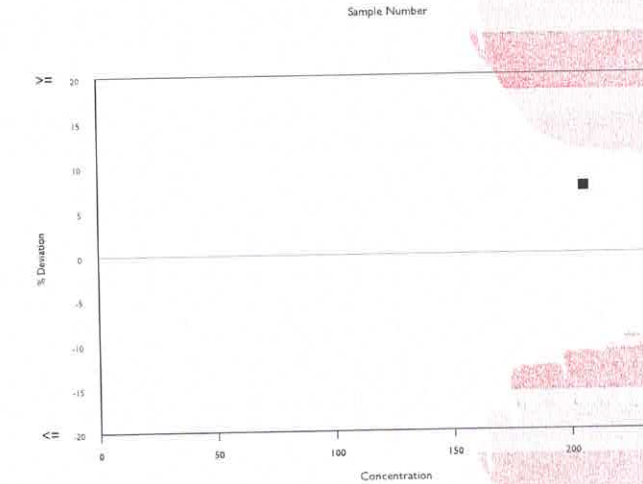
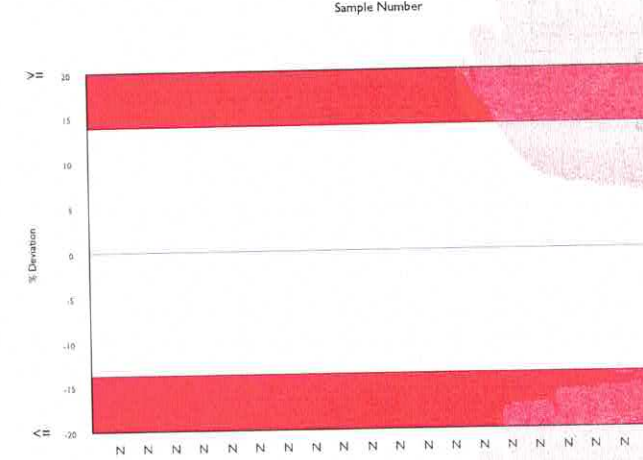
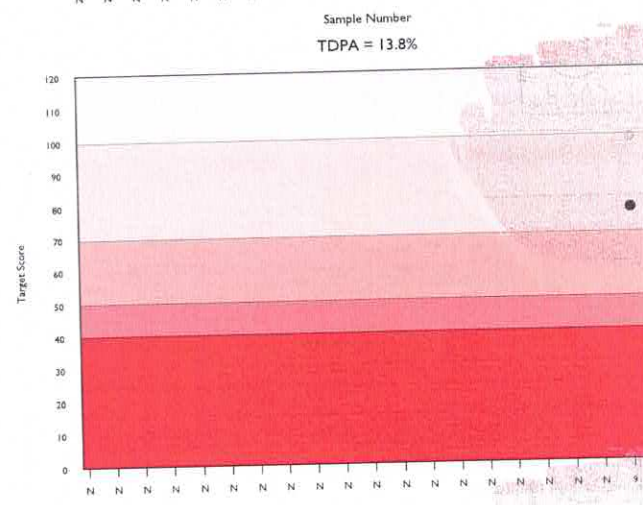
- All Methods
- Beckman Access/LXi725

▲ Your Result	221.100	SDI	0.89
		RMSDI	Too Few
■ Mean for Comparison	205.809	TS	77
		RMTS	Too Few
		%DEV	7.4
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Modular E170 /Cobas e601/602	369	297.228	4.1	0.79
Abbott Architect Chemilum	343	324.245	4.7	1.02
Roche Elecsys / Cobas e411	294	301.546	6.8	1.48
Beckman Dxl 600/800	219	201.128	6.3	1.06
Siemens Centaur XP/XPT/Classic	165	259.828	5.2	1.31
Roche Cobas e801	118	297.908	3.7	1.27
Beckman Access/LXi725	93	205.809	5.7	1.52
Abbott Alinity i	89	325.341	4.5	1.93
Siemens Atellica IM	57	250.028	5.3	2.20
Ortho Vitros 3600/5600/ECi/XT/7600	55	179.123	5.3	1.61
Roche Cobas C501/502/503/701	51	279.606	5.1	2.52
bioMerieux, VIDAS	43	238.026	12.2	5.56
Tosoh AIA Series	35	203.073	5.1	2.17
Siemens/DPC Immulite 2000/2500	31	256.877	4.2	2.41
SNIBE Maglumi analysers	29	340.254	10.4	8.24
Beckman AU Instruments	20	236.334	2.7	1.78
Siemens Dimension	23	259.441	6.9	4.70
Siemens Centaur CP	19	239.627	6.1	4.22
Roche Cobas 4000/c311	17	291.416	5.3	4.65
Mindray CL Series	18	283.094	7.1	5.91
Siemens/DPC Immulite 1000	13	227.562	9.4	7.41



FSH, mU/ml

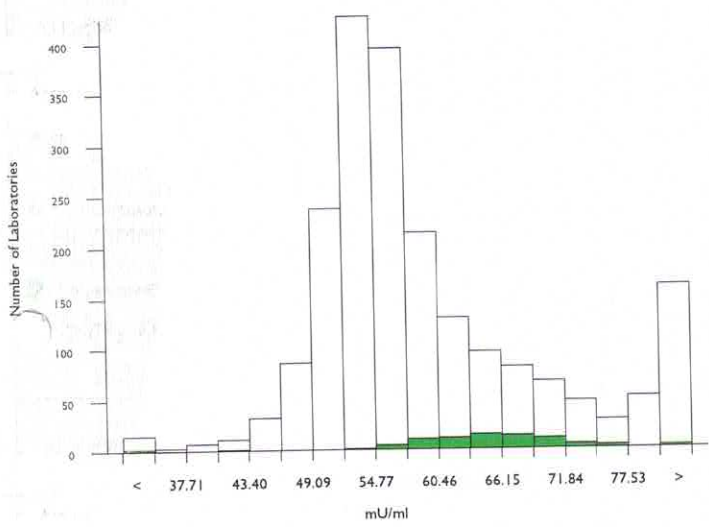
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1898	57.623	13.2	0.22	3.99	178
Beckman Access/LXI725	67	65.005	7.3	0.72	4.51	8

- All Methods
- Beckman Access/LXI725

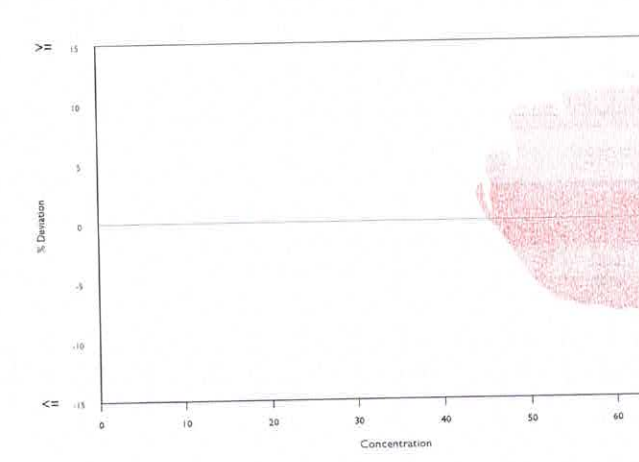
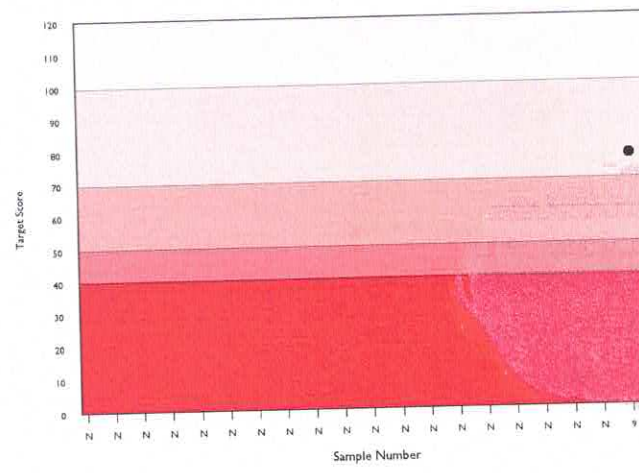
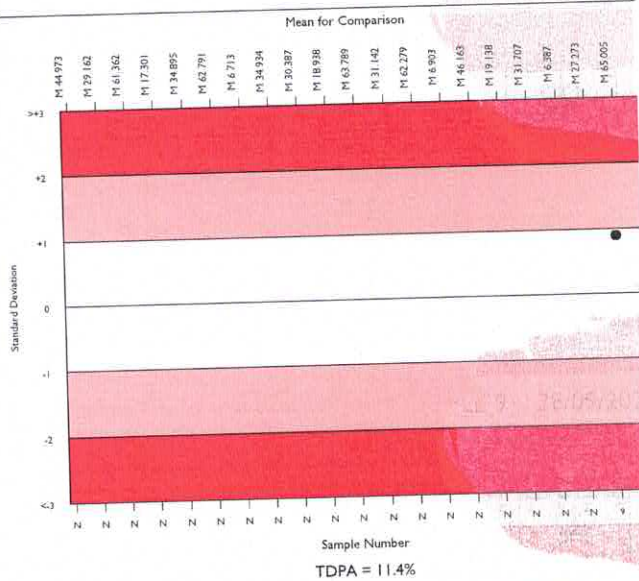
▲ Your Result	69.010	SDI	0.89
		RMSDI	Too Few
■ Mean for Comparison	65.005	TS	77
		RMTS	Too Few
		%DEV	6.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation: N/A

Acceptable limits of performance for RIQAS: 11.40%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	372	52.588	4.3	0.15
Abbott Architect	308	56.016	4.6	0.18
Roche Cobas 4000/e411	266	55.307	6.1	0.26
Beckman Dxl 600/800	187	65.494	7.0	0.42
Siemens Centaur XP/XPT/Classic	134	82.034	5.3	0.47
Roche Cobas e801	106	54.010	3.5	0.23
Beckman Access/LXI725	67	65.005	7.3	0.72
Abbott Alinity i	70	55.400	3.5	0.29
bioMerieux, VIDAS	64	66.844	10.3	1.07
Siemens/DPC Immulite 2000/2500	48	56.950	5.7	0.58
Ortho Vitros 3600/5600/ECI/XT/7600	41	46.263	5.0	0.45
Siemens Atellica IM	42	85.885	3.4	0.56
Roche Elecsys	36	52.599	7.2	0.79
SNIBE Maglumi analysers	34	64.388	6.2	0.86
Tosoh AIA Series	27	59.489	8.5	1.21
Mindray CL-Series	22	71.788	11.5	2.19
Siemens/DPC Immulite 1000	21	56.705	9.0	1.39
Siemens Centaur CP	13	73.901	7.8	2.01
DiaSorin Liaison XL	15	87.355	5.5	1.55
Fujirebio Lumipulse G Series	10	49.590	2.1	0.40
DiaSorin, Liaison	10	72.626	10.2	2.94

