

Unique Wellness Care

MONTHLY CLINICAL CHEMISTRY

CYCLE 19 SAMPLE 8

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

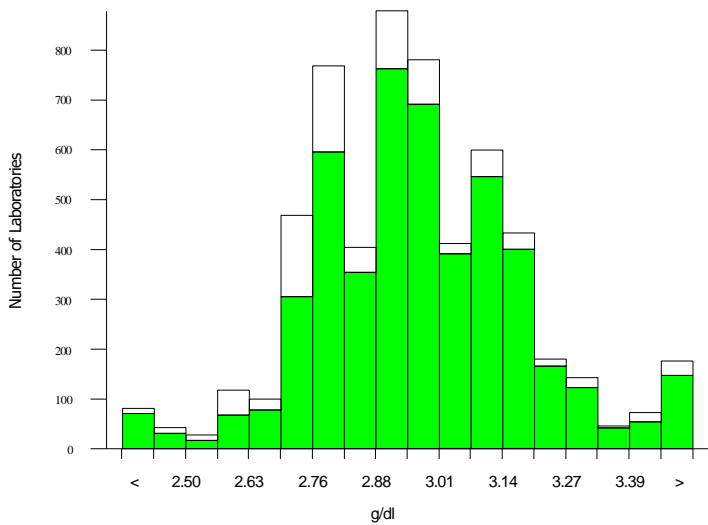
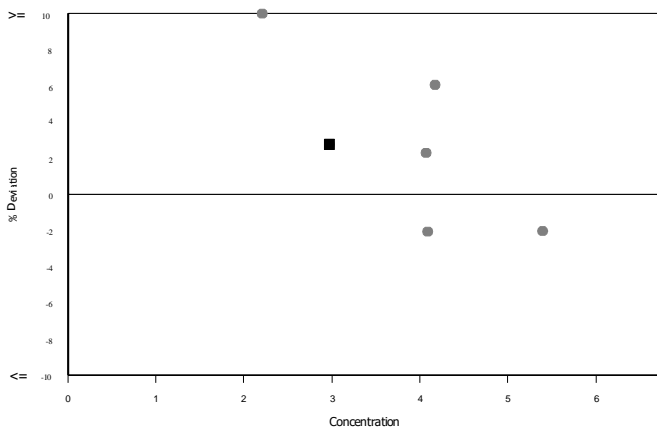
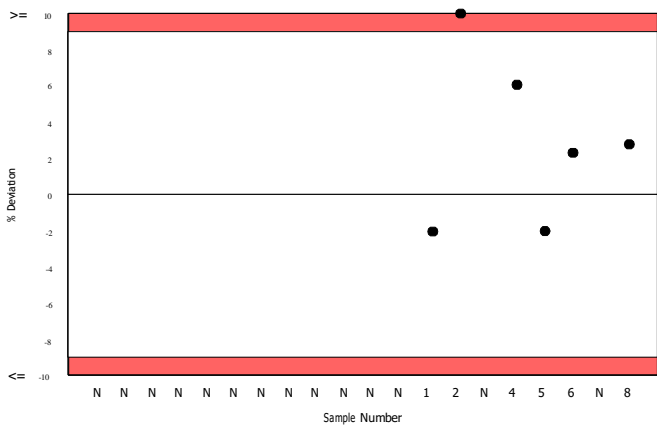
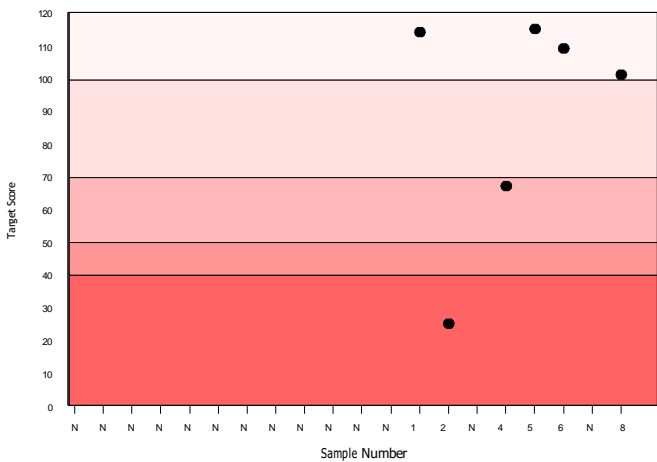
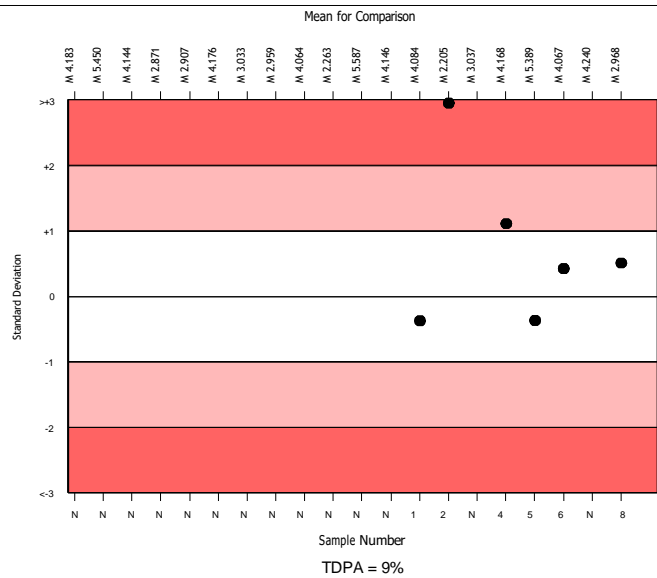
Issue Date: 02/09/2022

Albumin, g/dl

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	5326	2.953	5.8	0.00	0.16	406
Bromocresol Green	4511	2.968	5.6	0.00	0.16	332
Tulip Coralyzer 200	2	3.125	3.4	0.09	0.19a	0

▲ Your Result	3.050	SDI	0.51
		RMSDI	Too Few
■ Mean for Comparison	2.968	TS	101
		RMST	Too Few
		%DEV	2.8
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	9.00 %



Method	N	mean	CV%	U _m
Bromocresol Green	4511	2.968	5.6	0.00
Bromocresol Purple	482	2.788	4.7	0.01
Ortho Vitros MicroSlide Systems	202	2.901	3.7	0.01
Agappe - Bromocresol Green	57	3.172	4.3	0.02
Other Dry Chemistry	35	3.389	3.4	0.02
Turbidimetric Assays	30	2.934	7.3	0.05
Nephelometric Assays	5	2.942	11.4	0.19
Vitros DT60/DT60 II/DTSC II	4	3.138	10.2	0.20
Electrophoresis	2	2.850	7.4	0.19

A

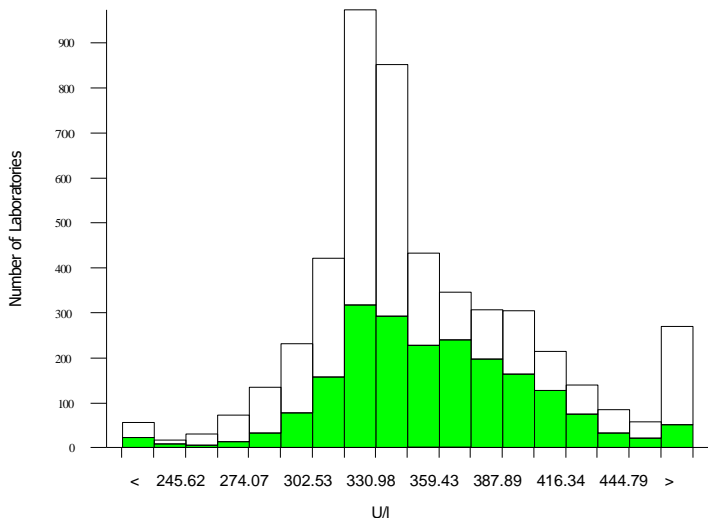
ABC

Alkaline Phosphatase, U/l @ 37°C

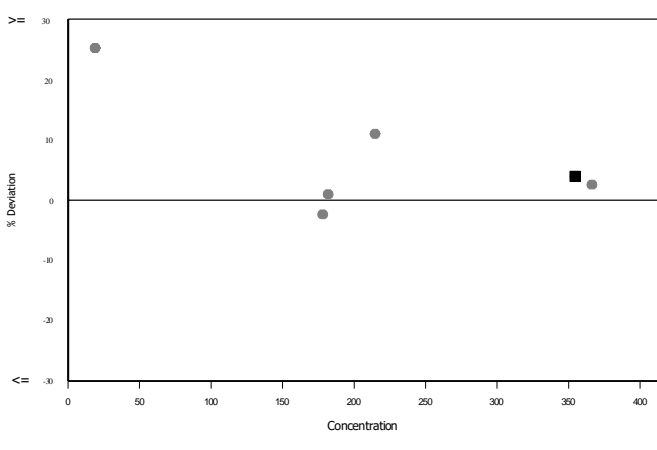
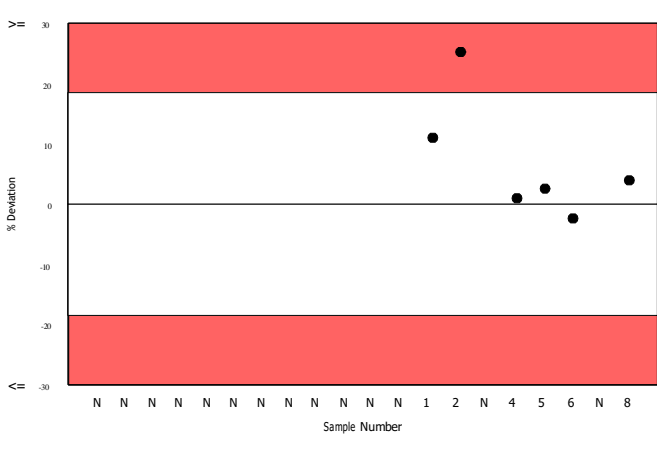
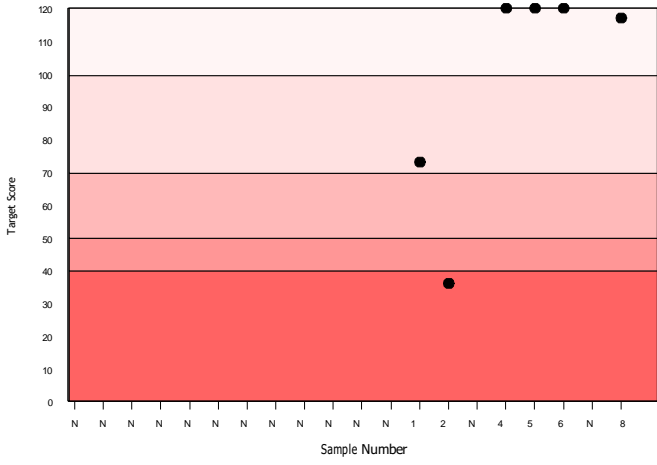
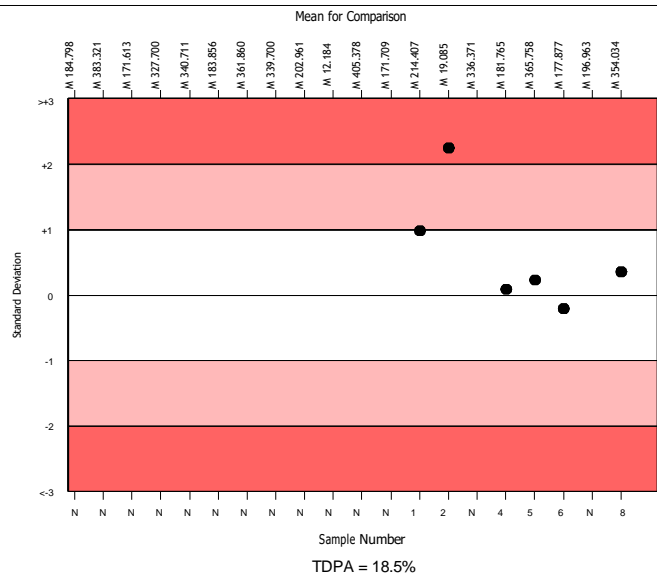
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	4530	345.212	11.0	0.70	38.83	407
AMP optimised to IFCC	1919	354.034	10.0	1.01	39.82	136
Tulip Coralyzer 200	2	358.000	4.0	12.50	42.16a	0

▲ Your Result	368.000	SDI	0.35
		RMSDI	Too Few
■ Mean for Comparison	354.034	TS	117
		RMTS	Too Few
		%DEV	3.9
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	18.50 %



Method	N	Mean	CV%	U _m
AMP optimised to IFCC	1919	354.034	10.0	1.01
Roche AMP buffer IFCC	1136	327.436	3.9	0.48
Diethanolamine buffer, DEA	459	436.456	15.5	3.96
Ortho Vitros MicroSlide Systems	224	283.520	5.6	1.33
Siemens/Dade Dimension AMP buffer	208	322.332	3.0	0.83
AMP non-optimised	200	350.886	7.4	2.29
Colorimetric	123	339.815	10.8	4.14
Beckman AMP (Calibrator)	124	390.221	5.8	2.55
Other AMP kits	55	343.090	5.2	2.99
Agappe - DGKC-SCE	43	439.213	8.8	7.38
Other Dry Chemistry	33	391.629	6.4	5.41
Beckman AMP (Extinction Coeff)	21	370.324	7.8	7.88
AMP optimised to NVKC/SFBC	8	362.013	9.1	14.55
AMPD optimised to JSCC	4	341.650	5.7	12.18
Vitros DT60/DT60 II/DTSC II	4	290.500	13.9	25.29
Fuji Dri-Chem JSCC	4	379.250	8.0	18.99
Tris/carbonate buffer	4	362.975	11.9	27.09