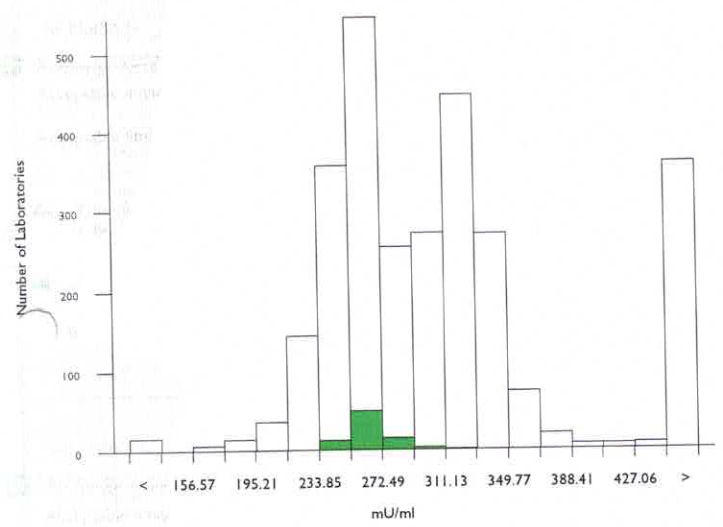


hCG, mU/ml

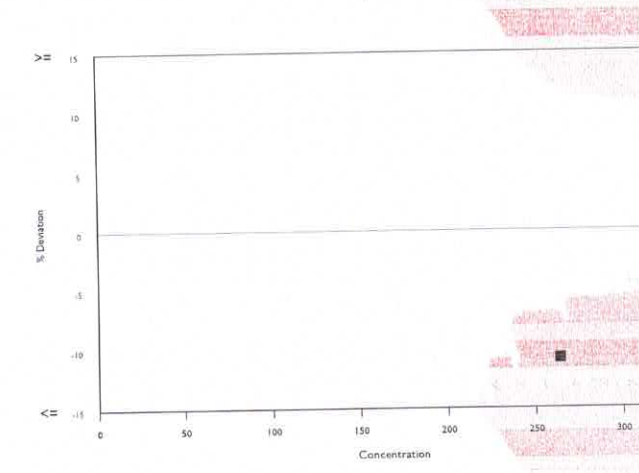
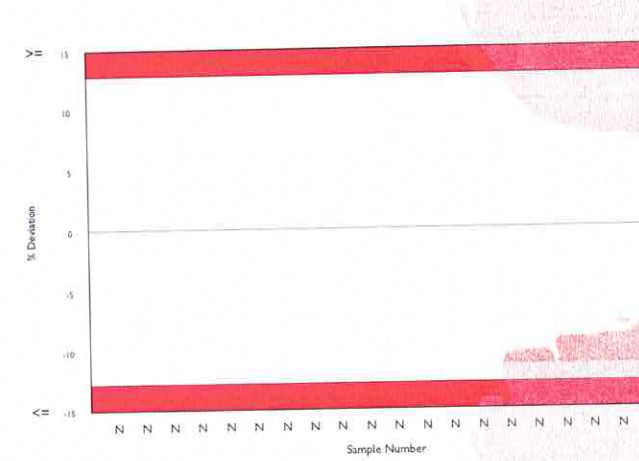
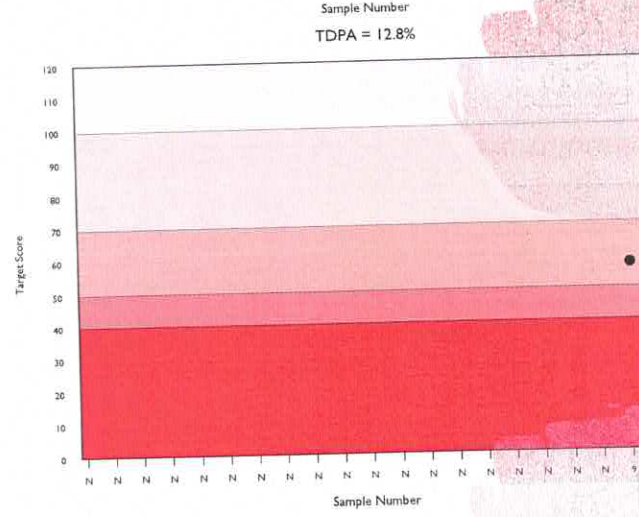
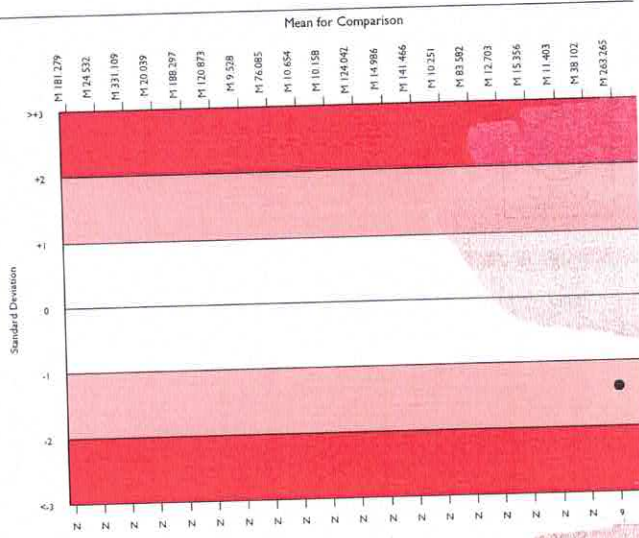
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2514	291.817	17.7	1.28	22.71	306
Beckman Access Total BhCG (5th IS)	73	263.265	3.8	1.47	20.49	7

▲ Your Result	234.730	SDI	-1.39
		RMSDI	Too Few
■ Mean for Comparison	263.265	TS	57
		RMTS	Too Few
		%DEV	-10.8
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	12.80%



Method	N	Mean	CV%	U _m
Roche hCG+Beta	906	322.653	5.2	0.70
Abbott Architect	424	259.490	4.6	0.73
Siemens Centaur XP/XPT/Classic	178	235.172	5.2	1.14
Beckman Dxl 600/800	137	270.107	4.4	1.28
Roche hCG + Beta e801	98	308.621	3.4	1.34
Abbott Alinity i	98	257.187	3.8	1.22
Beckman DXI Total BhCG (5th IS)	84	268.017	5.0	1.85
bioMerieux, VIDAS	76	532.087	8.7	6.66
Beckman Access Total BhCG (5th IS)	73	263.265	3.8	1.47
Ortho Vitros 3600/5600/ECI/XT 7600	65	512.060	4.8	3.79
Siemens Atellica IM	58	242.319	5.4	2.15
Siemens/DPC Immulite 2000	49	569.959	6.5	6.58
Beckman Access/LXi725	50	263.853	4.6	2.15
SNIBE Maglumi analysers	36	605.979	5.0	6.26
Siemens Centaur CP	36	229.325	6.4	3.04
Roche hCG STAT (Intact)	34	362.471	7.0	5.41
Tosoh AIA Series	29	503.212	6.5	7.61
Mindray CL Series	27	194.343	8.9	4.17
Siemens Dimension	28	493.577	3.4	3.94
Siemens/DPC Immulite 1000	23	579.261	8.8	13.24
DiaSorin Liaison XL	19	268.647	7.3	5.64



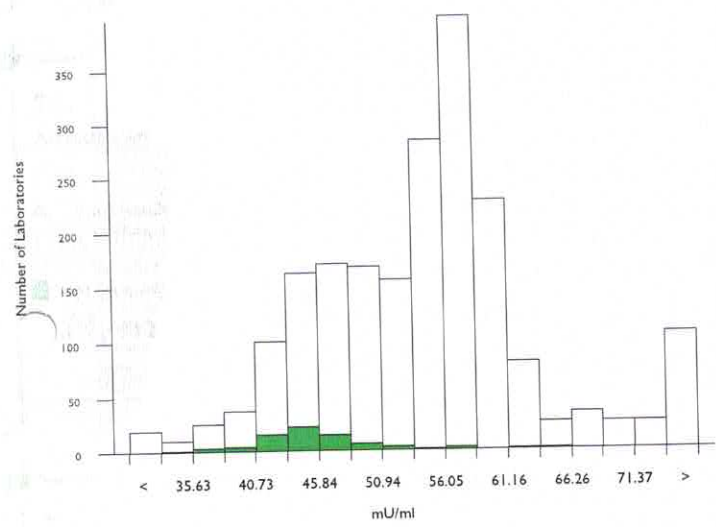
LH, mU/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1882	53.502	12.7	0.20	3.90	165
Beckman Access/LXi725	64	44.515	6.9	0.48	3.25	9

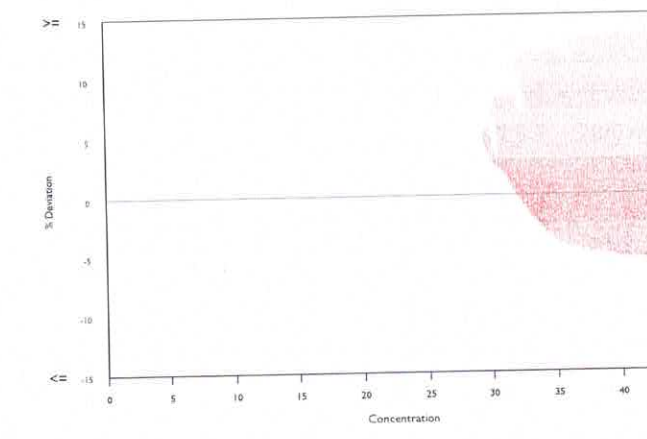
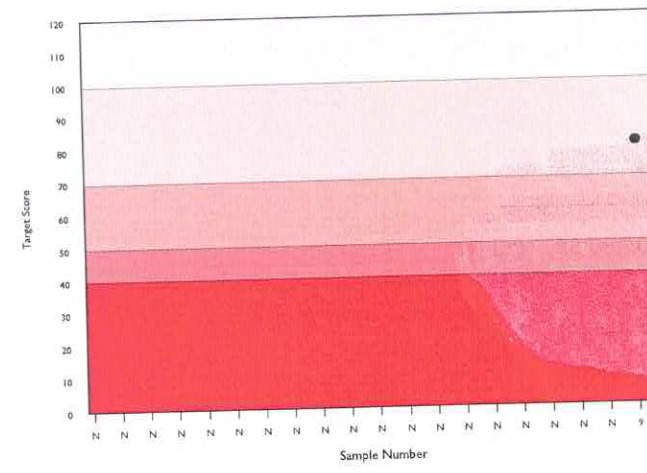
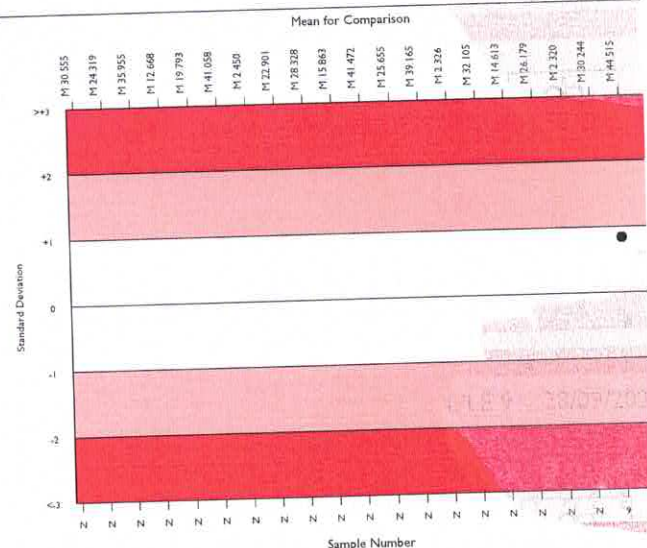
- All Methods
- Beckman Access/LXi725

▲ Your Result	47.210	SDI	0.83
		RMSDI	Too Few
■ Mean for Comparison	44.515	TS	80
		RMTS	Too Few
		%DEV	6.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	12.00%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	371	57.036	3.6	0.13
Abbott Architect	283	46.610	7.9	0.27
Roche Cobas 4000/e411	269	57.654	5.0	0.22
Beckman Dxl 600/800	174	44.065	6.7	0.28
Siemens Centaur XP/XPT/Classic	144	53.317	4.8	0.27
Roche Cobas e801	104	58.037	3.4	0.24
Abbott Alinity i	67	47.045	3.0	0.21
Beckman Access/LXi725	64	44.515	6.9	0.48
bioMerieux, VIDAS	65	59.301	5.6	0.51
Siemens/DPC Immulite 2000	53	84.619	7.8	1.14
Ortho Vitros 3600/5600/ECI/XT 7600	41	67.983	3.6	0.48
Siemens Atellica IM	41	54.950	3.1	0.33
Roche Elecsys	35	57.437	5.2	0.63
SNIBE Maglumi analysers	33	68.431	7.9	1.17
Tosoh AIA Series	30	50.324	7.3	0.84
Siemens/DPC Immulite 1000	19	89.744	8.5	2.19
Mindray CL-Series	16	62.223	11.1	2.16
DiaSorin Liaison XL	14	75.242	3.5	0.87
Siemens Centaur CP	14	52.360	3.7	0.65
DiaSorin, Liaison	9	76.634	7.0	2.23
Fujirebio Lumipulse G Series	9	56.579	2.2	0.52

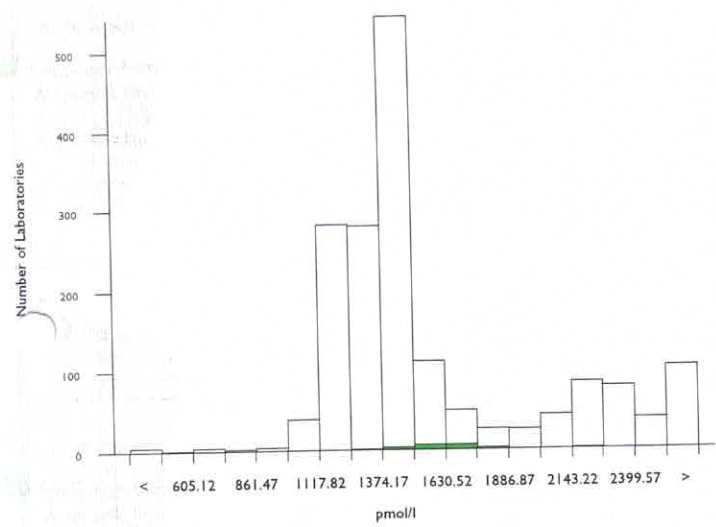


Oestradiol, pmol/l

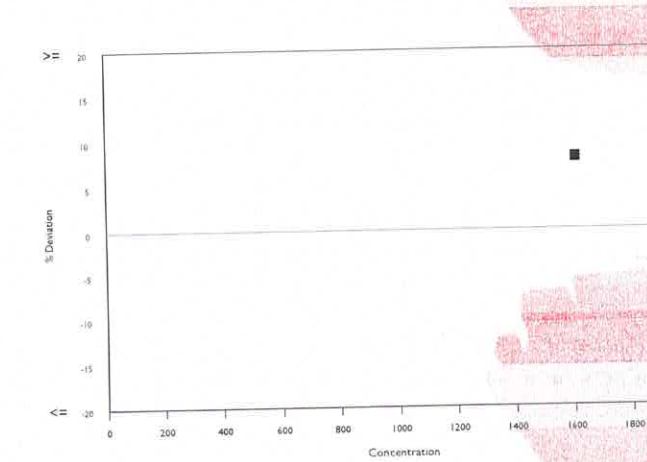
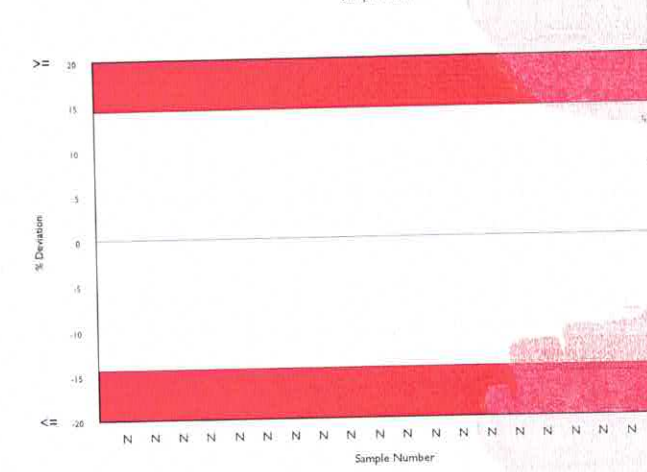
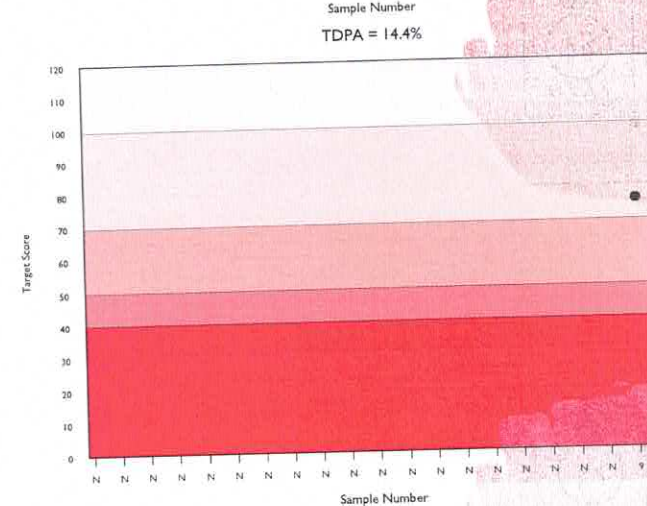
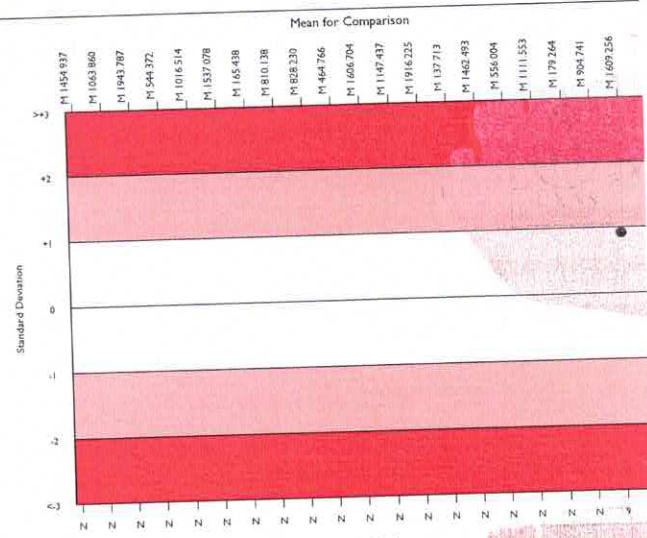
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1571	1502.347	22.8	10.78	131.52	136
Beckman Access/LXi725 Sensitive B84493	17	1609.256	6.1	29.59	140.88	2

▲ Your Result	1736.770	SDI	0.91
		RMSDI	Too Few
■ Mean for Comparison	1609.256	TS	76
		RMTS	Too Few
		%DEV	7.9
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	14.40%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602 (Estradiol III)	274	1409.233	3.2	3.42
Abbott Architect	239	1192.505	3.3	3.16
Roche Cobas 4000/e411 (Estradiol III)	136	1385.790	3.4	5.00
Beckman Dxl 600/800 Sensitive B84493	96	1509.482	5.3	10.19
Roche Cobas e801 (Estradiol III)	95	1419.667	2.7	4.85
Roche Cobas 4000/e411 (Estradiol II)	87	1377.251	4.8	8.77
Siemens Centaur XP/XPT/Classic (eE2)	75	2254.319	4.0	13.17
Roche Cobas e601/ 602 (Estradiol II)	70	1391.588	3.3	6.95
Abbott Alinity i	62	1155.805	3.9	7.23
bioMerieux, VIDAS	61	2633.618	5.0	21.02
Beckman Dxl 600/800	58	1708.167	13.5	37.72
Siemens Centaur XP/XPT/Classic	46	2255.589	6.0	24.79
Siemens Atellica IM	38	2384.518	5.3	25.72
Ortho Vitros 3600/5600/ECI/XT 7600	26	2238.313	5.4	29.85
Beckman Access/LXi725	22	1829.789	15.5	75.51
Roche Elecsys (Estradiol II)	21	1368.249	5.2	19.56
Siemens/DPC Immulite 2000/2500	23	2064.388	18.8	100.96
SNIBE Maglumi analysers	17	3168.233	2.5	24.43
Beckman Access/LXi725 Sensitive B84493	17	1609.256	6.1	29.59
Roche Elecsys (Estradiol III)	12	1388.135	2.4	12.19
Tosoh AIA Series (E2)	10	1717.450	8.7	58.99