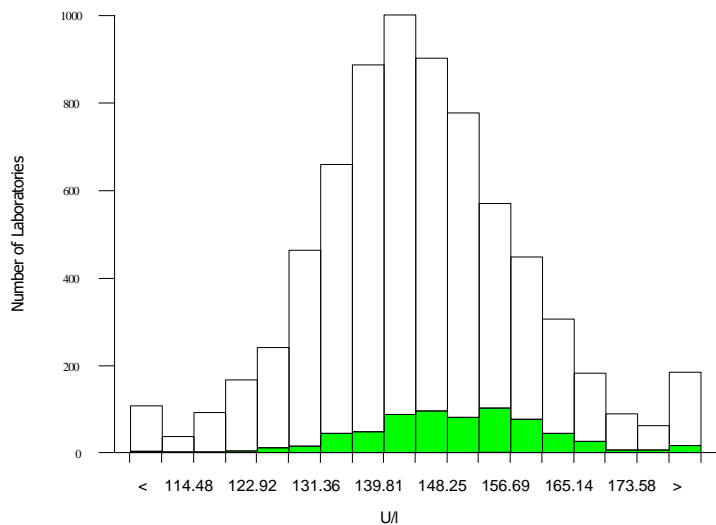
A ABC

ALT (GPT), U/I @ 37°C

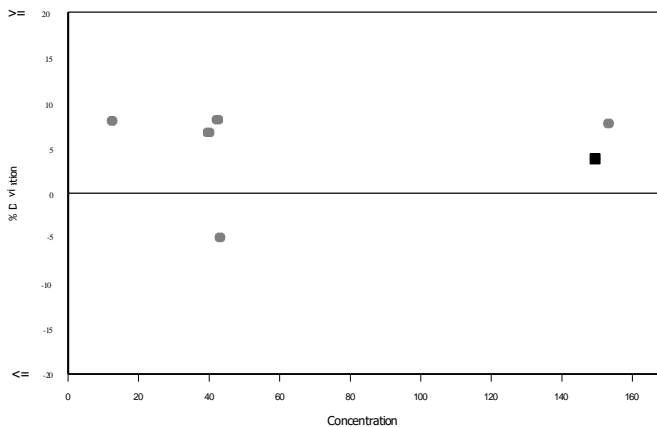
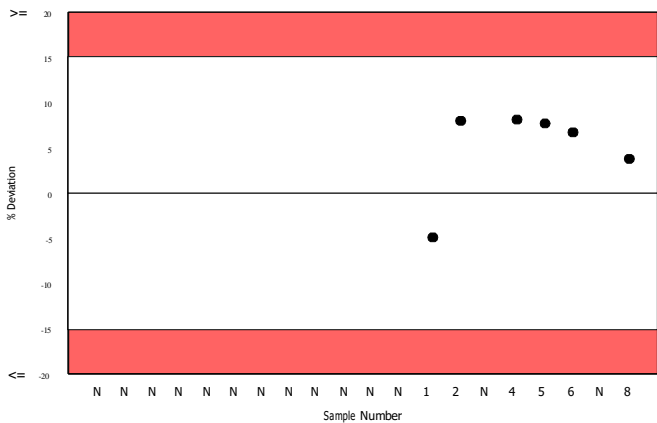
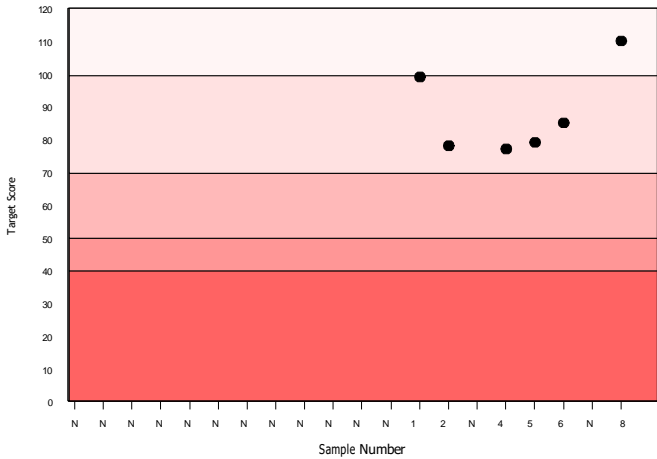
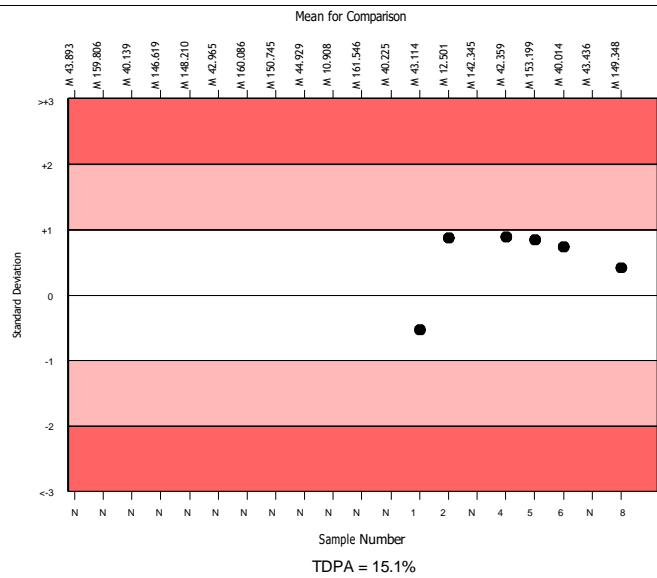
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6670	144.034	7.8	0.17	13.22	496
Tris buffer with P5P	624	149.348	6.4	0.48	13.71	45
Tulip Coralyzer 200	1	155.000	0.0	0.00	N/A	0

▲ Your Result	155.000	SDI	0.41
		RMSDI	Too Few
■ Mean for Comparison	149.348	TS	110
		RMST	Too Few
		%DEV	3.8
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.10 %



Method	N	Mean	CV%	U _m
Tris buffer without P5P	4426	141.878	8.3	0.22
Beckman Mod. IFCC Ref. without P5P	824	147.841	4.5	0.29
Tris buffer with P5P	624	149.348	6.4	0.48
Ortho Vitros MicroSlide Systems	170	139.518	5.3	0.71
Siemens/Dade standard nonIFCC correlated	162	156.008	4.8	0.73
Beckman IFCC Ref. with P5P	98	148.443	5.6	1.06
Agappe - IFCC	79	154.566	7.8	1.70
Ortho Vitros MicroSlide visible	71	137.936	5.0	1.03
Colorimetric	55	145.915	8.7	2.13
Other Dry Chemistry	42	143.907	4.5	1.25
Phosphate buffer, DGKC	31	150.601	7.1	2.39
Tris buffer with P5P, NVKC	22	142.395	8.0	3.02
Tris buffer, SCE	16	153.488	13.4	6.44
Beckman (Extinction Coefficient)	10	143.176	7.5	4.27
Vitros DT60/DT60 II/DTSC II	5	134.400	6.7	5.02



A

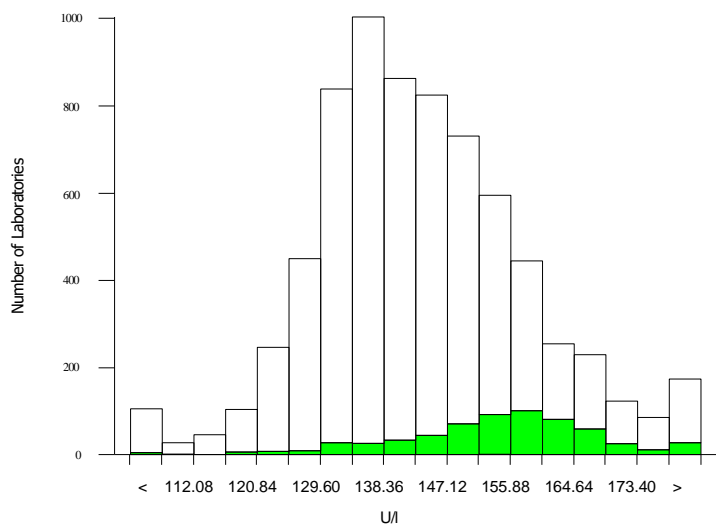
ABC

AST (GOT), U/I @ 37°C

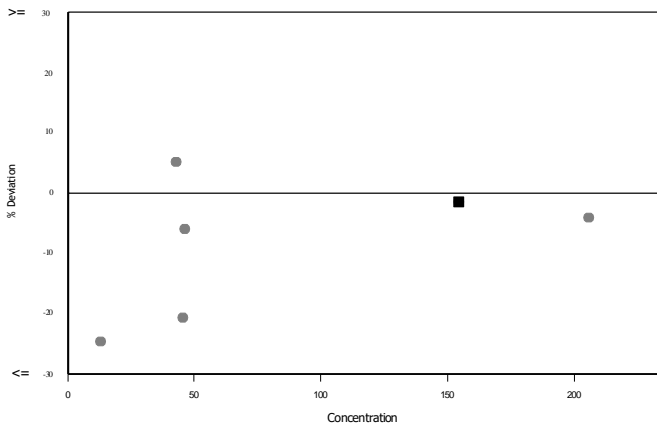
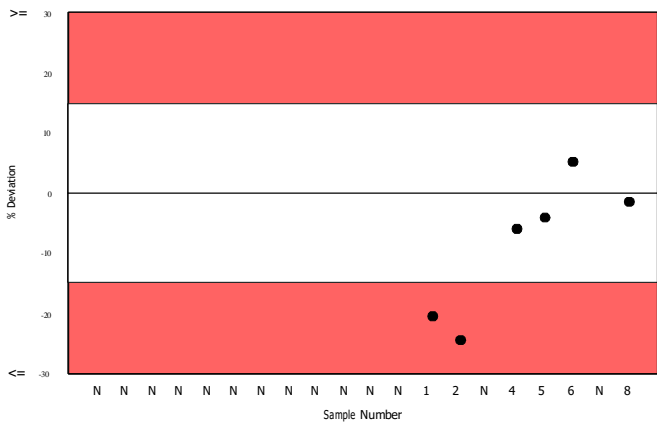
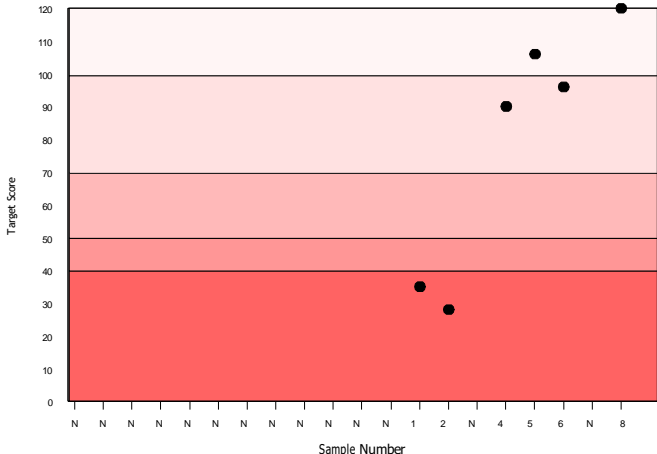
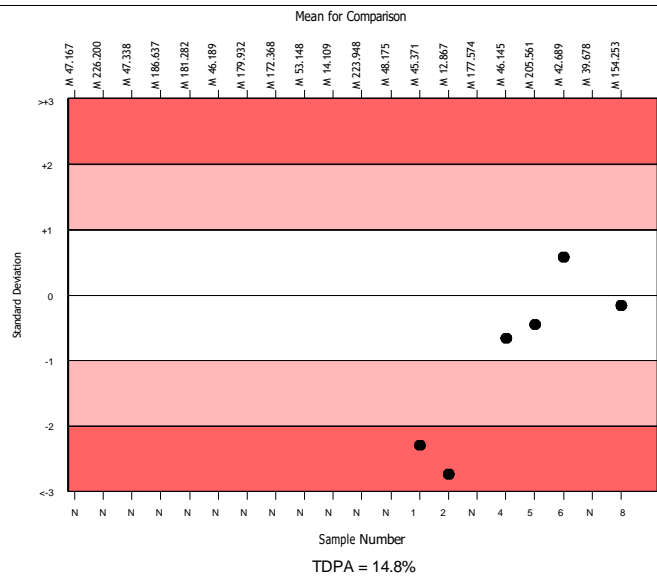
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6653	142.745	8.2	0.18	12.84	487
Tris buffer with P5P	576	154.253	7.0	0.56	13.88	51
Tulip Coralyzer 200	1	152.000	0.0	0.00	N/A	0

▲ Your Result	152.000	SDI	-0.16
		RMSDI	Too Few
■ Mean for Comparison	154.253	TS	120
		RMTS	Too Few
		%DEV	-1.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	14.80 %



Method	N	Mean	CV%	U _m
Tris buffer without P5P	4423	139.047	7.3	0.19
Beckman Mod. IFCC Ref. without P5P	837	146.582	3.9	0.25
Tris buffer with P5P	576	154.253	7.0	0.56
Ortho Vitros MicroSlide visible	230	169.688	4.5	0.62
Siemens/Dade standard non IFCC corr.	171	154.990	4.9	0.73
Beckman IFCC Ref. with P5P	82	146.637	6.4	1.29
Agappe - IFCC	84	139.683	7.2	1.37
Colorimetric	50	141.533	6.0	1.50
Other Dry Chemistry	42	142.519	3.6	1.00
Phosphate buffer, DGKC	27	142.423	7.8	2.68
Tris buffer with P5P, NVKC	26	139.004	7.9	2.70
Tris buffer, SCE	14	147.216	9.7	4.78
Beckman (Extinction Coefficient)	10	139.510	9.1	5.00
Vitros DT60/DT60 II/DTSC II	6	149.167	17.1	13.03



A

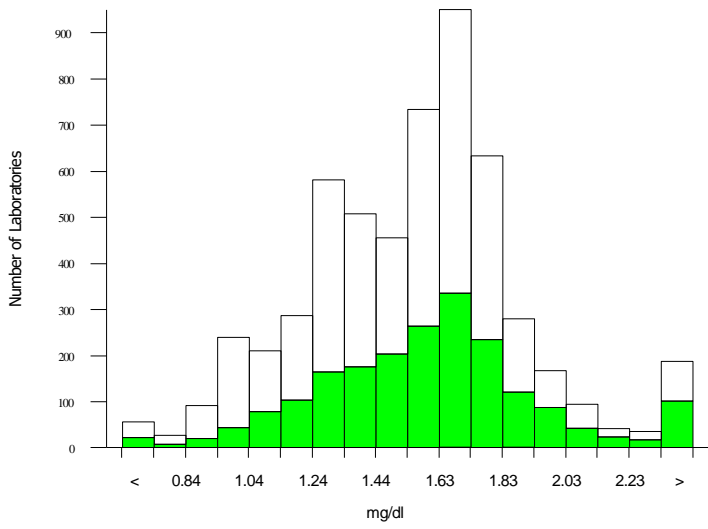
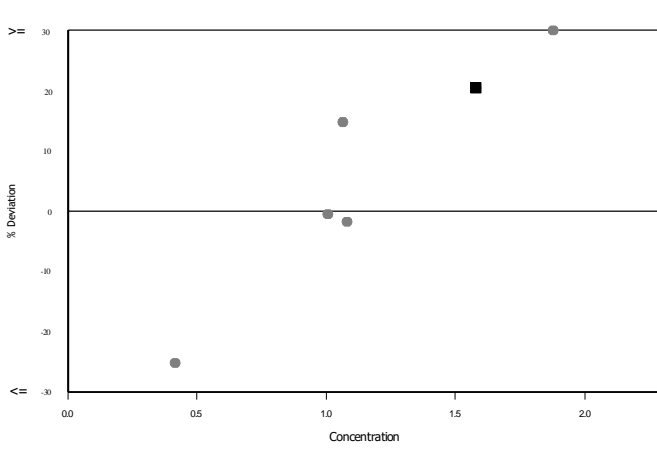
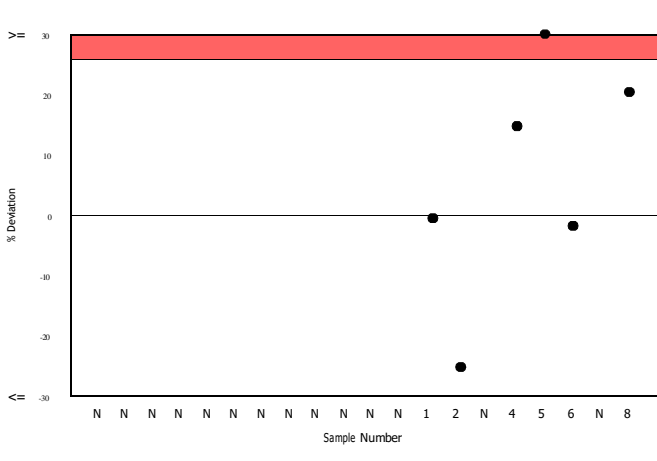
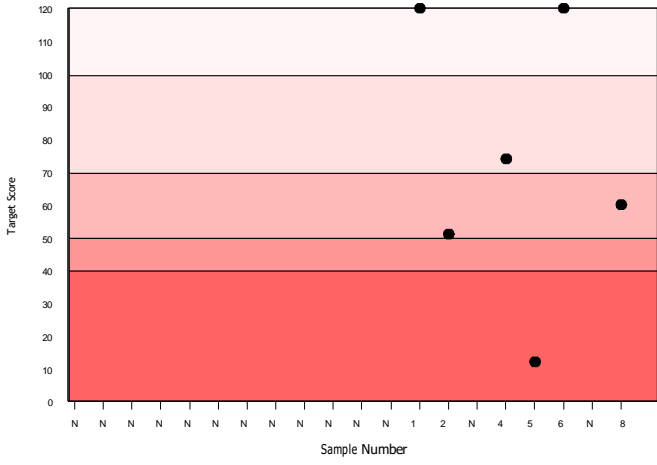
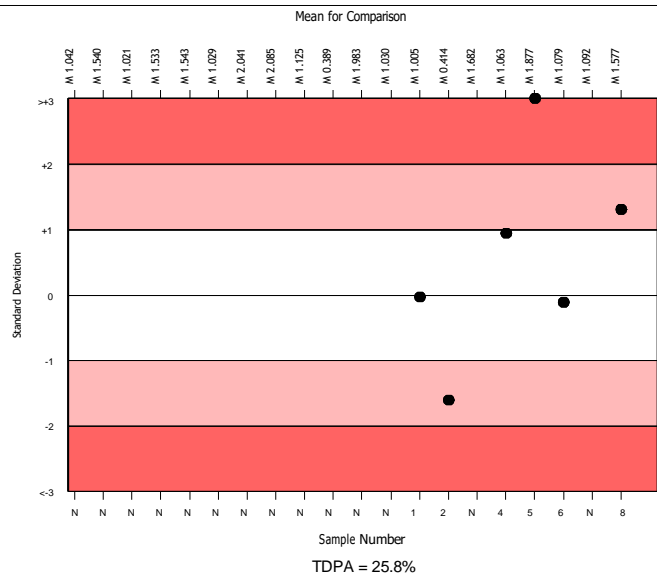
ABC