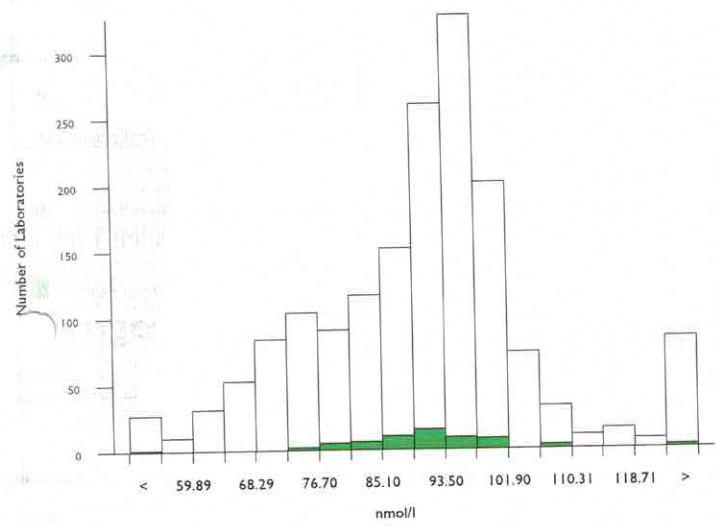


Progesterone, nmol/l

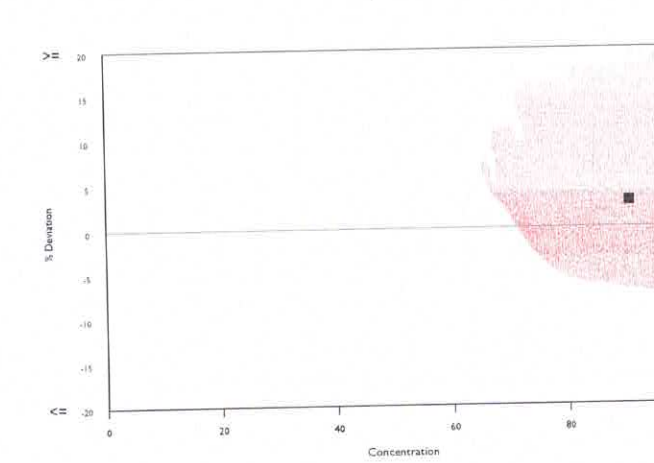
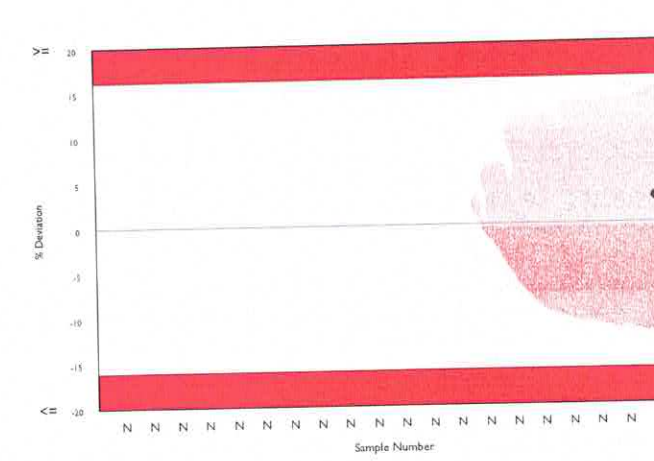
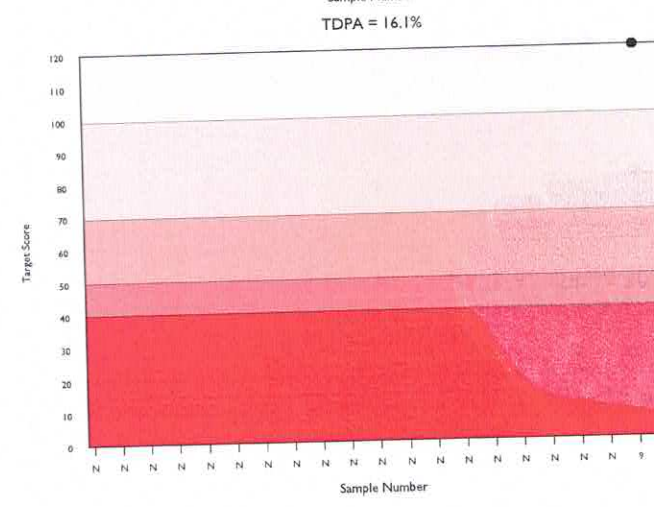
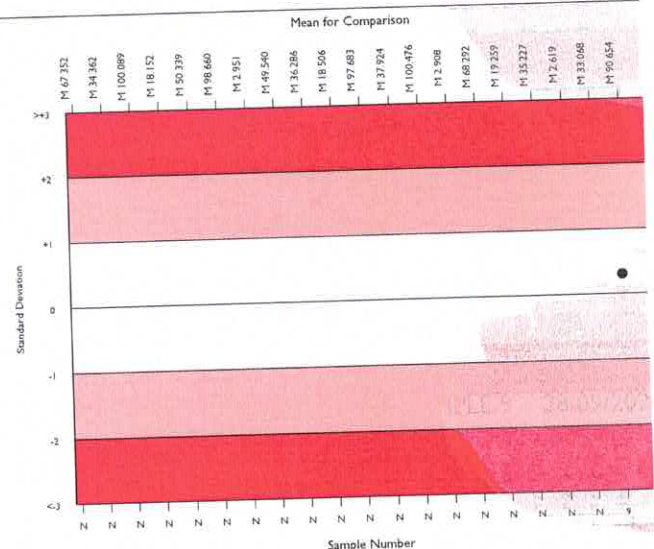
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1537	89.305	12.5	0.36	8.74	133
Beckman Access Prog. Cal 33555	55	90.654	7.7	1.18	8.87	6

▲ Your Result	93.250	SDI	0.29
		RMSDI	Too Few
■ Mean for Comparison	90.654	TS	120
		RMTS	Too Few
		%DEV	2.9
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602 (Prog. III)	232	96.546	3.8	0.30
Abbott Architect	225	84.144	7.8	0.54
Beckman DXI Prog. Cal 33555	113	90.514	7.2	0.77
Roche Cobas 4000/e411 (Prog. II)	105	94.987	4.8	0.55
Roche Cobas e601/ 602 (Prog. II)	102	94.883	4.1	0.48
Siemens Centaur XP/XPT/Classic	101	70.195	6.3	0.55
Roche Cobas 4000/e411 (Prog. III)	101	95.741	3.6	0.42
Roche Cobas e801 (Prog III)	87	96.186	2.8	0.36
bioMerieux, VIDAS	63	139.456	5.8	1.28
Abbott Alinity i	60	78.264	6.5	0.82
Beckman Access Prog. Cal 33555	55	90.654	7.7	1.18
Siemens/DPC Immulite 2000/2500	44	64.739	6.5	0.79
Siemens Atellica IM	31	73.941	3.2	0.53
Beckman DXI Prog.DE Cal. A80773	27	85.925	6.5	1.35
Tosoh AIA Series	25	108.628	9.5	2.59
Siemens/DPC Immulite 1000	23	76.380	11.1	2.21
Ortho Vitros 3600/5600/ECi/XT 7600	21	103.061	5.4	1.52
Roche Elecsys (Prog. II)	21	92.181	5.1	1.28
SNIBE Maglumi analysers	16	87.219	7.0	1.92
Mindray CL-Series	10	106.997	23.2	9.83
Roche Elecsys (Prog. III)	8	97.768	4.2	1.79



Prolactin, uU/ml

- All Methods
- Beckman Access/LXi725

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1765	914.232	9.6	2.61	96.16	265
Beckman Access/LXi725	63	813.821	5.7	7.36	85.60	16

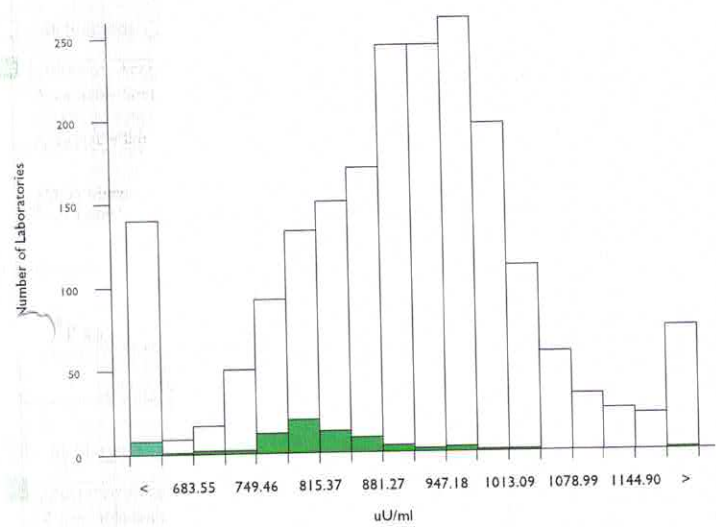
▲ Your Result	37.300	SDI	-9.07
		RMSDI	Too Few
■ Mean for Comparison	813.821	TS	10
		RMTS	Too Few
		%DEV	-95.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation: N/A

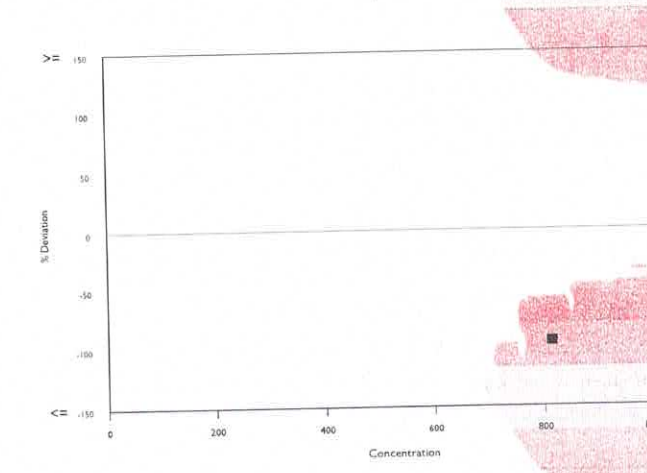
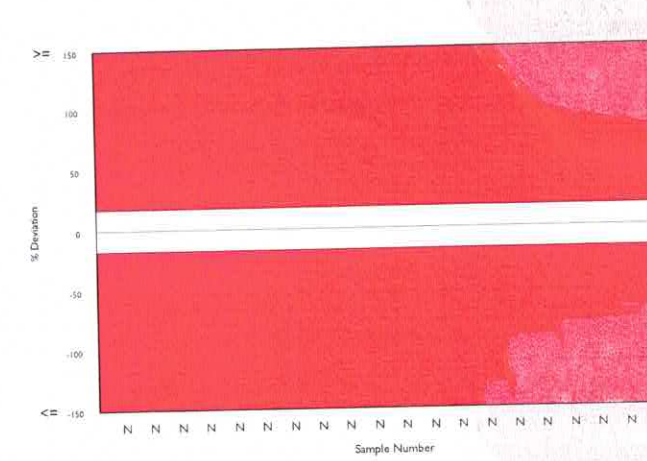
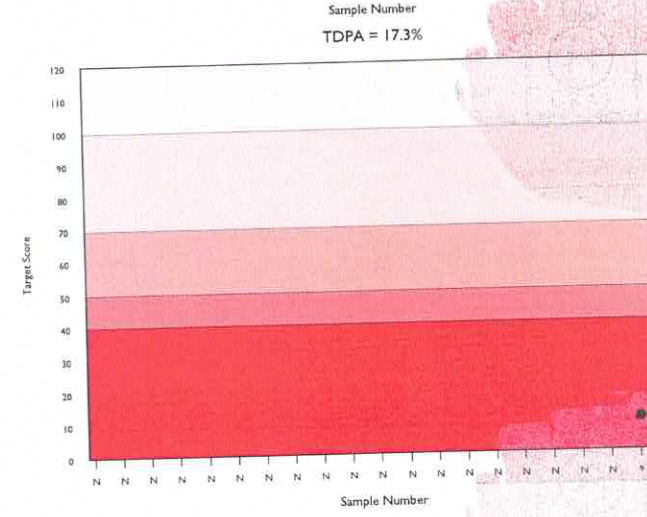
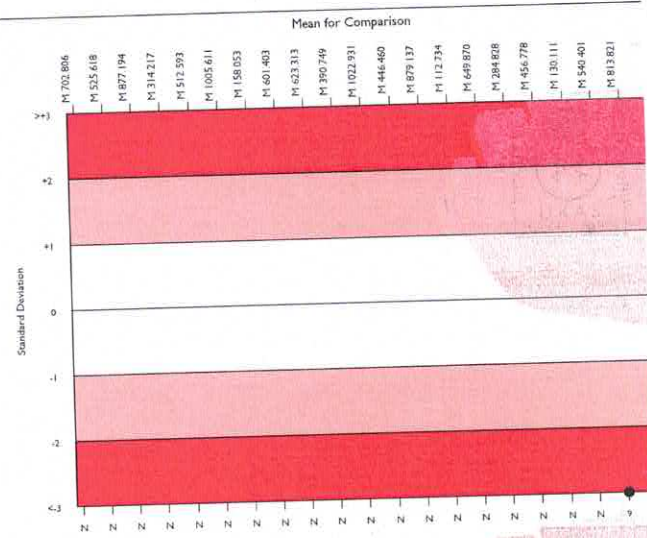
Acceptable limits of performance for RIQAS: 17.30%

SDI in bottom 5% of peer group

TS & %DEV outside limits



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	310	928.450	4.0	2.65
Abbott Architect	267	980.171	5.2	3.89
Roche Cobas 4000/e411	262	969.521	5.2	3.89
Beckman Dxl 600/800	158	789.079	6.2	4.84
Siemens Centaur XP/XPT/Classic	130	832.369	5.3	4.87
Roche Cobas e801 PRL II	90	884.583	3.6	4.15
Beckman Access/LXi725	63	813.821	5.7	7.36
Abbott Alinity i	44	995.147	5.3	8.37
bioMerieux, VIDAS	44	1146.002	8.7	18.81
Ortho Vitros 3600/5600/ECI/XT 7600	45	802.518	5.4	8.06
Roche Elecsys/E170/Cobas e601/ 602 PRLII	37	931.575	3.8	7.23
Siemens/DPC Immulite 2000/2500	38	787.246	7.0	11.18
Siemens Atellica IM	37	840.287	5.8	9.98
SNIBE Maglumi analysers	36	915.194	7.0	13.31
Roche Elecsys	29	935.839	6.3	13.74
Tosoh AIA Series	25	927.786	12.9	29.85
Mindray CL-Series	18	1027.136	9.9	30.03
Siemens/DPC Immulite 1000	19	863.080	8.9	22.10
Siemens Centaur CP	11	835.638	9.2	29.05
DiaSorin Liaison XL	11	1053.780	3.0	11.96
Fujirebio Lumipulse G Series	10	1177.905	3.0	14.15



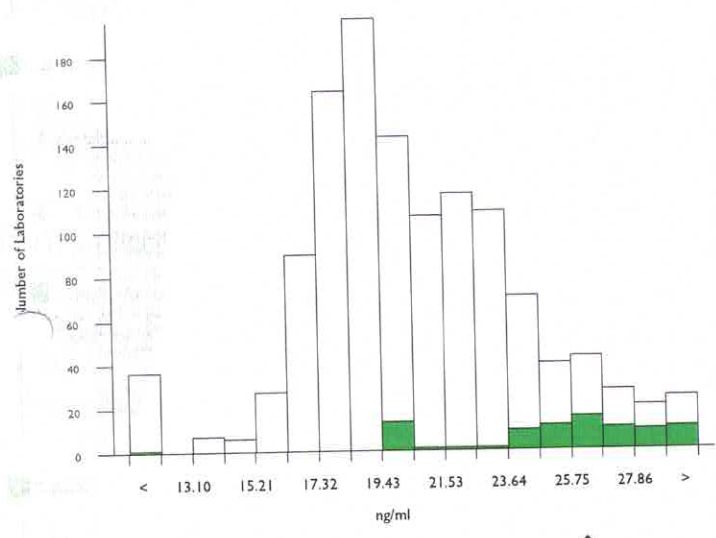
PSA, Free, ng/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1125	20.484	13.7	0.10	1.53	164
Beckman DXI standardised to Hybritech	77	25.328	12.1	0.43	1.89	41

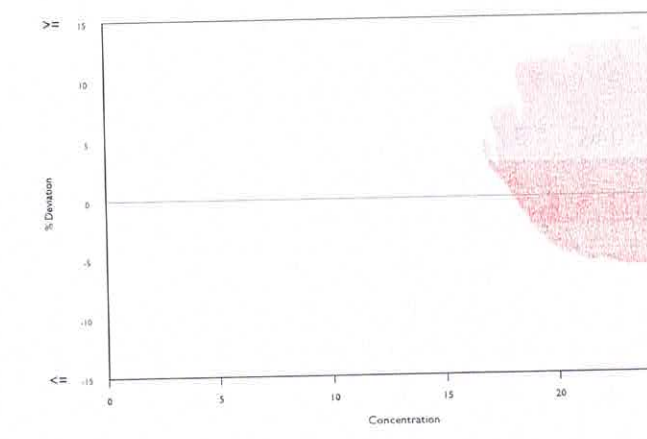
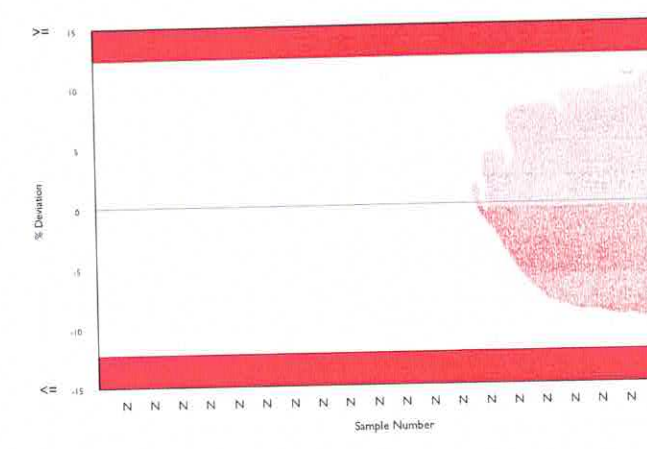
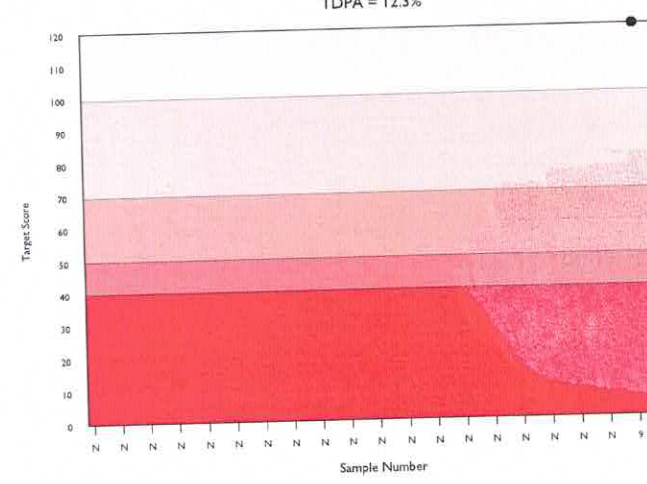
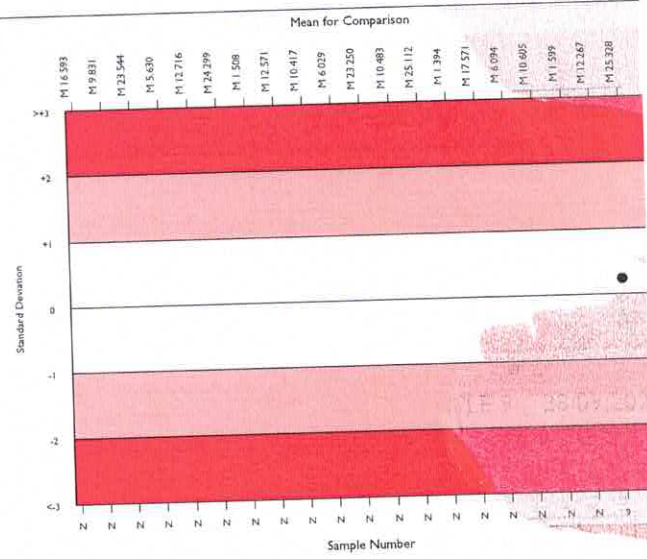
- All Methods
- Beckman DXI standardised to Hybritech

▲ Your Result	25.760	SDI	0.23
		RMSDI	Too Few
■ Mean for Comparison	25.328	TS	120
		RMTS	Too Few
		%DEV	1.7
		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 _m
Roche Cobas e601/602	249	18.800	4.7	0.07
Abbott Architect	221	23.011	8.1	0.16
Roche Cobas 4000/e411	111	18.518	6.6	0.14
Beckman DXI standardised to Hybritech	77	25.328	12.1	0.43
Siemens Centaur XP/XPT/Classic	99	21.913	5.3	0.14
Roche Cobas e801	81	17.994	3.5	0.09
Abbott Alinity i	53	22.860	5.7	0.22
Beckman Access standardised to Hybritech	26	24.419	16.3	0.98
Siemens/DPC Immulite 2000/2500	27	19.817	6.6	0.31
Siemens Atellica IM	29	22.765	4.9	0.26
BioMerieux VIDAS	10	26.688	6.5	0.68
Roche Elecsys	20	18.644	7.4	0.39
SNIBE Maglumi analysers	17	17.283	6.1	0.32
Mindray CL Series	13	22.403	6.8	0.53
Tosoh AIA Series	13	16.369	11.0	0.62
DiaSorin Liaison XL	10	8.604	4.0	0.14
Siemens/DPC Immulite 1000	9	18.656	10.8	0.84
Ortho Vitros 3600/5600/ECi PSA II/XT7600	9	15.744	5.9	0.39
Fujirebio Lumipulse G Series	8	16.538	2.1	0.16
DiaSorin, Liaison	7	8.967	4.2	0.18
Siemens/Dade Dimension Vista	7	18.224	3.3	0.29