Bilirubin, Direct, mg/dl

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	5161	1.539	17.1	0.00	0.24	410
Diazo with Sulphanilic Acid	1869	1.577	16.5	0.01	0.25	170
Tulip Coralyzer 200	2	1.800	7.9	0.12	0.31a	0

▲ Your Result	1.900	SDI	1.30
		RMSDI	Too Few
■ Mean for Comparison	1.577	TS	60
		RMTS	Too Few
		%DEV	20.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	25.80 %



Method	N	Mean	CV%	U _m
Diazo with Sulphanilic Acid	1869	1.577	16.5	0.01
Dichlorophenyl Diazonium	1460	1.481	14.3	0.01
Diazo with Dichloroaniline	503	1.655	10.9	0.01
Roche DPD JG standardised	346	1.671	5.8	0.01
Oxidation to Biliverdin/Vanadate	329	1.766	10.3	0.01
Diazo/ Sulphanilic Siemens Dimension	260	1.015	6.1	0.00
Roche DPD Dumas standardised	172	1.545	11.1	0.02
Diazo/Sulphanilic Beckman DxC	97	1.242	11.6	0.02
Agappe - DIAZO	55	0.923	19.5	0.03
Other Dry Chemistry	36	2.194	14.9	0.07
Roche (US calibrator only)	4	1.589	7.5	0.07

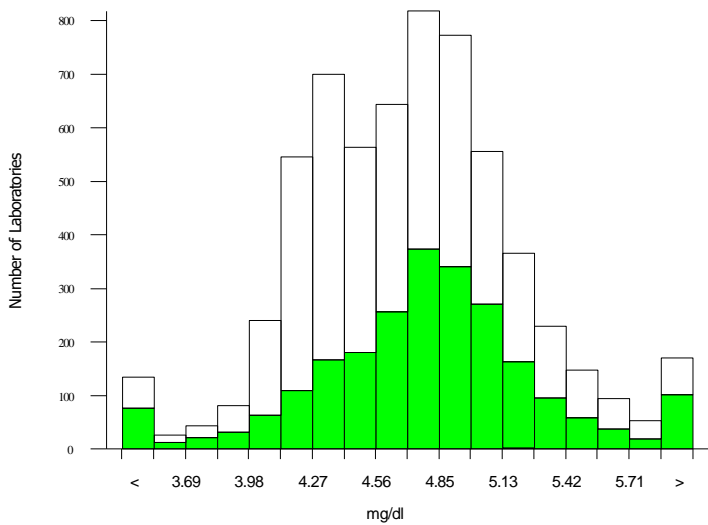
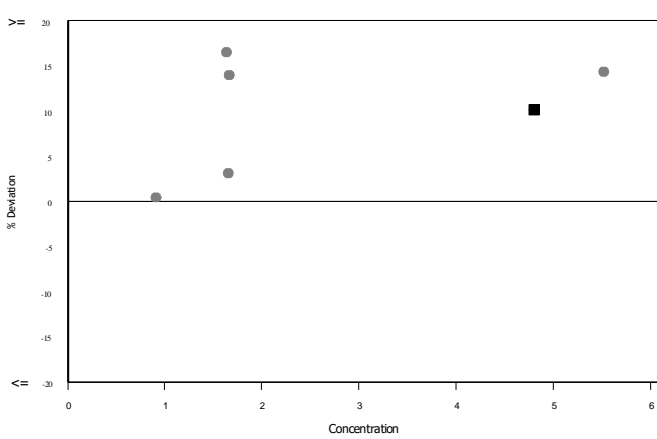
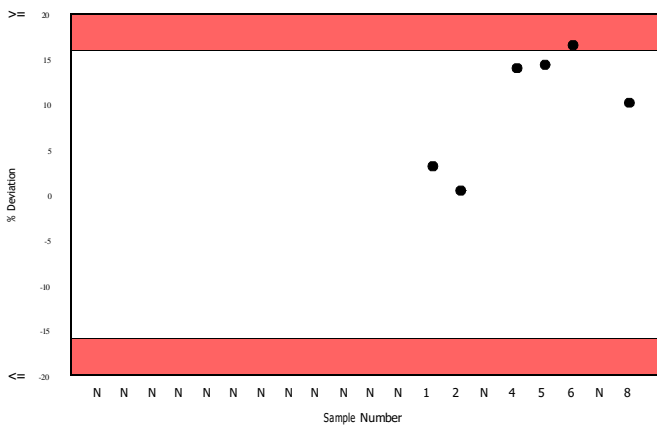
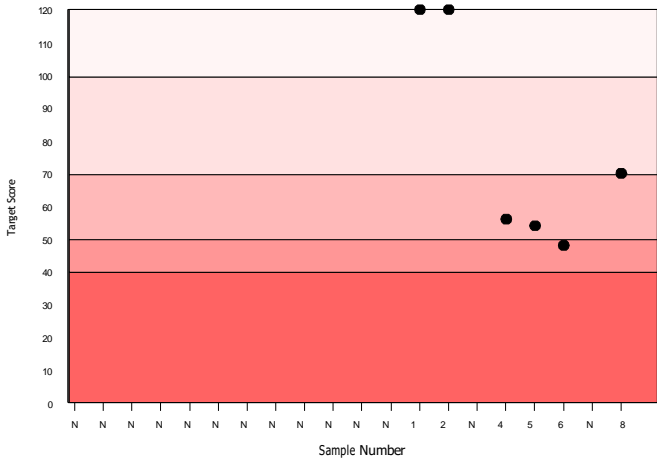
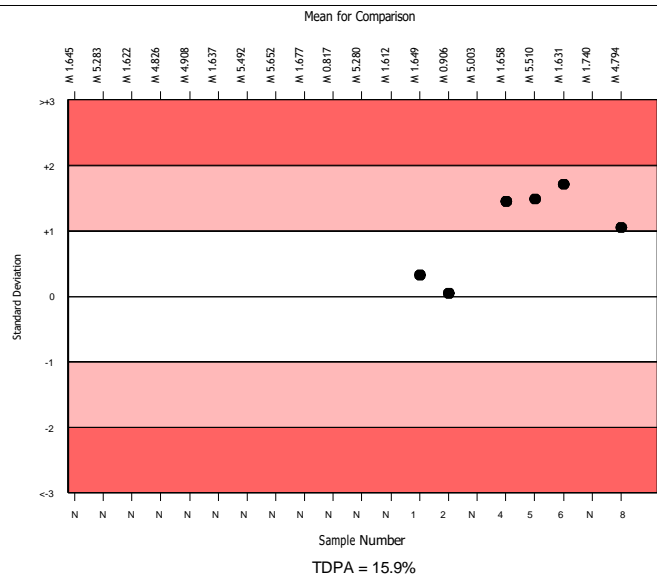
A ABC

Bilirubin, Total, mg/dl

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	5725	4.707	8.2	0.01	0.46	454
Diazo with Sulphanilic Acid	2163	4.794	7.9	0.01	0.46	208
Tulip Coralyzer 200	2	5.240	1.1	0.05	0.51	0

▲ Your Result	5.280	SDI	1.05
		RMSDI	Too Few
■ Mean for Comparison	4.794	TS	70
		RMST	Too Few
		%DEV	10.1
		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
Diazo with Sulphanilic Acid	2163	4.794	7.9	0.01
Dichlorophenyl Diazonium	1244	4.473	6.9	0.01
Diazo with Dichloroaniline	523	4.828	7.0	0.02
DPD (Beckman AU)	512	4.863	3.4	0.01
Diazonium ion	513	4.454	6.3	0.02
Oxidation to Biliverdin/Vanadate	358	5.177	6.5	0.02
Ortho Vitros MicroSlide System Total Bil	206	4.379	6.0	0.02
Agappe - TAB	49	4.657	8.1	0.07
Other Dry Chemistry	41	4.512	5.2	0.05
Nitrobenzenediazonium Salt	27	4.499	6.0	0.06
Agappe - DMSO	12	4.915	12.4	0.22
Vitros DT60/DT60 II Total Bil	5	4.320	5.4	0.13
Direct Spectrophotometry	5	4.605	6.2	0.16
Assel - DMSO	2	5.180	1.4	0.06

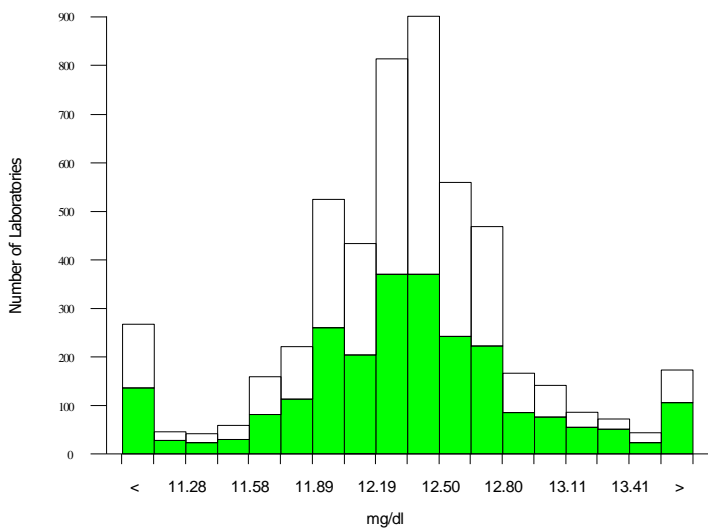
A ABC

Calcium, mg/dl

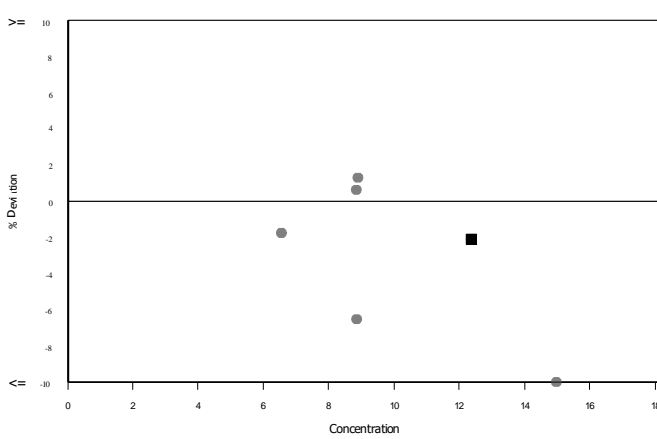
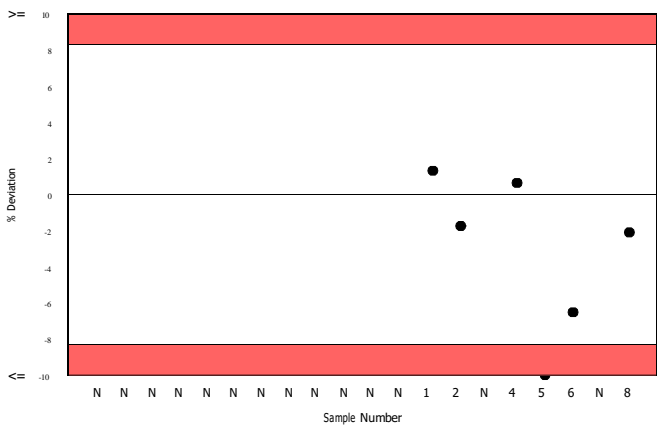
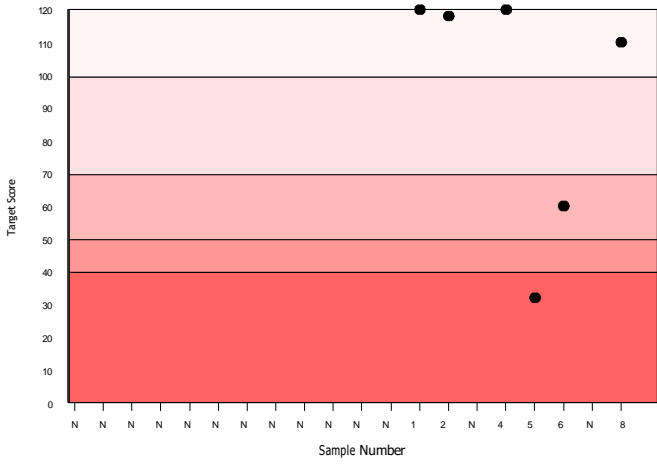
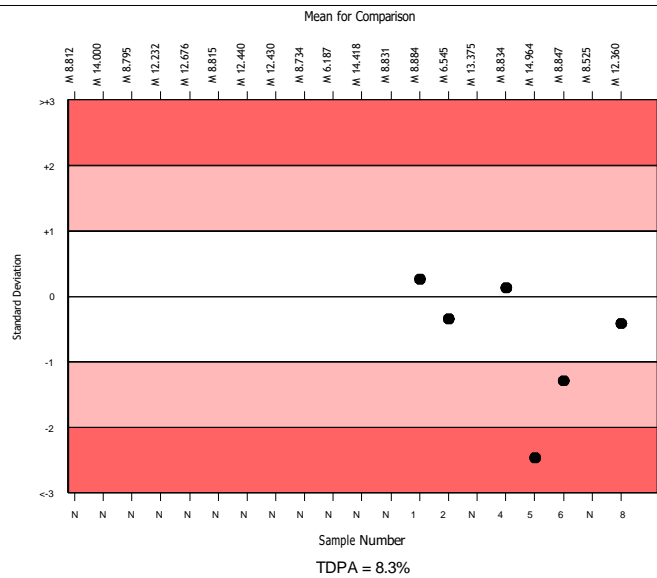
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	4720	12.350	3.3	0.01	0.62	454
Arsenazo	2255	12.360	3.7	0.01	0.62	220
Tulip Coralyzer 200	1	12.100	0.0	0.00	N/A	0

▲ Your Result	12.100	SDI	-0.42
		RMSDI	Too Few
■ Mean for Comparison	12.360	TS	110
		RMTS	Too Few
		%DEV	-2.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	8.30 %



Method	N	Mean	CV%	U _m
Arsenazo	2255	12.360	3.7	0.01
Cresolphthalein complexone	1148	12.329	3.1	0.01
NM-BAPTA	875	12.424	2.1	0.01
Ortho Vitros MicroSlide Systems	213	12.085	2.1	0.02
Ion selective electrode	118	12.078	6.5	0.09
Agappe - ARSENAZO	40	12.370	4.2	0.10
Other Dry Chemistry	24	13.004	4.8	0.16
Phosphonazo	24	12.369	6.1	0.19
Methylthymol blue	10	12.281	2.6	0.13
Agappe - OCPC	6	12.243	13.2	0.82
Atomic absorption	3	12.373	3.5	0.31
Vitros DT60/DT60 II/DTSC II	3	12.267	1.9	0.17
Optical Emission Spectroscopy	2	8.120	71.1	5.10



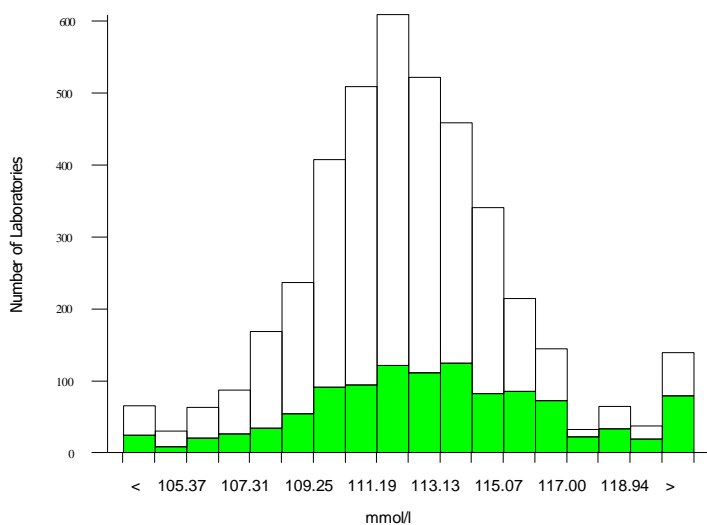
A ABC

Chloride, mmol/l

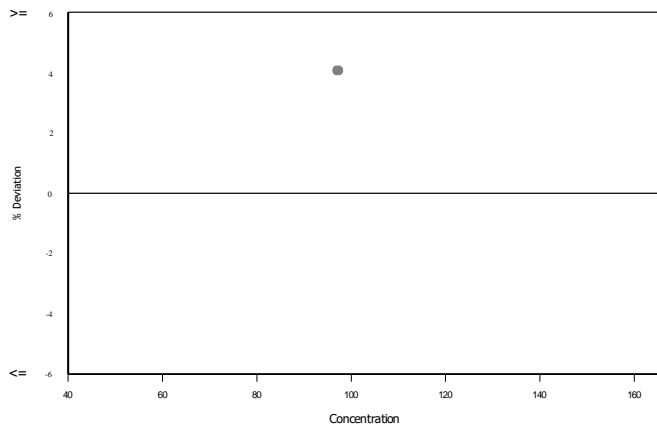
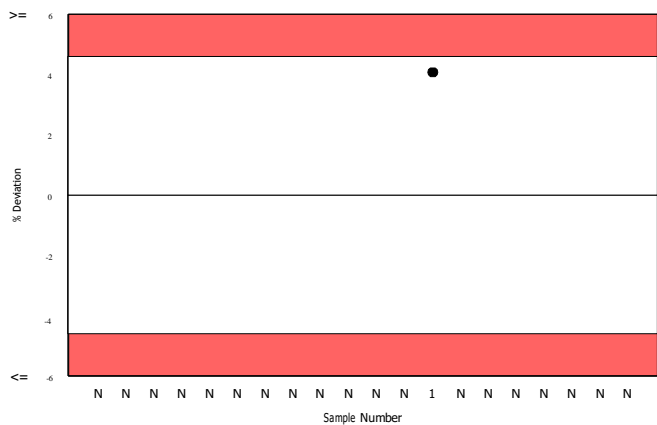
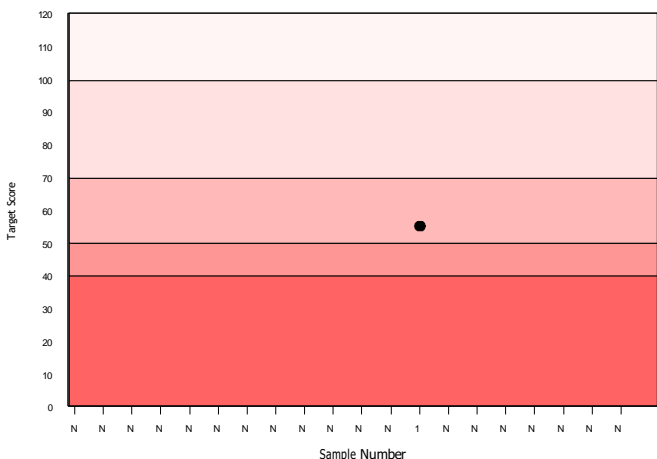
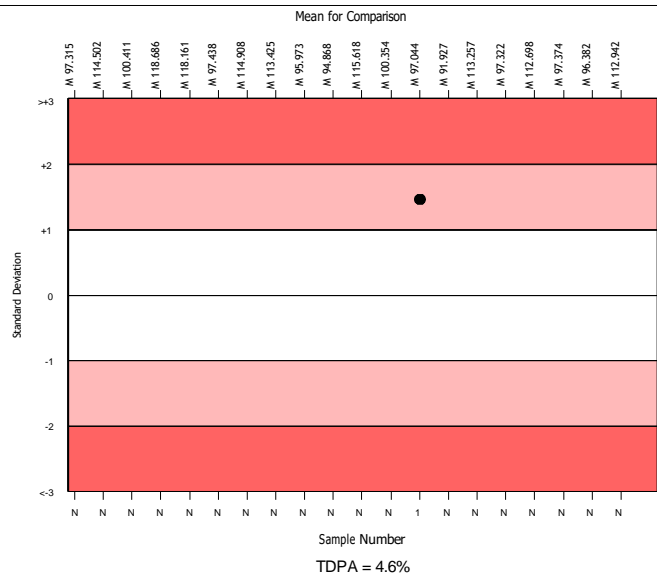
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	3820	112.163	2.3	0.05	3.14	303
ISE, direct	1009	112.942	2.8	0.13	3.16	91
Tulip Coralyzer 200	0					

▲ Your Result	No Result	SDI	RMSDI	Too Few
▲ Mean for Comparison	112.942	TS	RMTS	Too Few
		%DEV	RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	4.60 %



Method	N	Mean	CV%	U _m
ISE, indirect	2519	111.882	2.0	0.06
ISE, direct	1009	112.942	2.8	0.13
Ortho Vitros MicroSlide Systems	148	113.708	1.9	0.23
Colorimetric	117	111.535	3.3	0.43
Other Dry Chemistry	26	113.135	1.7	0.46
Agappe - THIOCYANATE	7	111.443	4.3	2.27
Optical Fluorescence	6	125.400	5.9	3.80



A

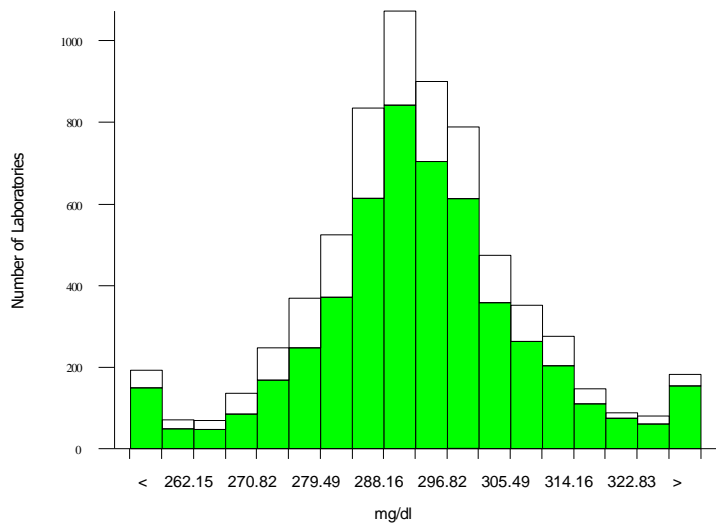
ABC

Cholesterol, mg/dl

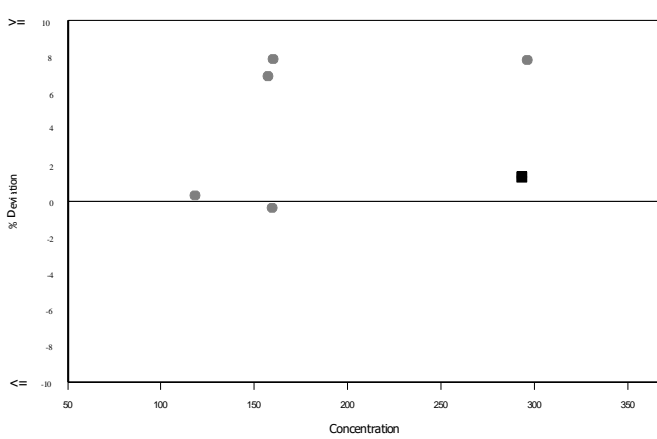
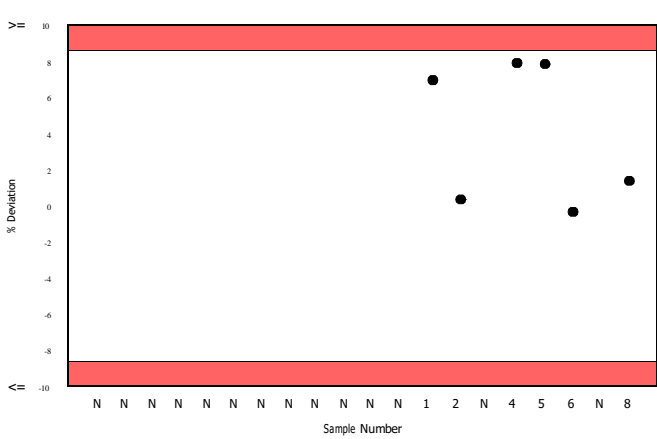
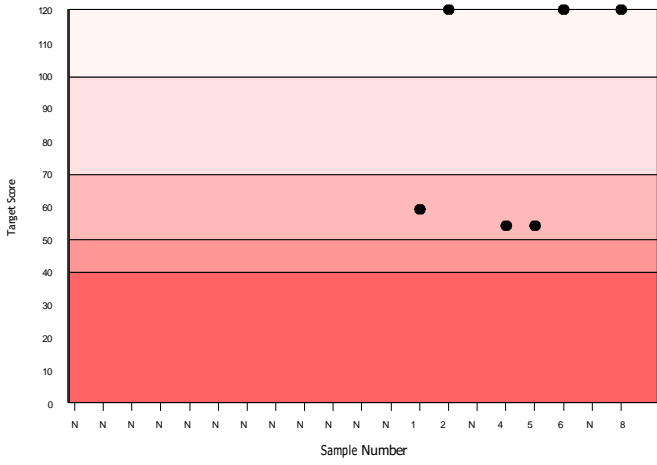
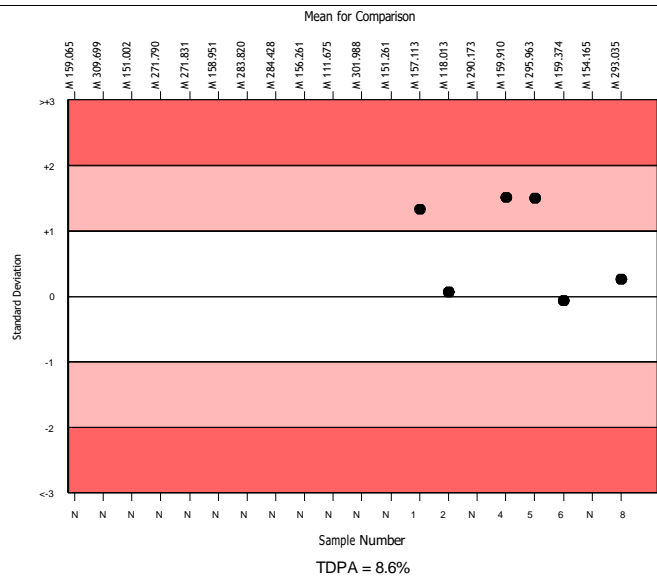
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6271	292.495	4.0	0.18	15.29	531
Cholesterol Oxidase - Abell Kendall	4710	293.035	3.9	0.21	15.32	402
Tulip Coralyzer 200	1	297.000	0.0	0.00	N/A	0

▲ Your Result	297.000	SDI	0.26
		RMSDI	Too Few
■ Mean for Comparison	293.035	TS	120
		RMST	Too Few
		%DEV	1.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	8.60 %



Method	N	mean	CV%	U _m
Cholesterol Oxidase - Abell Kendall	4710	293.035	3.9	0.21
Cholesterol Oxidase - IDMS	814	296.030	3.2	0.42
Siemens Dimension	241	282.886	2.9	0.66
Ortho Vitros MicroSlide Systems	226	280.494	2.7	0.64
Cholesterol Dehydrogenase	133	294.416	3.8	1.22
Agappe - CHOD-PAP	80	295.876	4.8	1.98
Other Dry Chemistry	37	274.823	4.5	2.55
Dimension - non Siemens reagents	4	287.115	6.3	11.39
Vitros DT60/DT60 II/DTSC II	4	272.846	2.0	3.48



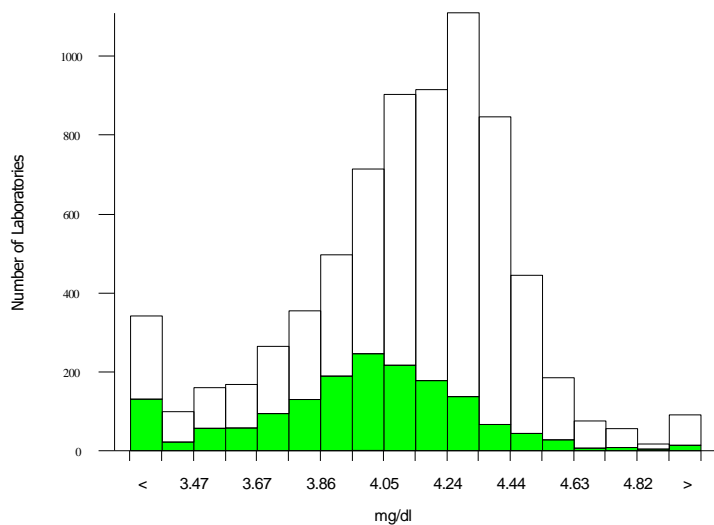
A ABC

Creatinine, mg/dl

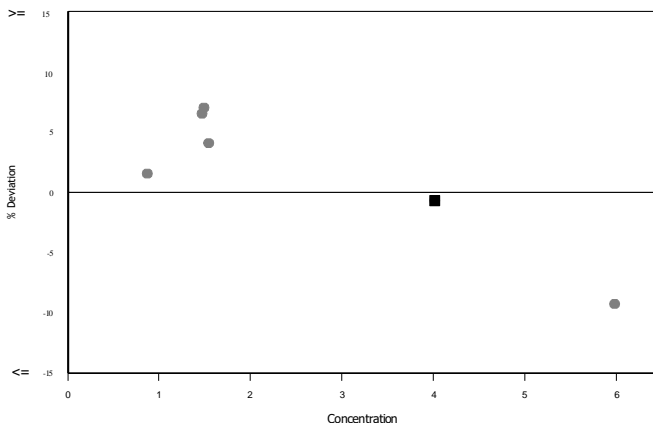
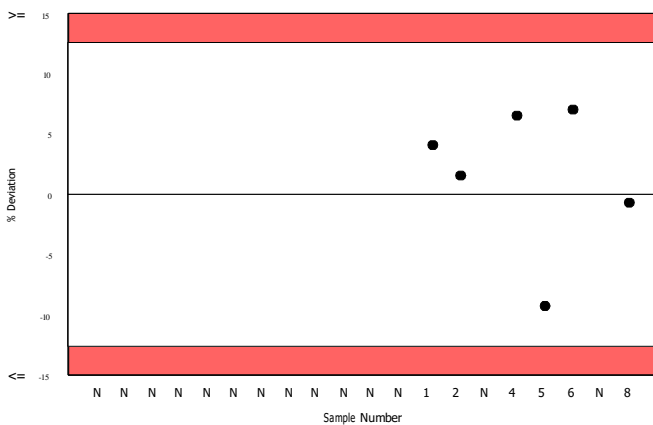
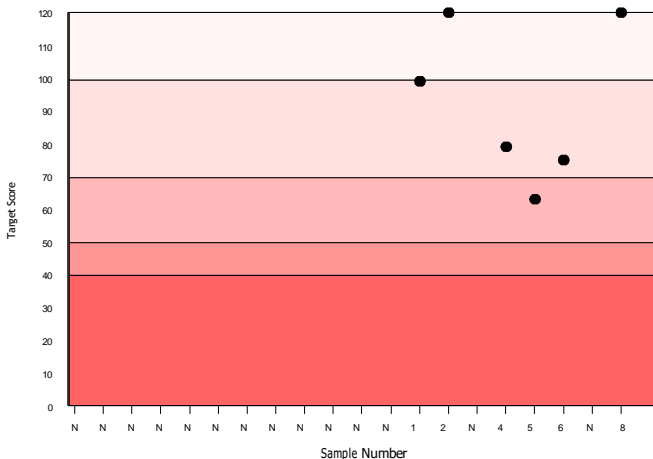
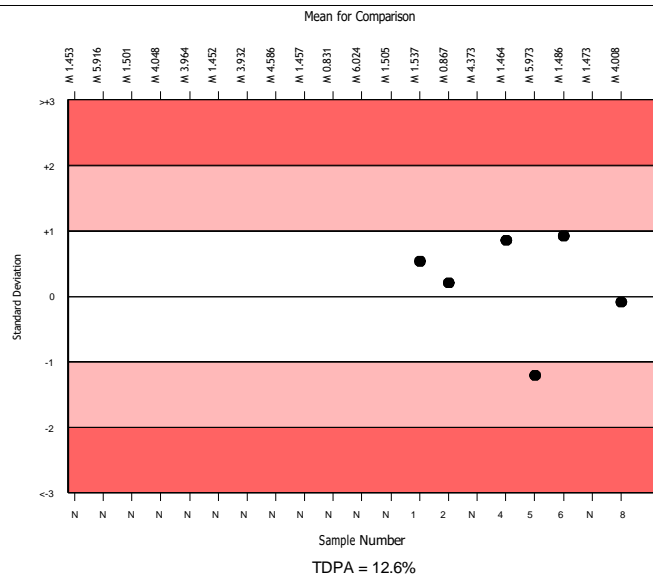
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6656	4.152	6.2	0.00	0.32	581
Jaffe rate blanked	1503	4.008	6.8	0.01	0.31	128
Tulip Coralyzer 200	1	3.980	0.0	0.00	N/A	0