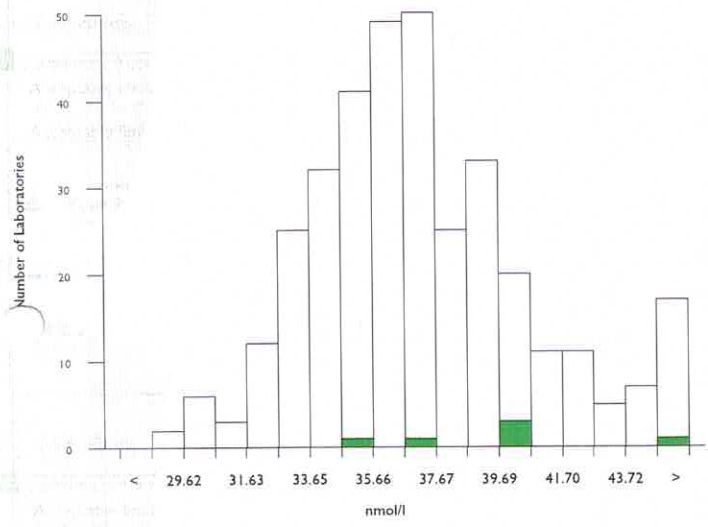


Sex Hormone Binding Globulin, nmol/l

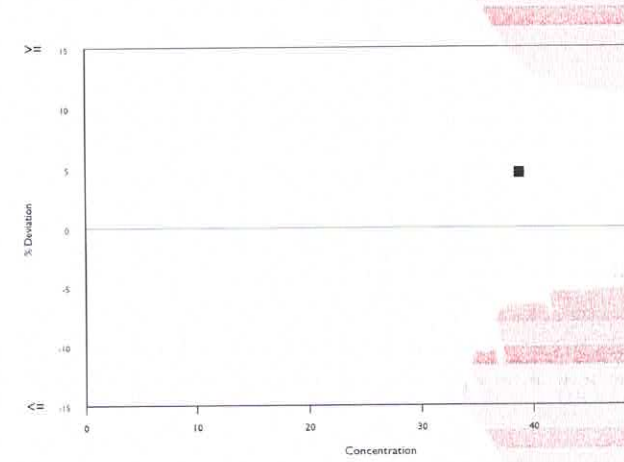
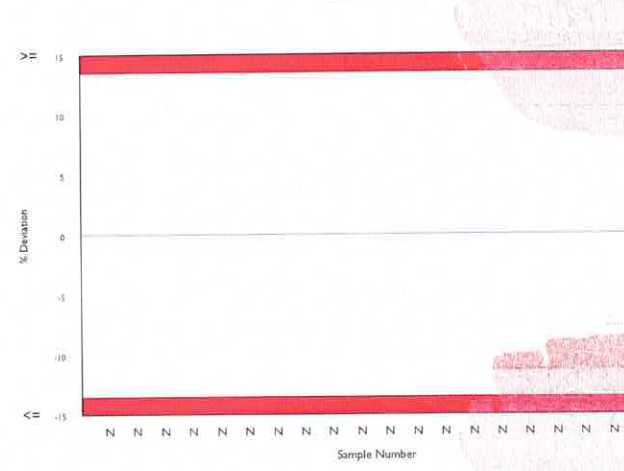
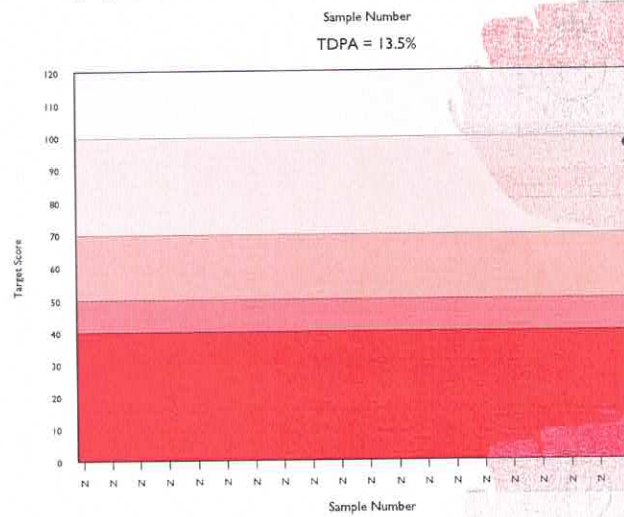
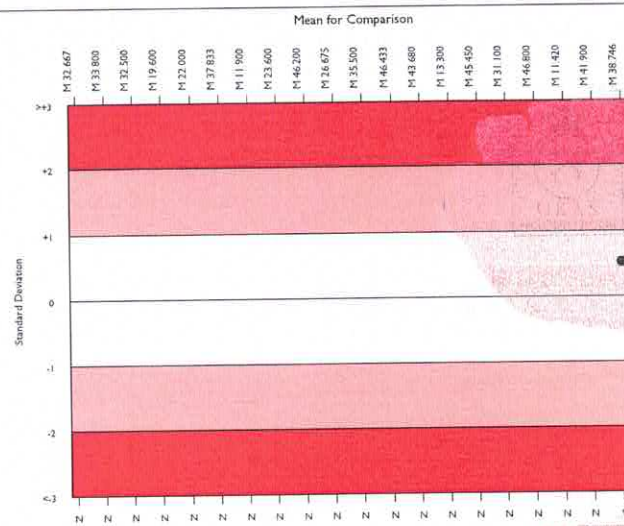
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	319	36.672	7.3	0.19	3.01	30
Beckman Access	5	38.746	5.9	1.27	3.42a	1

▲ Your Result	40.530	SDI	0.52
		RMSDI	Too Few
■ Mean for Comparison	38.746	TS	97
		RMST	Too Few
		%DEV	4.6
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche analysers - 413417/15	100	36.400	5.8	0.26
Abbott Architect	39	36.527	6.2	0.45
Siemens/DPC Immulite 2000/2500	36	38.878	5.5	0.45
Beckman DXI 600/800	36	37.327	7.7	0.60
Roche e801 - 413429	34	34.464	3.0	0.22
Abbott Alinity i	14	34.554	4.4	0.50
Siemens Centaur (Ref 10997191)	11	37.285	3.8	0.54
SNIBE Maglumi Analysers	10	44.997	2.2	0.40
Siemens Atellica IM	5	35.764	2.5	0.50
Beckman Access	5	38.746	5.9	1.27
Tosoh AIA-CL Series	5	37.052	6.8	1.40
Siemens/DPC Immulite 1000	4	37.475	16.4	3.84
Diasorin Liaison XL	4	46.850	9.9	2.89
Siemens Centaur (Ref 06520781)	3	36.530	3.9	1.03
ELISA	3	39.780	12.7	3.64
Siemens Centaur CP	2	33.370	12.7	3.75

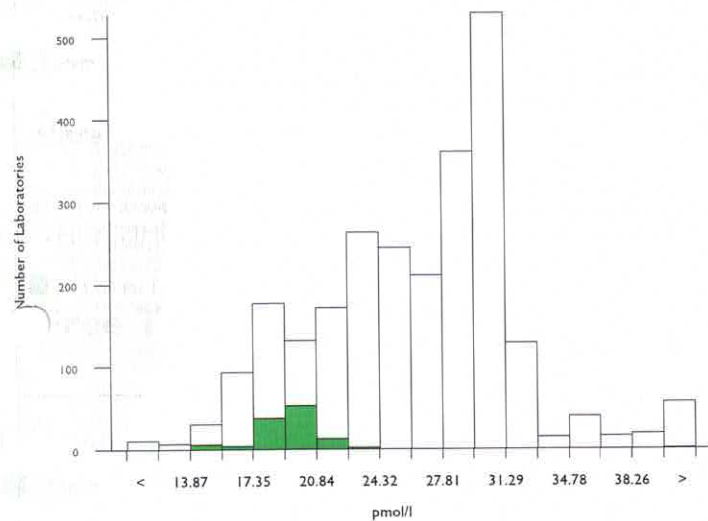


Free T3, pmol/l

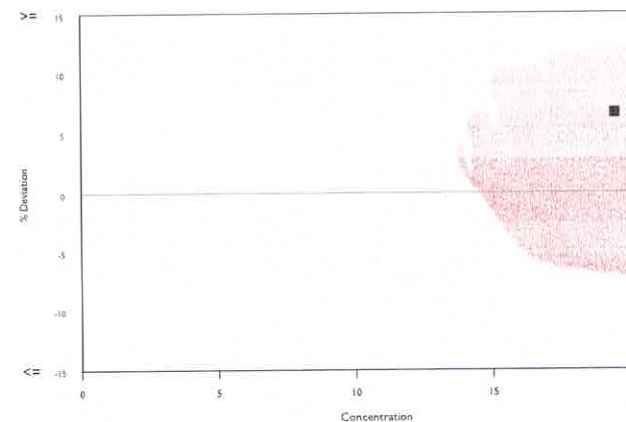
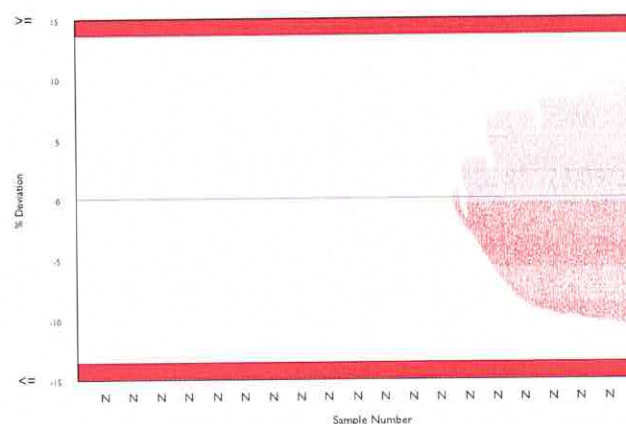
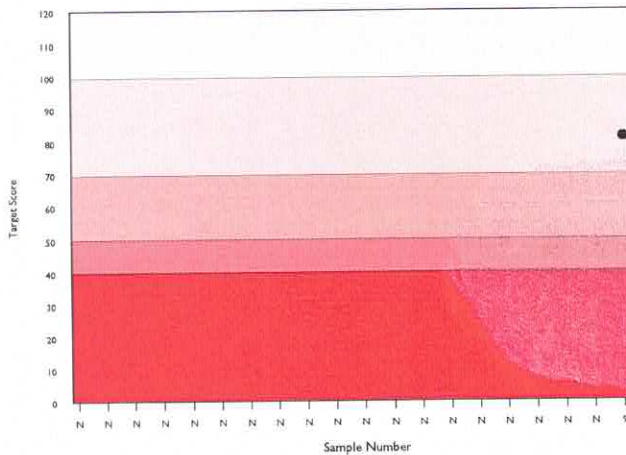
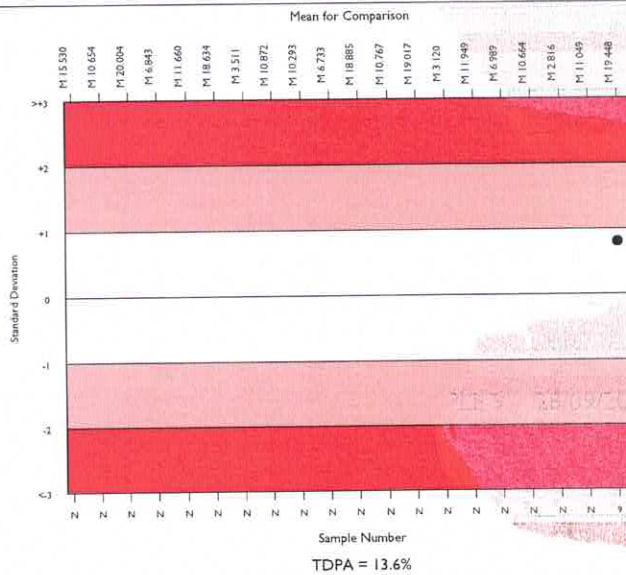
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2360	26.069	17.8	0.12	2.16	182
Beckman Access/LXi725	108	19.448	6.3	0.15	1.61	9

▲ Your Result	20.730	SDI	0.80
		RMSDI	Too Few
■ Mean for Comparison	19.448	TS	81
		RMTS	Too Few
		%DEV	6.6
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	455	30.354	3.0	0.05
Roche Cobas 4000/e411	305	29.095	4.5	0.09
Beckman Dxl 600/800	236	18.269	6.9	0.10
Abbott Architect, 2 point cal	219	25.146	7.3	0.16
Siemens Centaur XP/XT/Classic	201	23.138	5.5	0.11
Abbott Architect, 6 point cal	139	25.678	7.5	0.21
Roche Cobas e801	118	29.957	2.6	0.09
Beckman Access/LXi725	108	19.448	6.3	0.15
Abbott Alinity, 6 point cal	68	25.776	5.7	0.22
Ortho Vitros 3600/5600/ECi/XT/7600	27	34.972	0.8	0.07
Siemens Atellica IM	54	23.968	4.7	0.19
Roche Elecsys	52	29.391	4.4	0.23
BioMerieux VIDAS	48	23.606	6.8	0.29
Tosoh AIA Series	35	38.449	18.3	1.49
Siemens/DPC Immulite 2000/2500	32	16.466	8.4	0.31
SNIBE Maglumi analysers	31	35.938	13.3	1.07
Siemens Centaur CP	30	22.667	7.3	0.38
DiaSorin Liaison XL	22	40.405	6.9	0.74
Siemens/DPC Immulite 1000	23	16.475	7.7	0.33
Mindray CL-Series	19	22.477	5.1	0.33
Abbott Alinity, 2 point cal	21	25.976	9.9	0.70