▲ Your Result	3.980	SDI	-0.09
		RMSDI	Too Few
■ Mean for Comparison	4.008	TS	120
		RMTS	Too Few
		%DEV	-0.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	12.60 %



Method	N	Mean	CV%	U _m
Alkaline picrate no deproteinisation	1879	4.117	7.6	0.01
Jaffe rate blanked	1503	4.008	6.8	0.01
Jaffe rate blanked comp. (-26umol/l)	759	4.206	3.8	0.01
Jaffe rate comp. (-18umol/l)	371	4.156	4.3	0.01
Enzymatic UV method (340nm)	350	4.272	3.9	0.01
Creatinine PAP method	330	4.260	4.8	0.01
Roche Creatinine Plus	310	4.323	2.6	0.01
IDMS traceable	308	4.207	4.0	0.01
Other enzymatic methods	277	4.331	3.6	0.01
Vitros, IDMS traceable	172	4.332	3.2	0.01
Alkaline picrate with deproteinisation	141	4.086	6.4	0.03
Other Dry Chemistry	68	4.039	6.1	0.04
Jaffe rate blanked comp. (-33umol/l)	61	3.902	9.3	0.06
Agappe - JAFFE'S KINETIC	54	3.704	9.3	0.06
Vitros DT60/DT60 II/DTSC II	27	4.301	3.1	0.03
Agappe - ENZYMATIC	25	3.978	10.6	0.11



A

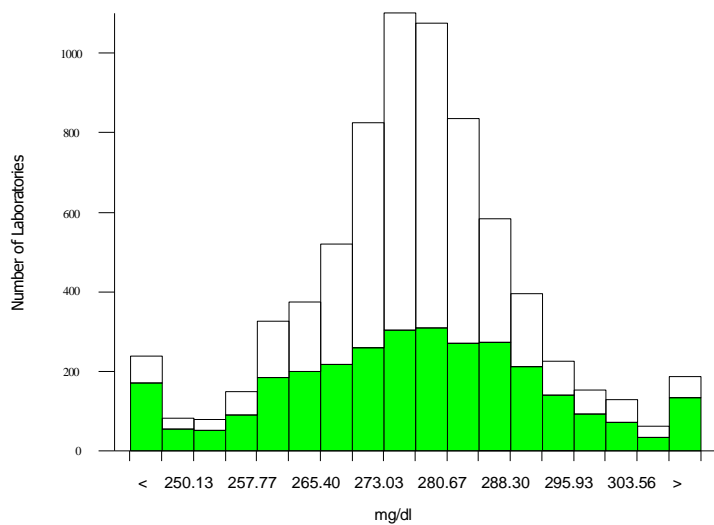
ABC

Glucose, mg/dl

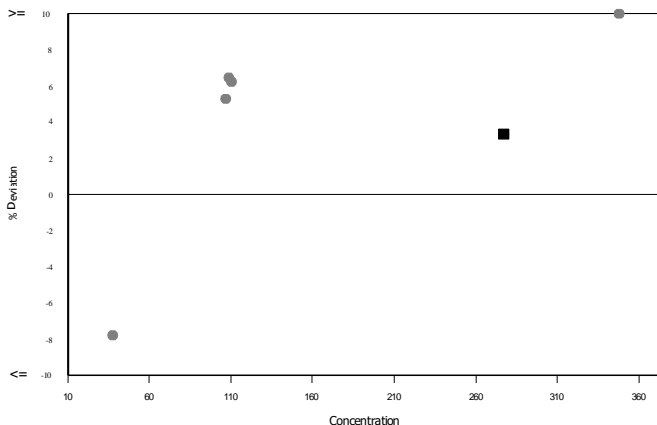
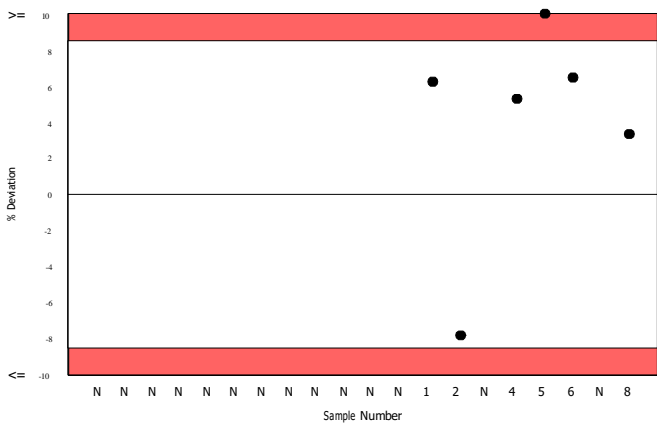
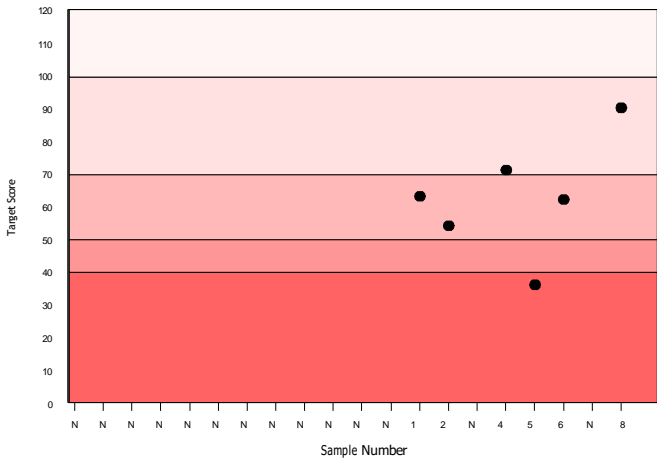
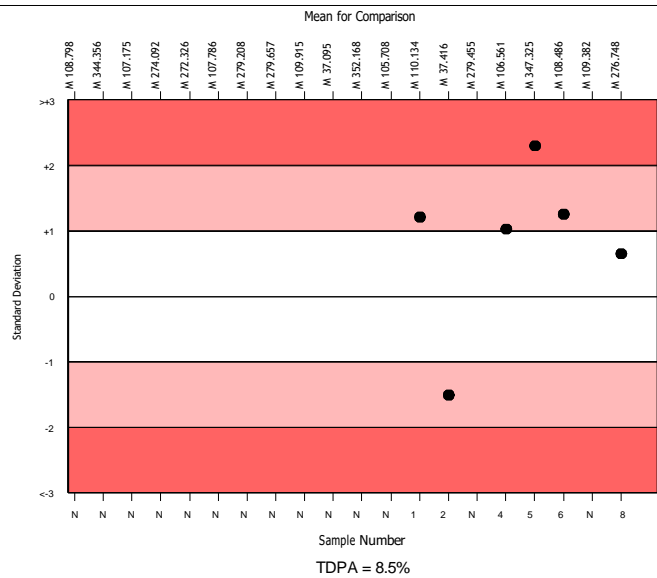
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6735	276.854	3.7	0.15	14.31	601
Glucose oxidase	2801	276.748	4.8	0.31	14.30	268
Tulip Coralyzer 200	2	290.500	2.2	5.62	16.03a	0

▲ Your Result	286.000	SDI	0.65
		RMSDI	Too Few
■ Mean for Comparison	276.748	TS	90
		RMST	Too Few
		%DEV	3.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	8.50 %



Method	N	Mean	CV%	U _m
Hexokinase	3450	277.474	2.5	0.15
Glucose oxidase	2801	276.748	4.8	0.31
Ortho Vitros MicroSlide Systems	233	262.936	2.4	0.52
Agappe - GOD-PAP	76	281.872	4.4	1.76
Glucose dehydrogenase	67	278.294	5.0	2.10
Other Dry Chemistry	36	266.058	2.4	1.31
GOD/02-Beckman method	33	279.890	3.8	2.32
Oxygen electrode	11	273.734	1.4	1.48
Vitros, DT60/DT60 II	5	281.864	4.3	6.75



A

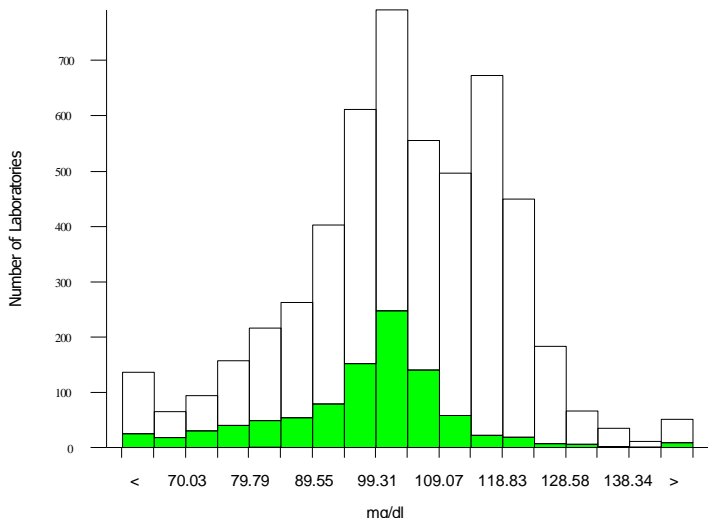
ABC

HDL-Cholesterol, mg/dl

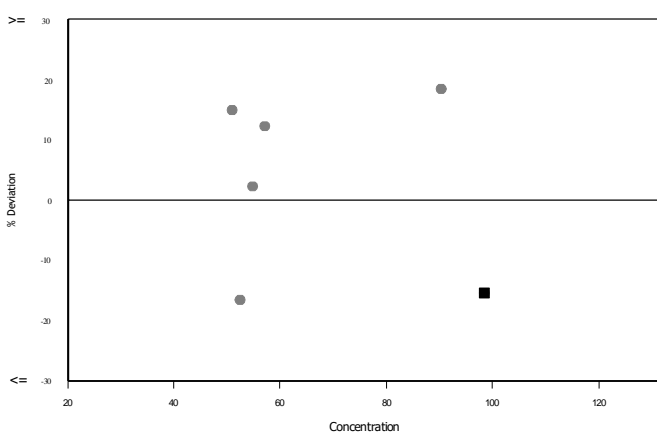
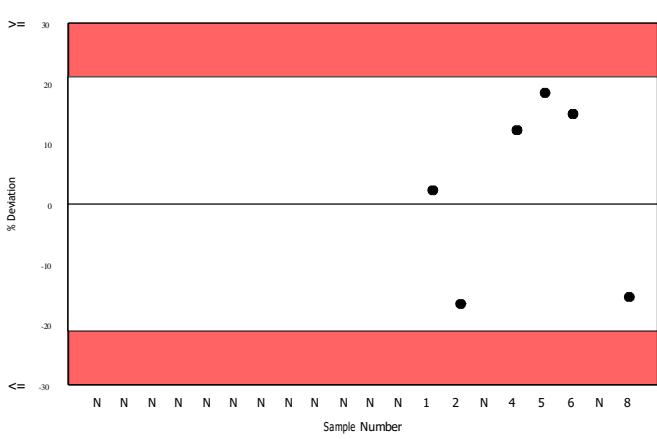
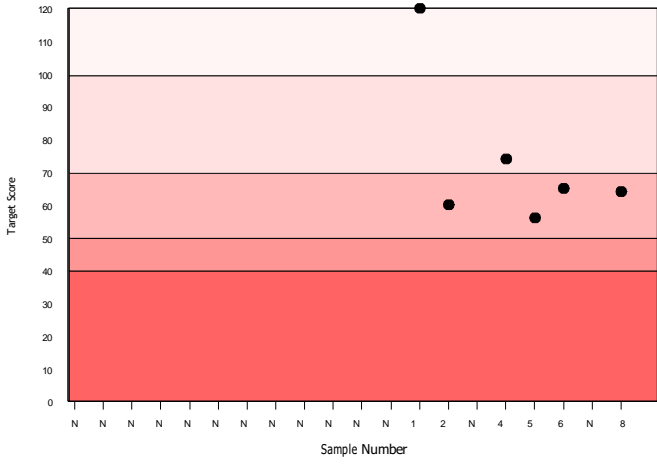
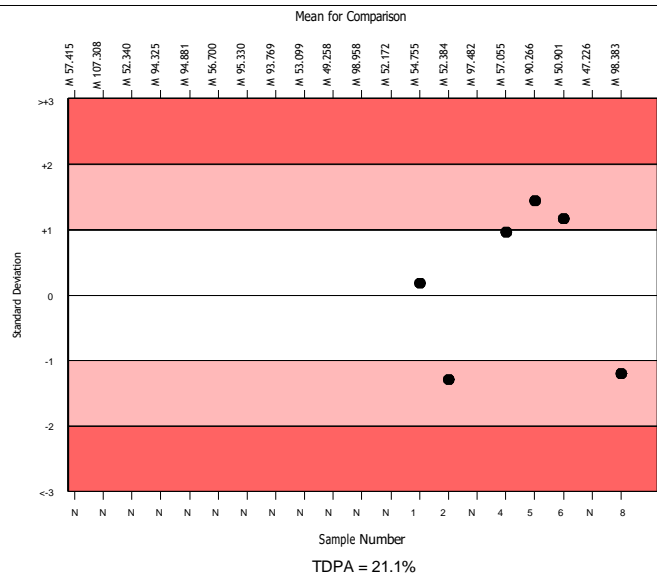
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	4916	104.192	12.5	0.23	13.37	346
Direct HDL, Immunoseparation	881	98.383	10.5	0.43	12.62	78
Tulip Coralyzer 200	1	83.200	0.0	0.00	N/A	0

▲ Your Result	83.200	SDI	-1.20
		RMSDI	Too Few
■ Mean for Comparison	98.383	TS	64
		RMTS	Too Few
		%DEV	-15.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	21.10 %



Method	N	Mean	CV%	U _m
Direct HDL, Roche 4th gen.	1243	117.091	4.6	0.19
Direct HDL, Clearance method	1015	94.783	13.2	0.49
Direct HDL, Immunoseparation	881	98.383	10.5	0.43
HDL Ultra/Accel Selective Detergent	537	101.124	5.9	0.32
Direct HDL, PEGME	506	99.845	18.4	1.02
Direct HDL, PPD	331	103.699	10.2	0.73
Vitros dHDL, PTA/MgCl2 direct precip.	174	97.521	6.4	0.59
Agappe - SELECTIVE INHIBITION	61	112.887	6.3	1.13
Other Dry Chemistry	43	100.645	9.0	1.72
Vitros, Magnetic HDL	24	95.051	4.4	1.08
Vitros 5.1 FS Microtip assay	13	96.700	7.8	2.63



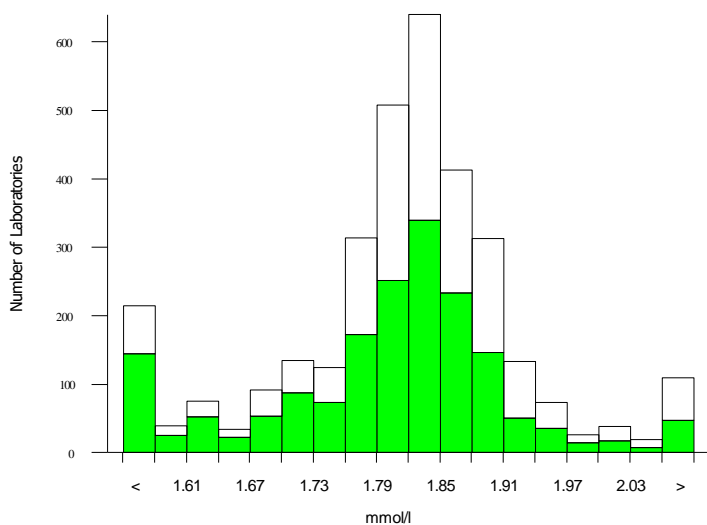
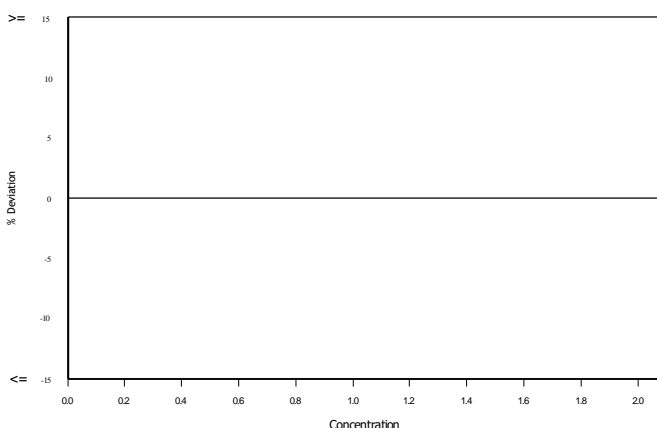
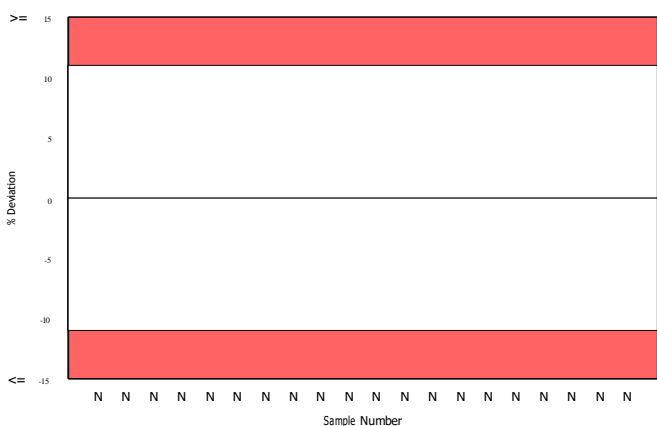
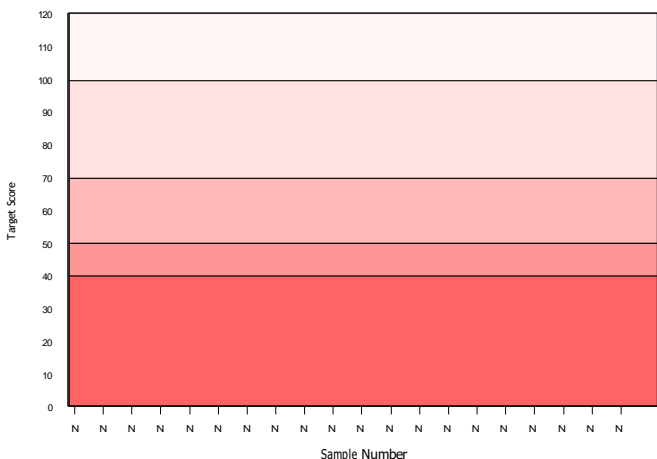
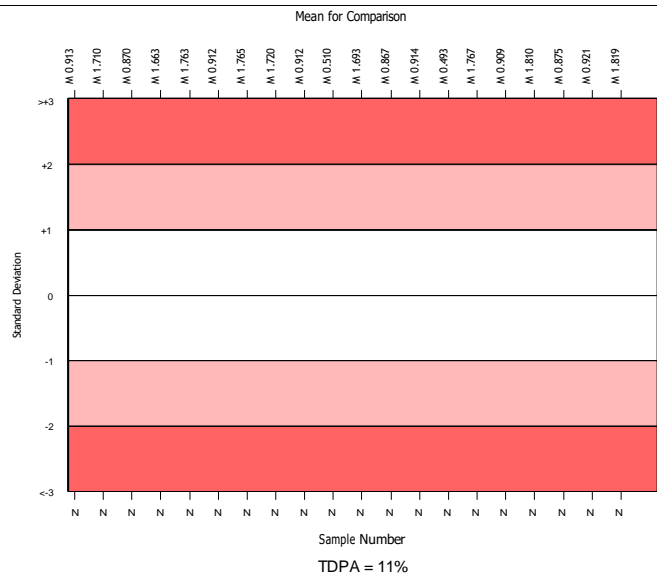
A ABC

Magnesium, mmol/l

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	2979	1.827	4.4	0.00	0.12	316
Xylidyl Blue	1585	1.819	4.5	0.00	0.12	183
Tulip Coralyzer 200	0					

▲ Your Result	No Result	SDI	RMSDI	Too Few
▲ Mean for Comparison	1.819	TS	RMTS	Too Few
		%DEV	RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	11.00 %



Method	N	Mean	CV%	U _m
Xylidyl Blue	1585	1.819	4.5	0.00
Enzymatic	338	1.847	3.1	0.00
Chlorphosphonazo III	313	1.831	2.6	0.00
Methylthymol blue	225	1.851	3.6	0.01
Ortho Vitros MicroSlide Systems	176	1.857	3.0	0.01
Calmagite	124	1.748	7.4	0.01
Arsenazo	84	1.824	3.5	0.01
Atomic absorption	52	1.823	2.6	0.01
Agappe - XYLIDYL BLUE	29	1.670	24.4	0.09
Other Dry Chemistry	20	2.036	7.8	0.04
Other magnesium dyes	7	1.747	9.5	0.08

A

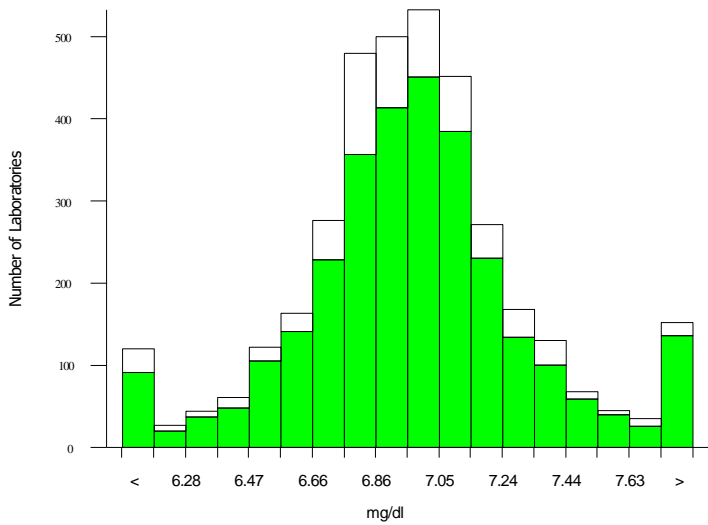
ABC

Phosphate, Inorganic, mg/dl

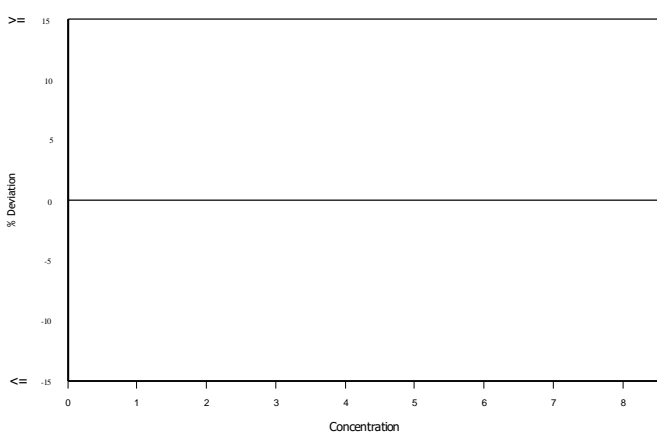
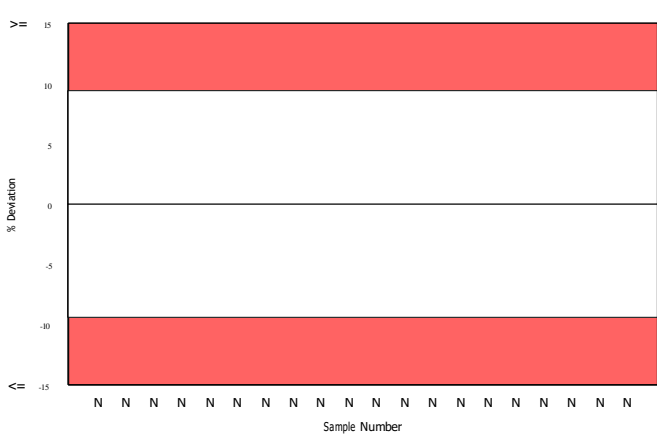
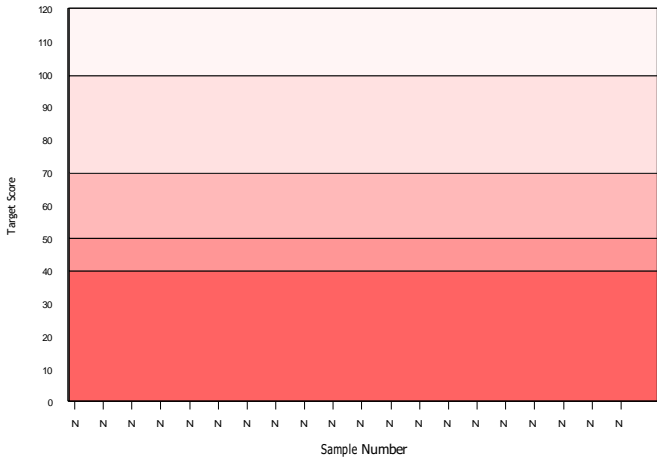
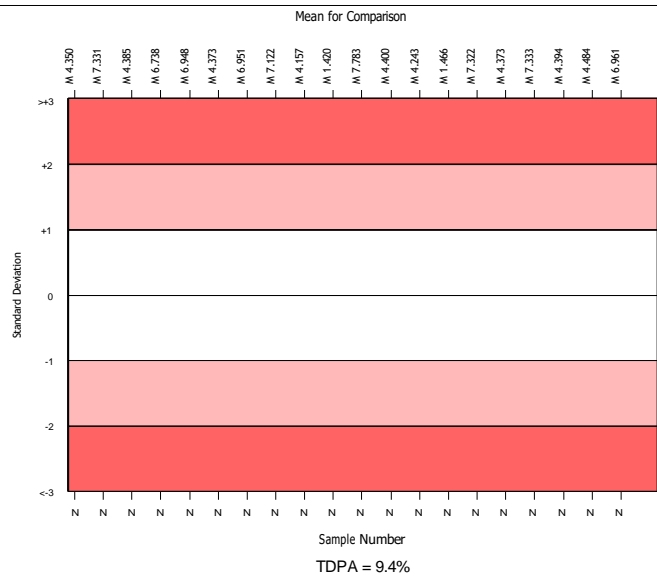
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	3319	6.959	3.7	0.01	0.40	325
Phosphomolybdate UV	2732	6.961	3.7	0.01	0.40	267
Tulip Coralyzer 200	0					

▲ Your Result	No Result	SDI	RMSDI	Too Few
▲ Mean for Comparison	6.961	TS	RMTS	Too Few
		%DEV	RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	9.40 %



Method	N	Mean	CV%	U _m
Phosphomolybdate UV	2732	6.961	3.7	0.01
Phosphomolybdate enzymatic	294	6.922	3.3	0.02
Ortho Vitros MicroSlide Systems	189	6.928	3.4	0.02
Beckman PHOSm kit (365nm)	43	7.015	3.7	0.05
Agappe - PHOSPHOMOLYBDATE	36	7.158	4.1	0.06
Other Dry Chemistry	12	7.291	7.3	0.19
Other methods, no protein ppt	6	6.987	3.1	0.11
Vitros, DT60/DT60 II/DTSC II	2	7.056	4.9	0.31
Other methods, with protein ppt	2	7.406	1.6	0.11



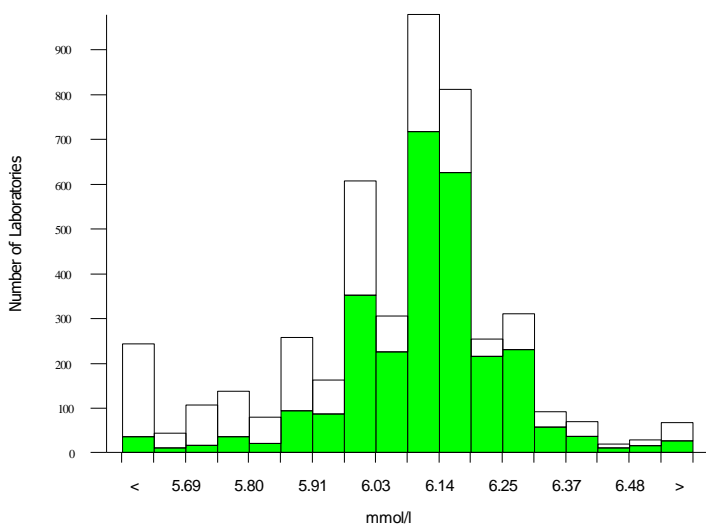
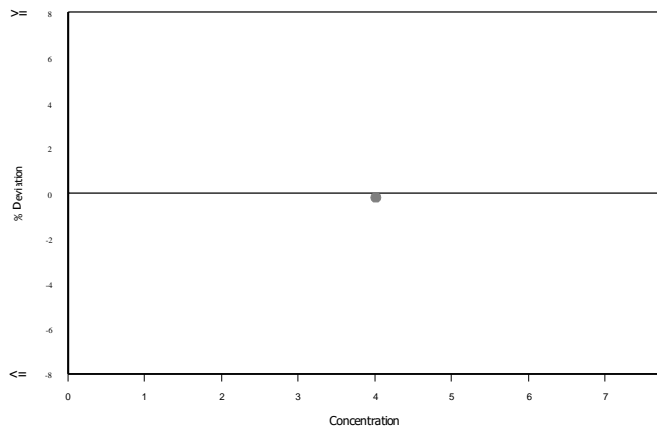
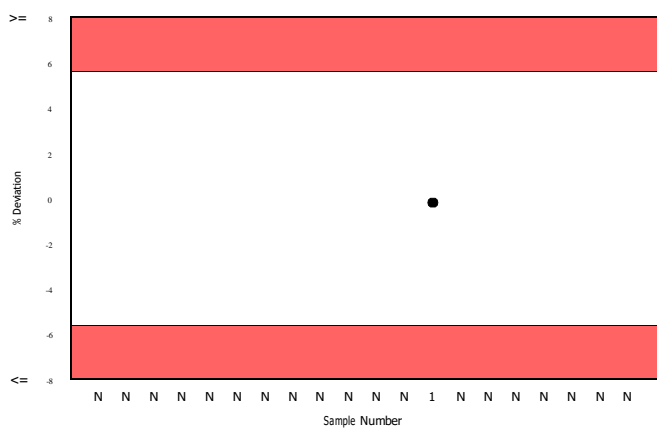
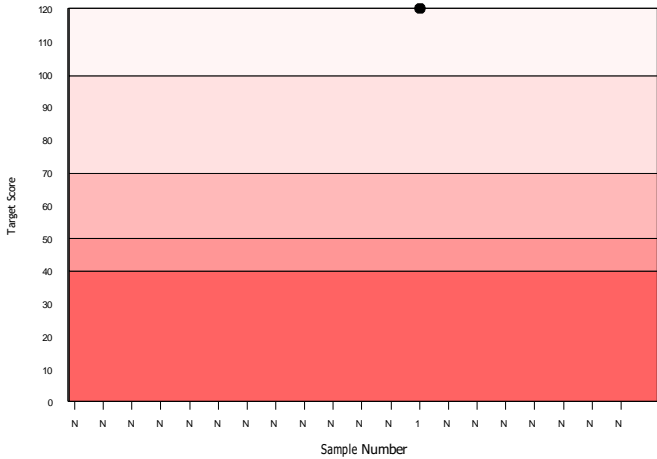
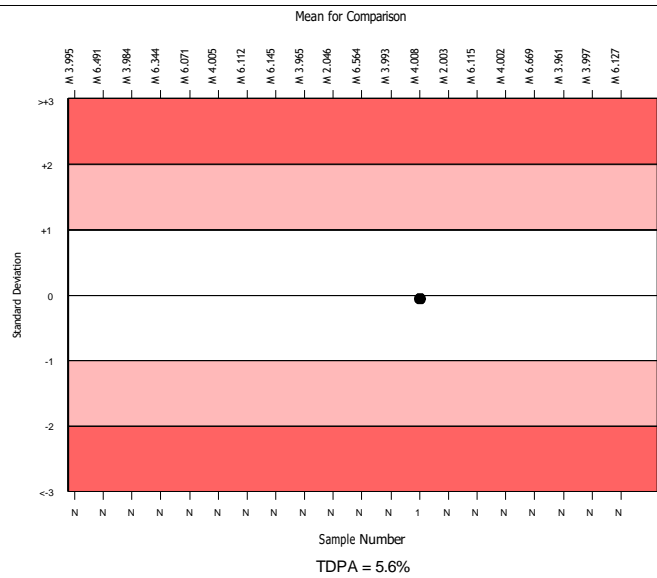
A ABC