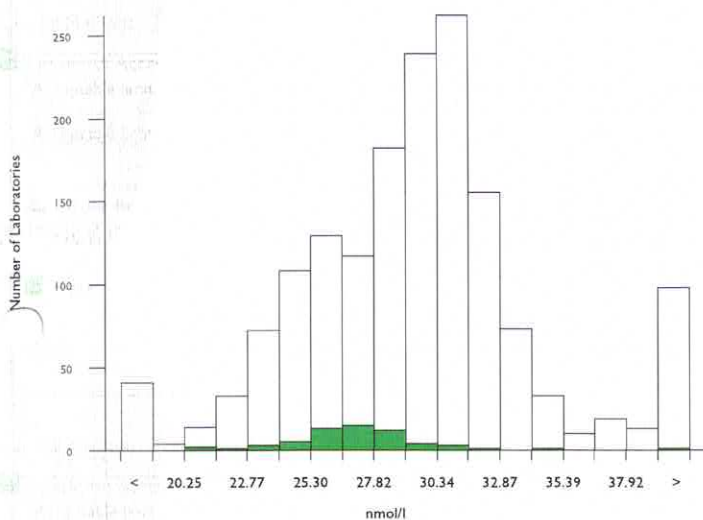


Testosterone, nmol/l

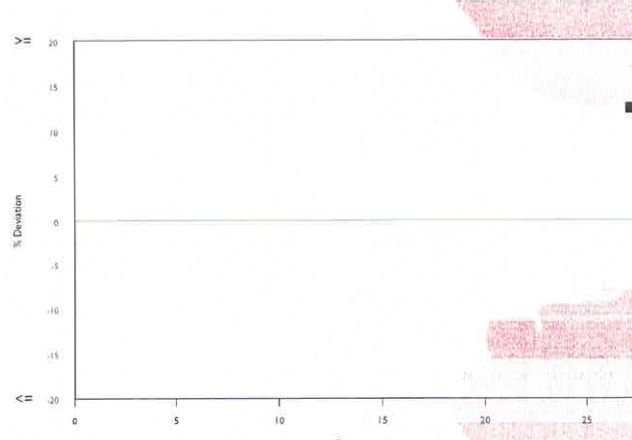
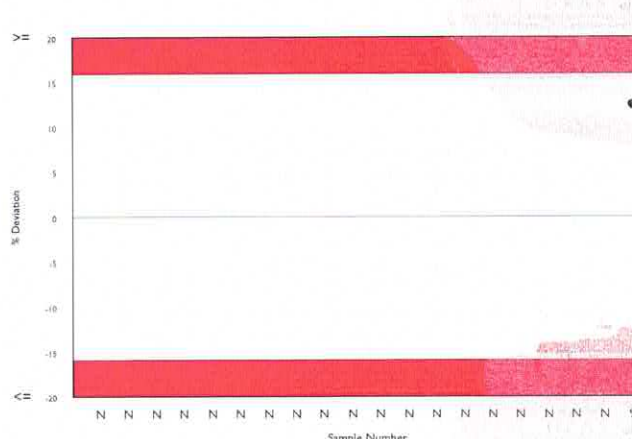
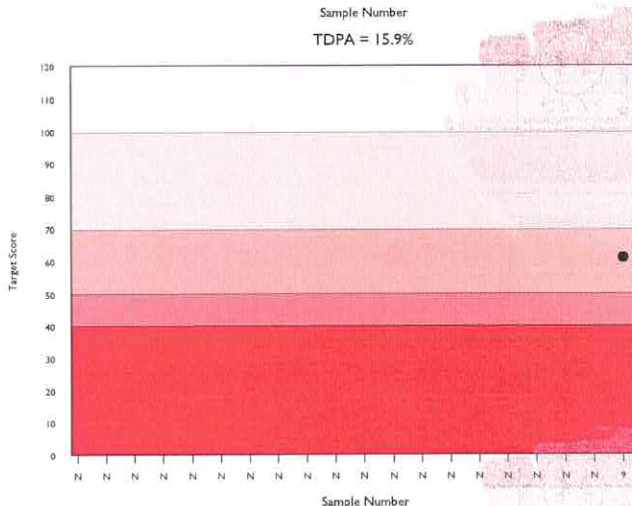
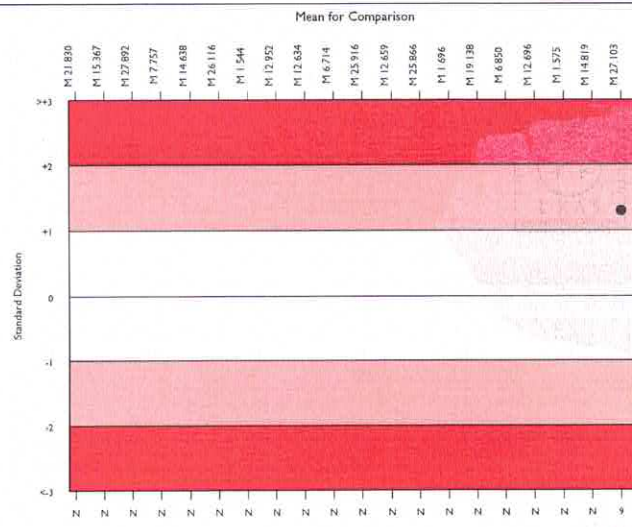
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1457	29.087	11.6	0.11	2.81	146
Beckman Access/LXi725	55	27.103	6.5	0.30	2.62	6

▲ Your Result	30.480	SDI	1.29
		RMSDI	Too Few
■ Mean for Comparison	27.103	TS	61
		RMTS	Too Few
		%DEV	12.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation: N/A
 Acceptable limits of performance for RIQAS: 15.90%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602 Test II	270	30.919	5.1	0.12
Roche Cobas 4000/e411 Test II	223	30.304	5.3	0.13
Abbott Architect	150	29.493	7.1	0.21
Beckman Dxl 600/800	148	25.104	4.8	0.12
Abbott Architect 2nd gen	75	30.095	5.1	0.22
Roche Cobas e801 Test II	67	29.761	3.9	0.18
Siemens Centaur XP/XPT/Classic TSTII	60	25.754	7.1	0.29
Abbott Alinity i	57	30.357	5.1	0.25
Beckman Access/LXi725	55	27.103	6.5	0.30
Siemens/DPC Immulite 2000/2500	49	36.575	8.3	0.54
Siemens Centaur XP/XPT/Classic TSTO	46	25.485	10.1	0.47
bioMerieux VIDAS Testosterone II	35	23.605	6.0	0.30
Roche Elecsys Test II	31	30.889	4.0	0.28
Siemens Atellica IM	30	25.218	5.4	0.31
Ortho Vitros 3600/5600/ECI/XT 7600	31	42.326	6.8	0.65
SNIBE Maglumi analysers	26	31.990	6.3	0.49
bioMerieux, VIDAS	21	23.287	7.4	0.47
Tosoh AIA Series	17	41.686	6.1	0.77
Siemens/DPC Immulite 1000	10	43.829	28.0	4.85
Mindray CL-Series	10	43.727	3.8	0.65
DiaSorin, Liaison	8	16.981	12.4	0.93

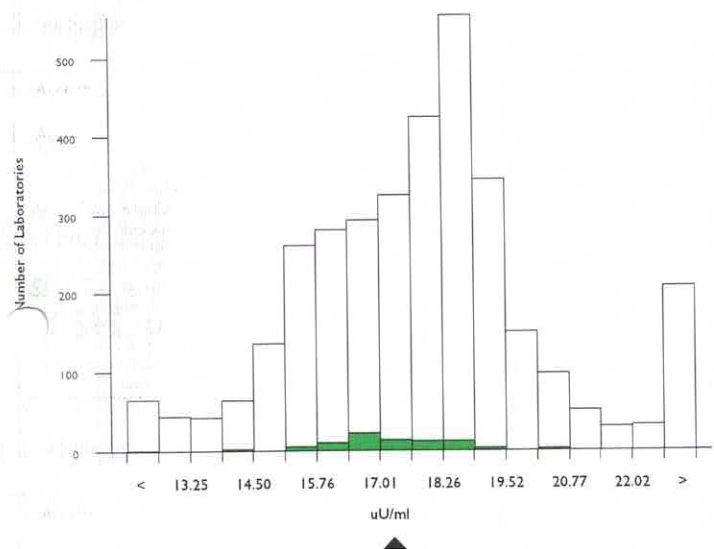


TSH, uU/ml

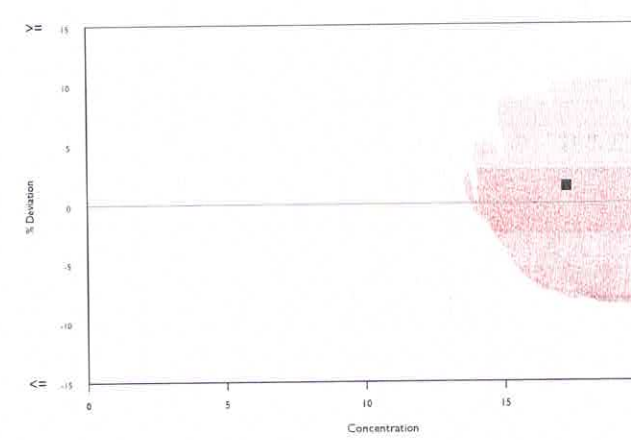
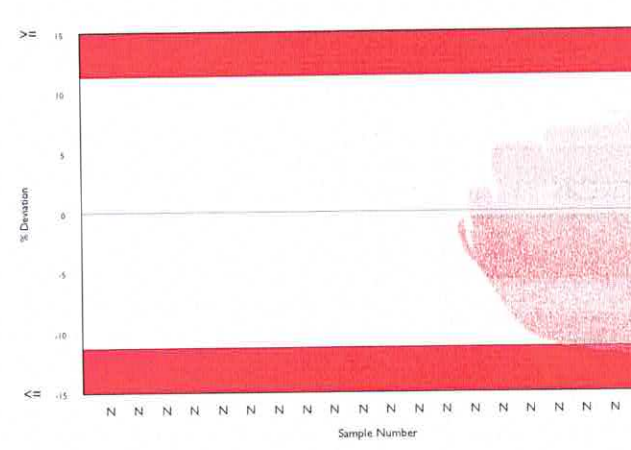
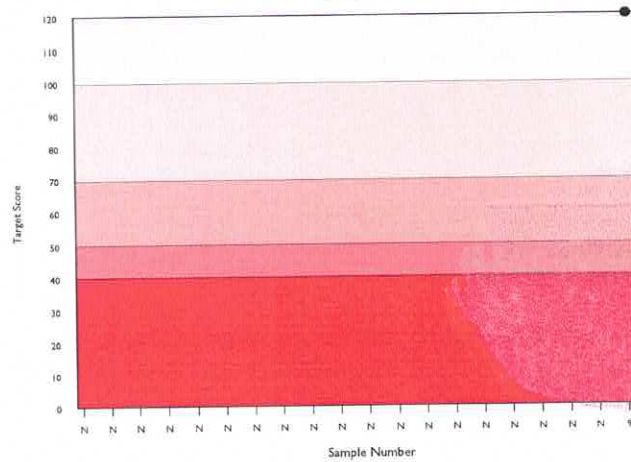
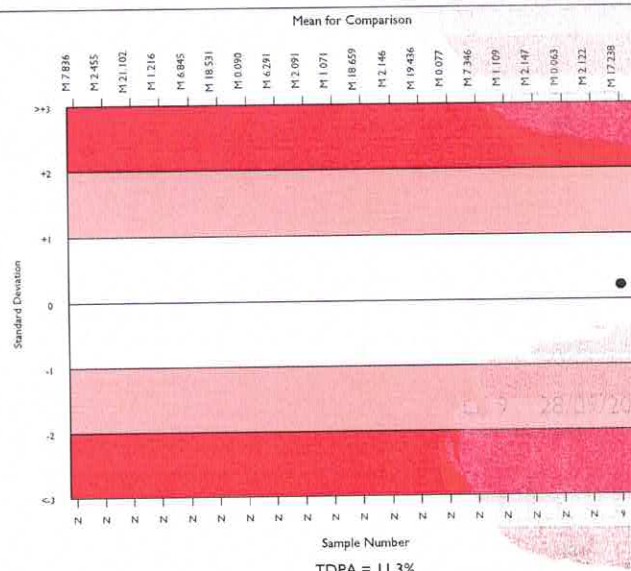
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	3035	17.641	9.5	0.04	1.21	357
Access/LXi725 hyper TSH 3rd gen	77	17.238	5.9	0.15	1.18	5