Potassium, mmol/l

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	4217	6.089	2.5	0.00	0.21	350
ISE method - indirect	2616	6.127	1.7	0.00	0.21	186
Tulip Coralyzer 200	0					

▲ Your Result	No Result	SDI	RMSDI	Too Few
▲ Mean for Comparison	6.127	TS	RMTS	Too Few
		%DEV	RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	5.60 %



Method	N	Mean	CV%	U _m
ISE method - indirect	2616	6.127	1.7	0.00
ISE method - direct	1304	5.997	3.6	0.01
Ortho Vitros MicroSlide Systems	176	6.058	1.9	0.01
Colorimetric	56	5.722	5.3	0.05
Other Dry Chemistry	23	6.065	1.2	0.02
Agappe - ISE DIRECT	14	6.060	1.5	0.03
Flame photometry	15	5.830	5.5	0.10
Enzymatic	12	6.007	8.6	0.19
Turbidimetric	7	5.823	4.0	0.11
Optical Fluorescence	6	6.183	3.1	0.10
Vitros, DT60/DT60 II/DTE II	5	6.060	3.6	0.12

A

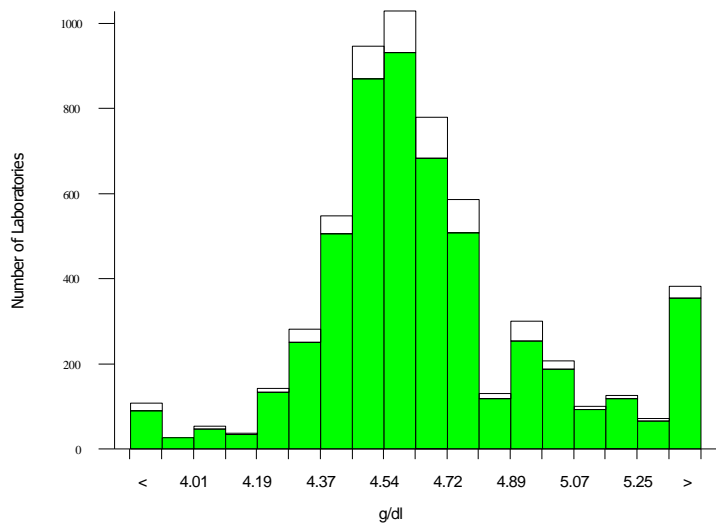
ABC

Protein, Total, g/dl

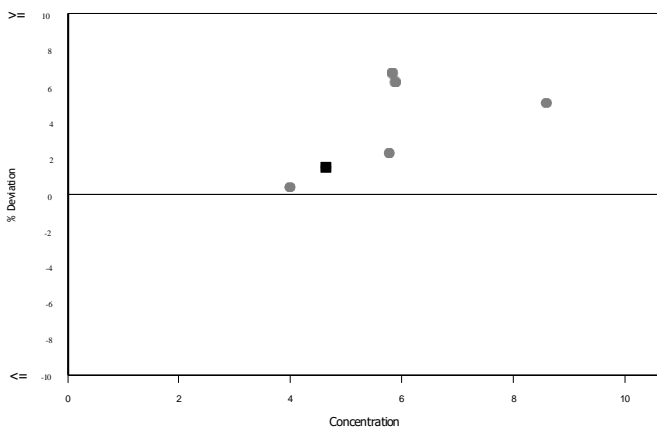
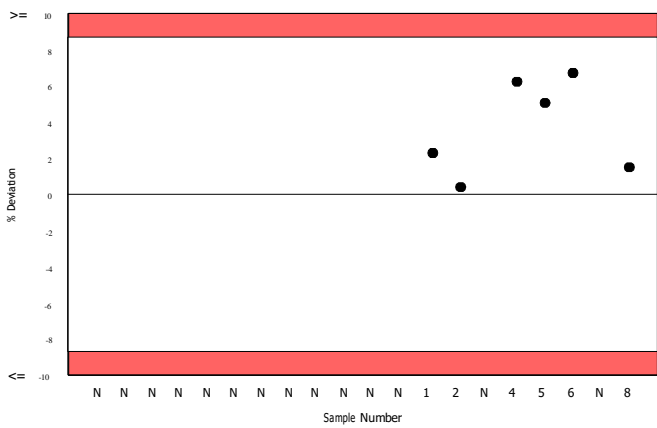
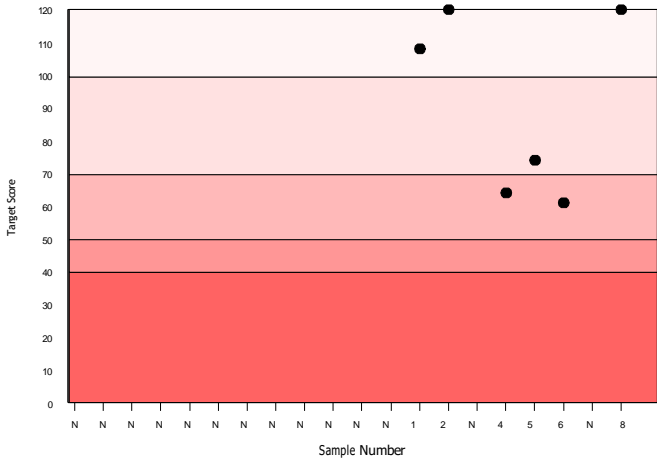
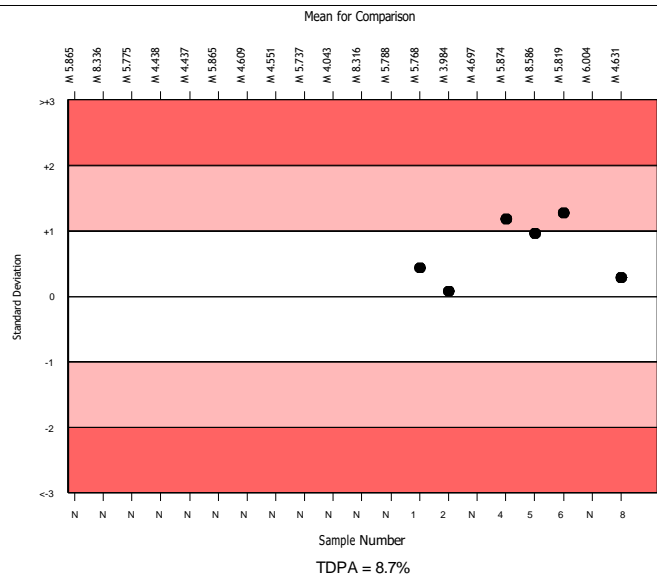
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	5334	4.635	5.1	0.00	0.25	514
Biuret reaction, end point	4812	4.631	5.2	0.00	0.24	450
Tulip Coralyzer 200	2	4.950	7.1	0.31	0.41a	0

▲ Your Result	4.700	SDI	0.28
		RMSDI	Too Few
■ Mean for Comparison	4.631	TS	120
		RMST	Too Few
		%DEV	1.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	8.70 %



Method	N	Mean	CV%	U _m
Biuret reaction, end point	4812	4.631	5.2	0.00
Ortho Vitros MicroSlide Systems	219	4.694	3.3	0.01
Biuret reaction, kinetic	162	4.534	3.8	0.02
Agappe - BIURET	59	4.898	6.2	0.05
Biuret reaction, CX4/5/7	40	4.483	2.9	0.03
Other Dry Chemistry	38	4.768	2.9	0.03
Vitros, DT60/DT60 II	3	4.880	0.7	0.02
Refractometry	2	4.553	3.7	0.15



A

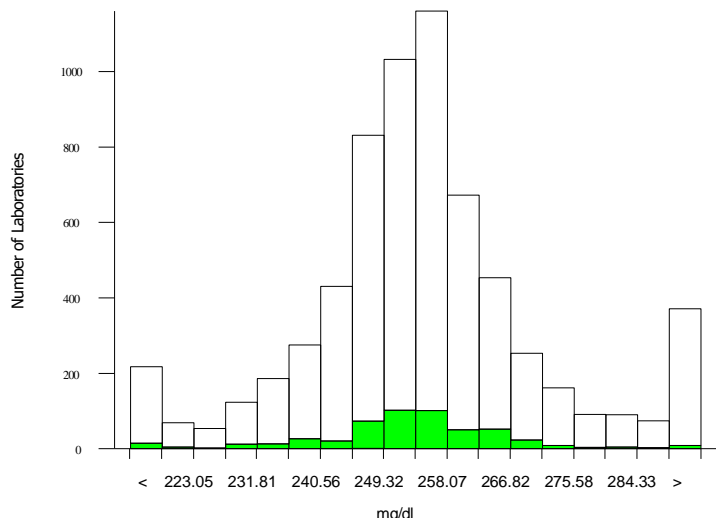
ABC

Trig Total, mg/dl

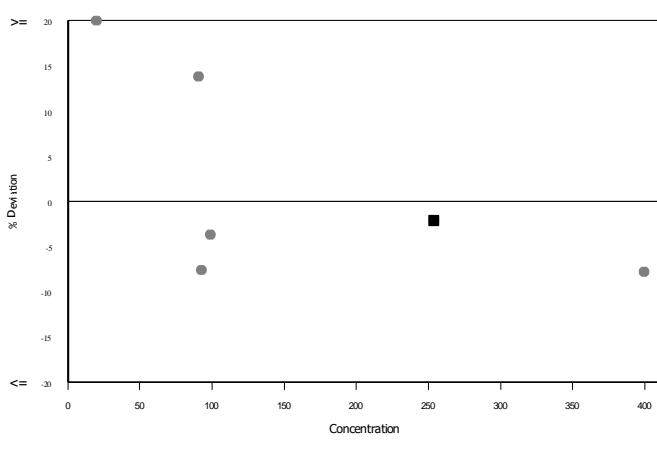
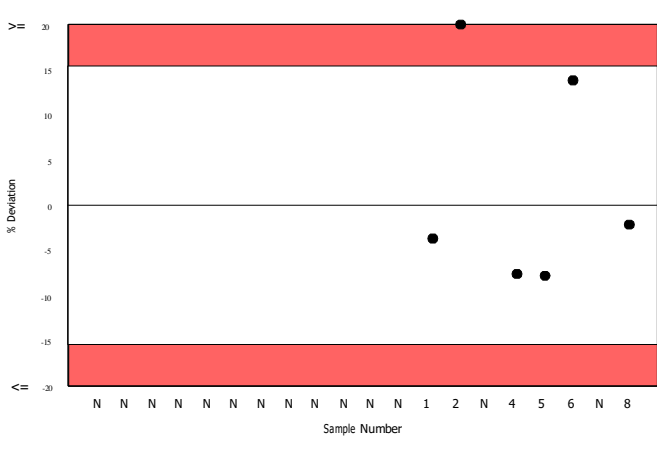
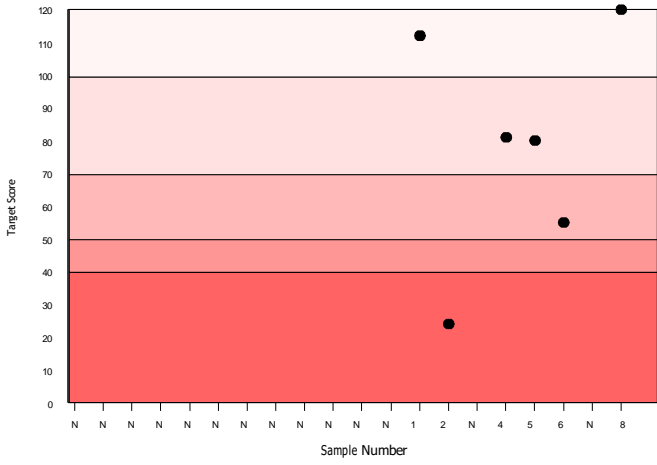
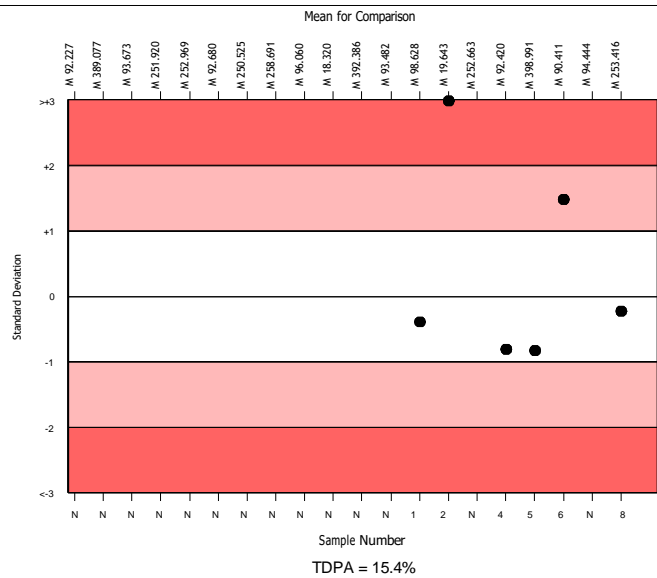
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	5928	253.697	4.6	0.19	23.75	613
Lipase/GK UV. no correction	487	253.416	3.7	0.53	23.73	40
Tulip Coralyzer 200	1	248.000	0.0	0.00	N/A	0

▲ Your Result	248.000	SDI	-0.23
		RMSDI	Too Few
■ Mean for Comparison	253.416	TS	120
		RMST	Too Few
		%DEV	-2.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.40 %