▲ Your Result	17.484	SDI	0.21
		RMSDI	Too Few
■ Mean for Comparison	17.238	TS	120
		RMTS	Too Few
		%DEV	1.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.30%



Method	N	Mean	CV%	U _m
Roche Cobas e601/ 602	616	18.430	3.2	0.03
Abbott Architect	496	15.784	4.7	0.04
Roche Cobas 4000/e411	414	18.535	4.0	0.05
Beckman DXI600/800/ Access 2 (3rd IS)	271	16.806	4.9	0.06
Roche Cobas e801	168	17.591	3.3	0.06
Abbott Alinity i	108	15.166	3.3	0.06
Siemens Centaur XP/Classic TSH3-Ultra	109	19.411	3.6	0.08
Siemens Centaur XP/XPT/Classic	105	19.828	6.1	0.15
Access/LXi725 hyper TSH 3rd gen	77	17.238	5.9	0.15
Ortho Vitros 3600/5600/ECI/XT 7600	74	27.071	5.0	0.20
Siemens Atellica IM	67	19.368	4.1	0.12
Siemens/DPC Immulite 2000/2500	58	17.851	7.7	0.22
Roche Elecsys	54	18.362	5.0	0.16
Tosoh AIA Series	54	20.376	9.0	0.31
SNIBE Maglumi analysers	46	12.769	4.0	0.09
bioMerieux, VIDAS, TSH	36	13.327	4.3	0.12
Mindray CL-Series	42	23.870	5.2	0.24
Beckman Dxl 600/800 Hyper TSH	38	16.743	6.1	0.21
Siemens/DPC Immulite 1000	29	18.110	5.2	0.22
Siemens Centaur CP	29	20.308	6.2	0.29
Beckman Dxl 600/800 1st generation	28	16.631	3.9	0.16

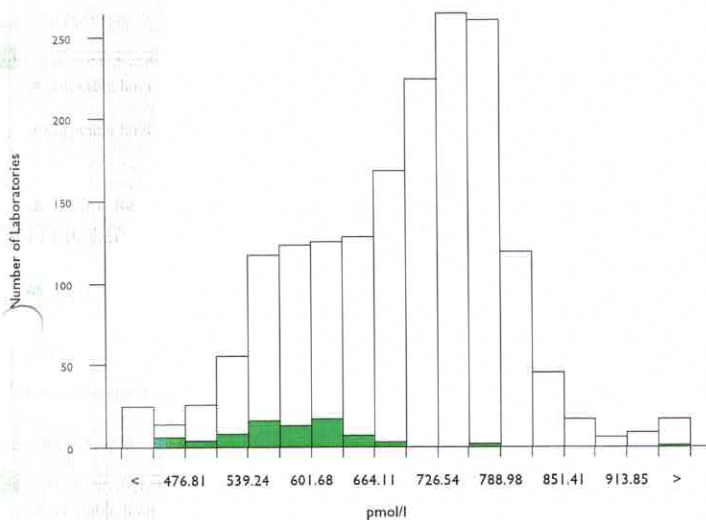


Vitamin B12, pmol/l

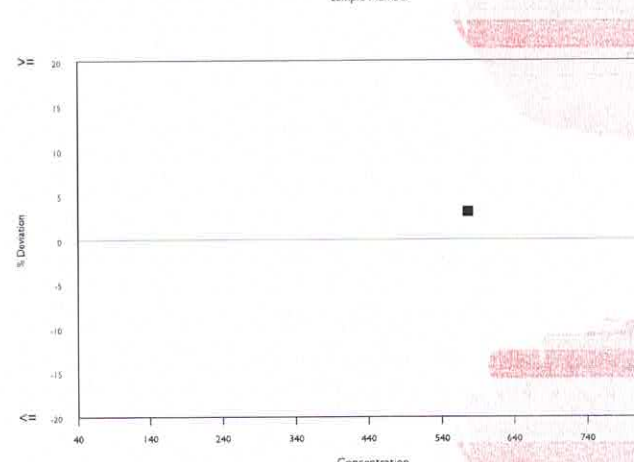
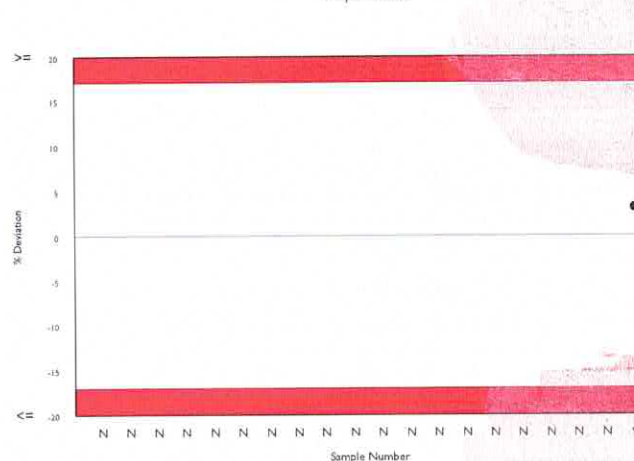
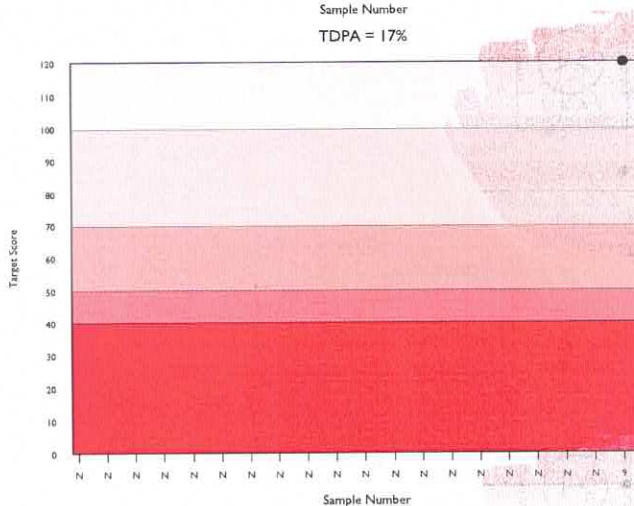
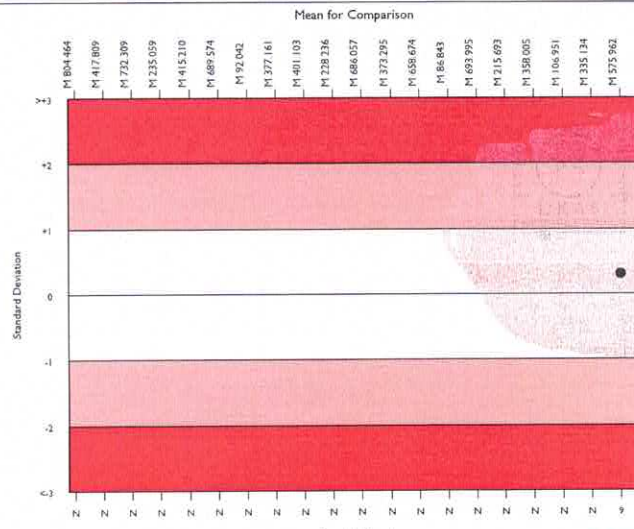
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	1645	695.332	12.0	2.57	71.86	99
Beckman Access/LXi725	74	575.962	9.0	7.53	59.53	3

▲ Your Result	594.000	SDI	0.30
		RMSDI	Too Few
■ Mean for Comparison	575.962	TS	120
		RMTS	Too Few
		%DEV	3.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	17.00%



Method	N	Mean	CV%	U _m
Abbott Architect	299	670.561	9.4	4.54
Roche Cobas e601/ 602 Gen II	292	765.046	3.8	2.14
Roche Cobas 4000/e411 Gen II	217	721.175	6.9	4.24
Beckman Dxl 600/800	184	568.430	6.5	3.40
Siemens Centaur XP/XPT/Classic	138	746.466	8.1	6.46
Roche Cobas e801 Gen II	101	756.837	3.1	2.89
Beckman Access/LXi725	74	575.962	9.0	7.53
Abbott Alinity i	62	665.839	12.1	12.83
Ortho Vitros 3600/5600/ECI/XT 7600	44	634.118	7.2	8.57
Siemens Atellica IM	40	739.415	5.1	7.41
Siemens/DPC Immulite 2000	33	629.663	8.3	11.42
Roche Elecsys	32	736.243	3.7	5.99
SNIBE Maglumi analysers	23	584.443	5.4	8.29
Tosoh AIA Series	16	821.523	8.5	21.88
Mindray CL Series	12	897.898	18.1	58.67
Siemens Centaur CP	8	735.599	9.2	29.91
Siemens Dimension	8	663.626	4.3	12.73
Siemens/DPC Immulite 1000	3	380.611	45.1	123.78
ELISA	3	634.712	4.3	19.85
MP Biomedicals RIA	3	791.862	2.7	15.25
Roche Cobas e601/ 602 USE VBC62	2	745.875	3.8	25.16



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
FP	166.307	No Result		Too Few		Too Few		Too Few	
EA	47.762	50.000	0.68	Too Few	4.7	Too Few	88	Too Few	
erritin	205.809	221.100	0.89	Too Few	7.4	Too Few	77	Too Few	
SH	65.005	69.010	0.89	Too Few	6.2	Too Few	77	Too Few	
CG	263.265	234.730	-1.39	Too Few	-10.8	Too Few	57	Too Few	
H	44.515	47.210	0.83	Too Few	6.1	Too Few	80	Too Few	
estradiol	1609.256	1736.770	0.91	Too Few	7.9	Too Few	76	Too Few	
progesterone	90.654	93.250	0.29	Too Few	2.9	Too Few	120	Too Few	
rolactin	813.821	37.300	-9.07	Too Few	-95.4	Too Few	10	Too Few	
SA, Free	25.328	25.760	0.23	Too Few	1.7	Too Few	120	Too Few	
ex Hormone Binding Globulin	38.746	40.530	0.52	Too Few	4.6	Too Few	97	Too Few	
ree T3	19.448	20.730	0.80	Too Few	6.6	Too Few	81	Too Few	
ree T4	45.936	48.210	0.67	Too Few	4.9	Too Few	89	Too Few	
ree Progesterone (Pilot)	746.375	No Result		Too Few		Too Few	N/A	N/A	
estosterone	27.103	30.480	1.29	Too Few	12.5	Too Few	61	Too Few	
SH	17.238	17.484	0.21	Too Few	1.4	Too Few	120	Too Few	
itamin B12	575.962	594.000	0.30	Too Few	3.1	Too Few	120	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A