Method	N	Mean	CV%	U _m
Lipase/GPO-PAP no correction	4373	253.041	4.1	0.19
Lipase/GK UV. no correction	487	253.416	3.7	0.53
Lipase/Glycerol Dehydrogenase	341	254.023	3.9	0.67
Lipase/GPO-PAP, 0.11 mmol/l correction	281	253.215	4.3	0.81
Ortho Vitros MicroSlide Systems	221	292.112	3.0	0.74
Lipase/GK UV., 0.11 mmol/l correction	87	254.486	4.0	1.35
Agappe - GPO - TOPS	74	248.478	6.1	2.19
Siemens Dimension	66	252.787	2.8	1.08
Other Dry Chemistry	31	316.448	6.4	4.54
Vitros DT60/DT60 II/DTSC II	4	292.730	1.9	3.50



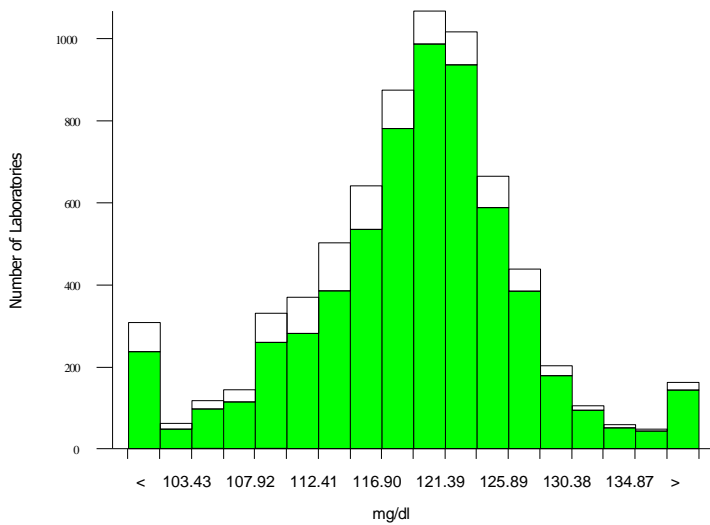
A ABC

Urea, mg/dl

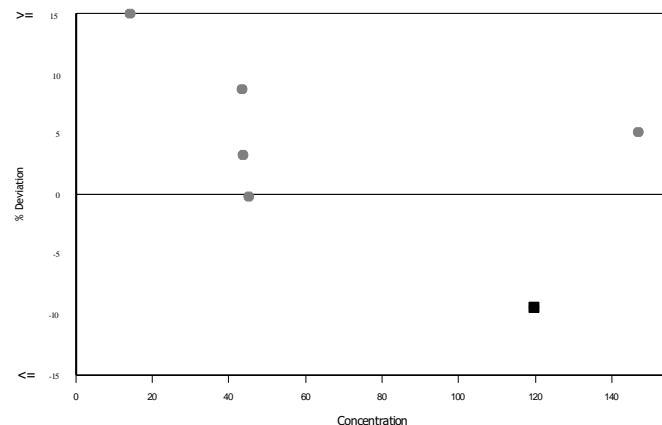
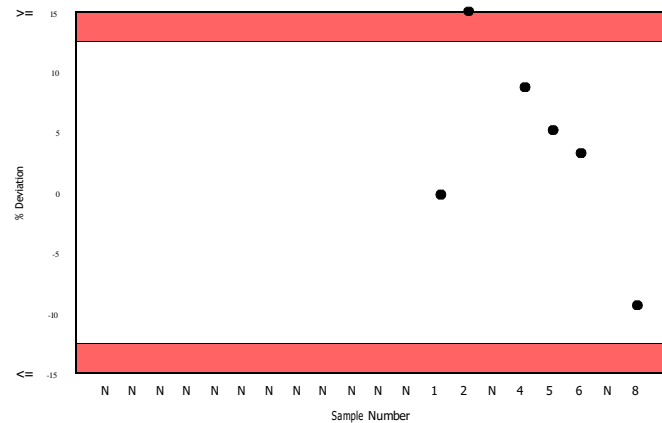
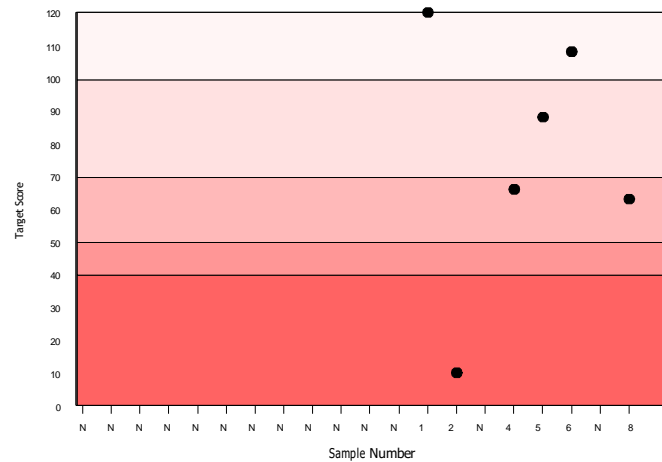
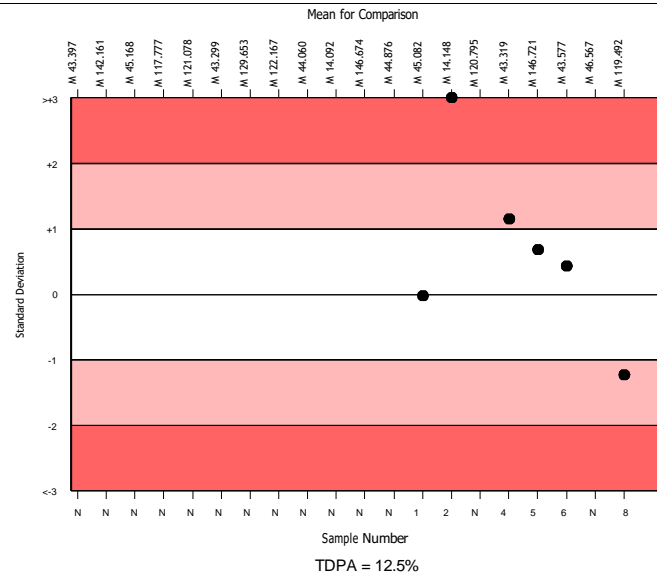
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6529	119.153	5.0	0.09	9.05	584
Urease, kinetic	5630	119.492	4.8	0.10	9.08	512
Tulip Coralyzer 200	2	106.650	2.2	2.06	8.10	0

▲ Your Result	108.300	SDI	-1.23
		RMSDI	Too Few
■ Mean for Comparison	119.492	TS	63
		RMTS	Too Few
		%DEV	-9.4
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U _m
Urease, kinetic	5630	119.492	4.8	0.10
Urease, end point	385	119.516	5.1	0.39
Ortho Vitros MicroSlide Systems	226	112.513	3.2	0.30
Urease, hypochlorite	97	114.064	6.2	0.90
Agappe - UREASE GLDH	61	114.791	7.6	1.40
Other Dry Chemistry	43	124.445	3.2	0.75
Beckman - Conductivity	30	118.749	3.8	1.04
Agappe - BERTHELOT	12	120.003	3.7	1.59
Vitros DT60/DT60 II	6	115.558	4.2	2.50
Diacetyl monoxime	3	111.177	9.3	7.47
O-Phthalaldehyde	4	119.375	3.1	2.28



A

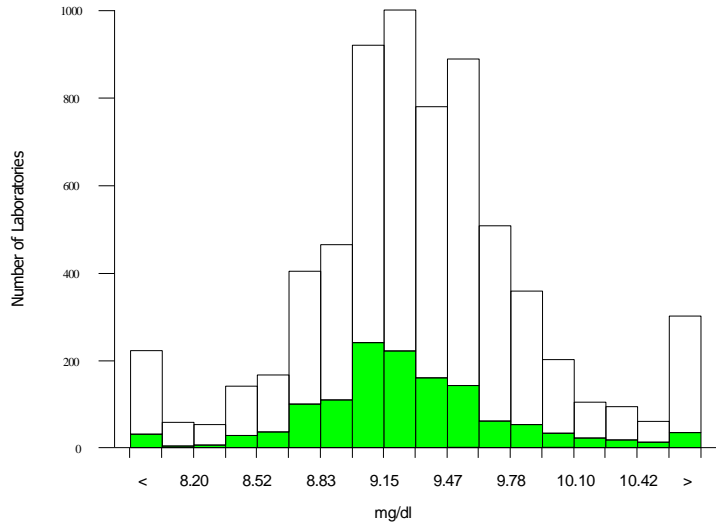
ABC

Uric Acid (Urate), mg/dl

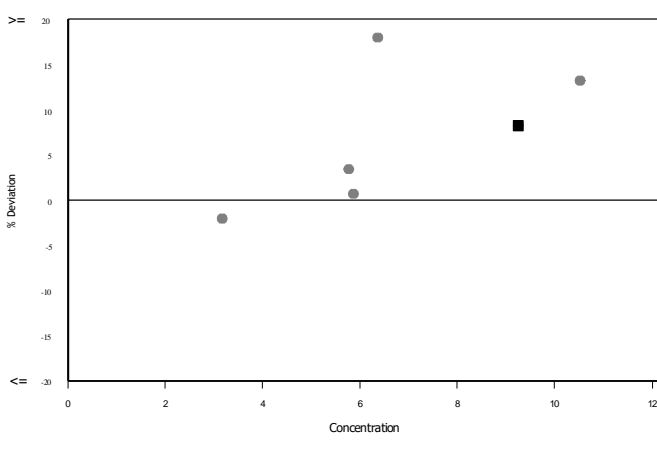
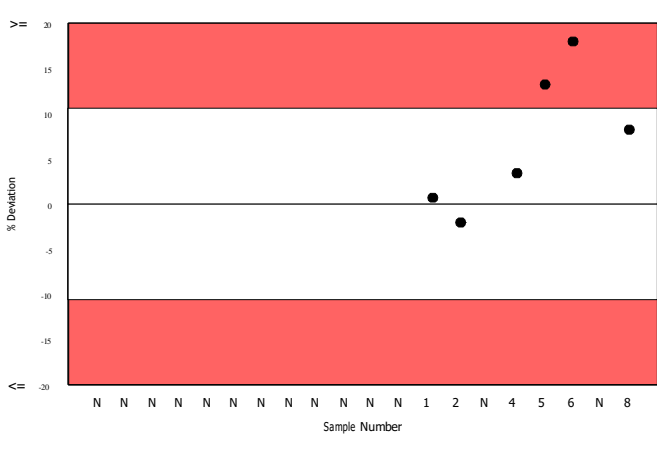
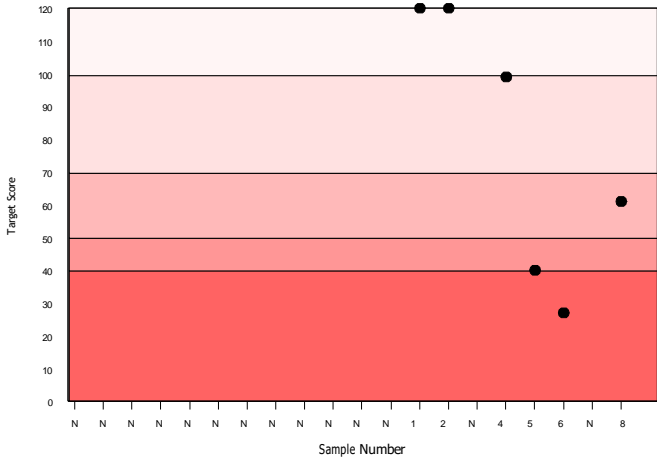
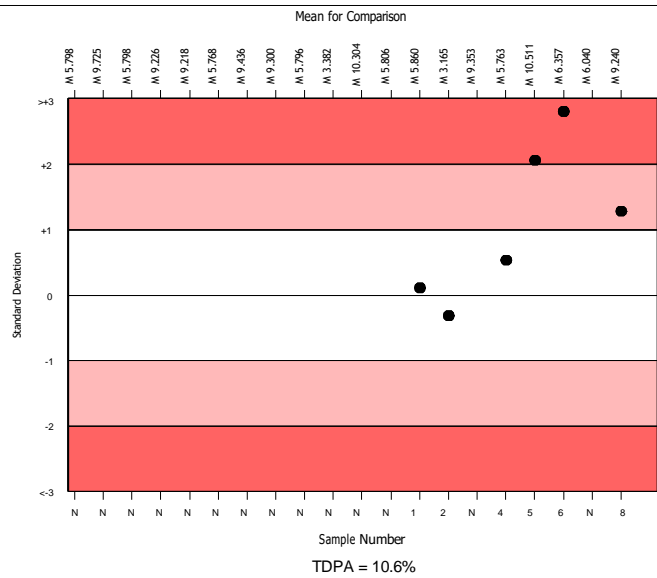
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6136	9.313	4.5	0.01	0.60	586
Uricase Perox. with ascorb. ox @ 546nm	1208	9.240	4.0	0.01	0.59	105
Tulip Coralyzer 200	2	9.750	3.6	0.31	0.70a	0

▲ Your Result	10.000	SDI	1.28
		RMSDI	Too Few
■ Mean for Comparison	9.240	TS	61
		RMTS	Too Few
		%DEV	8.2
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	10.60 %



Method	N	Mean	CV%	U _m
Uricase perox. no ascorb. ox.	2531	9.316	5.0	0.01
Uricase Perox. with ascorb. ox	1728	9.393	3.9	0.01
Uricase Perox. with ascorb. ox @ 546nm	1208	9.240	4.0	0.01
Ortho Vitros MicroSlide Systems	230	8.816	2.5	0.02
Uricase @ 293 nm	188	9.258	2.1	0.02
Uricase, catalase 340nm.	105	9.268	2.5	0.03
Agappe - URICASE - PAP	44	9.924	4.7	0.09
Agappe - URICASE - TOPS	24	9.344	8.2	0.19
Other Dry Chemistry	23	10.114	2.2	0.06
Reduction methods	12	9.563	3.0	0.11
Vitros DT60/DT60 II	6	9.395	9.0	0.43



A ABC

Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
Albumin	2.968	3.050	0.51	Too Few	2.8	Too Few	101	Too Few	
Alkaline Phosphatase	354.034	368.000	0.35	Too Few	3.9	Too Few	117	Too Few	
ALT (GPT)	149.348	155.000	0.41	Too Few	3.8	Too Few	110	Too Few	
AST (GOT)	154.253	152.000	-0.16	Too Few	-1.5	Too Few	120	Too Few	
Bilirubin, Direct	1.577	1.900	1.30	Too Few	20.4	Too Few	60	Too Few	
Bilirubin, Total	4.794	5.280	1.05	Too Few	10.1	Too Few	70	Too Few	
Calcium	12.360	12.100	-0.42	Too Few	-2.1	Too Few	110	Too Few	
Chloride	112.942	No Result		Too Few		Too Few		Too Few	
Cholesterol	293.035	297.000	0.26	Too Few	1.4	Too Few	120	Too Few	
Creatinine	4.008	3.980	-0.09	Too Few	-0.7	Too Few	120	Too Few	
Glucose	276.748	286.000	0.65	Too Few	3.3	Too Few	90	Too Few	
HDL-Cholesterol	98.383	83.200	-1.20	Too Few	-15.4	Too Few	64	Too Few	
Magnesium	1.819	No Result		Too Few		Too Few		Too Few	
Phosphate, Inorganic	6.961	No Result		Too Few		Too Few		Too Few	
Potassium	6.127	No Result		Too Few		Too Few		Too Few	
Protein, Total	4.631	4.700	0.28	Too Few	1.5	Too Few	120	Too Few	
Trig Total	253.416	248.000	-0.23	Too Few	-2.1	Too Few	120	Too Few	
Urea	119.492	108.300	-1.23	Too Few	-9.4	Too Few	63	Too Few	
Uric Acid (Urate)	9.240	10.000	1.28	Too Few	8.2	Too Few	61	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

