Central Lab

MONTHLY CLINICAL CHEMISTRY

CYCLE 16 SAMPLE 8

Explanation of codes used in this report

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

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RIQAS

UKAS PROFICIENCY TESTING
0010

ALT (GPT), U/l @ 37°C

	N	Mean	CV%	U_m	SDPA	Exc.
All Methods	5427	37.108	10.1	0.06	3.27	391
Tris buffer without P5P	4191	36.302	9.1	0.06	3.20	344
Fortuchem Series	2	28.000	0.0	0.00	2.47	0

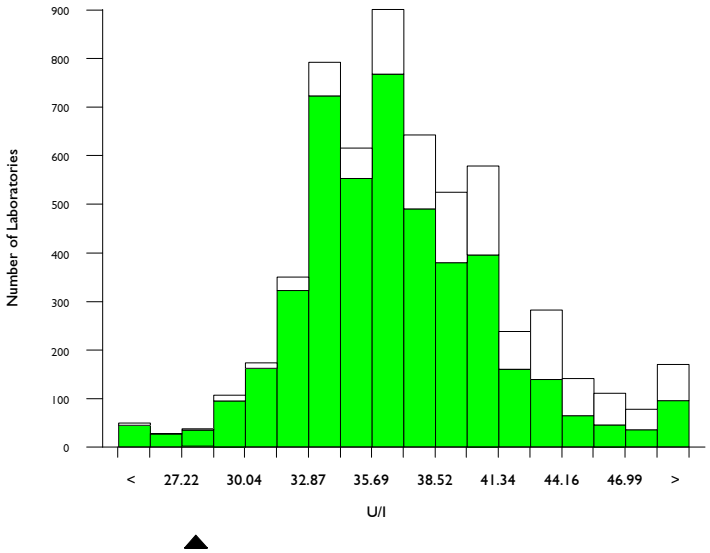
▲ Your Result	28.000	SDI	-2.59
		RMSDI	Too Few
Mean for Comparison	36.302	TS	30
		RMTS	Too Few
		%DEV	-22.9
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation 27.48%

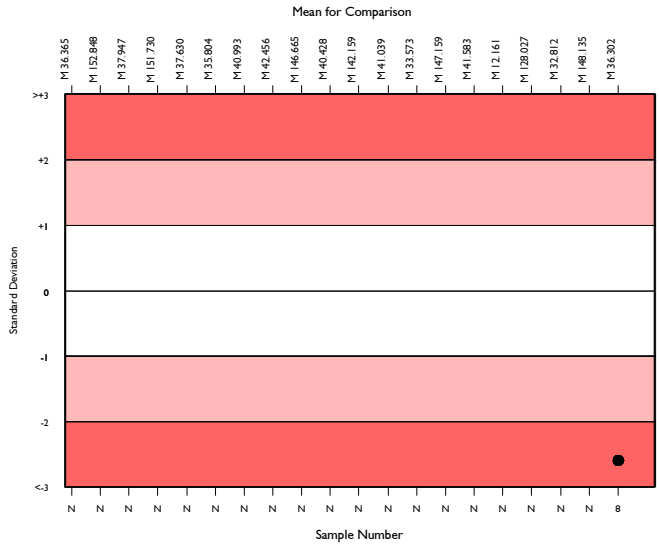
Acceptable limits of performance for RIQAS 14.50%

SDI in bottom 5% of peer group

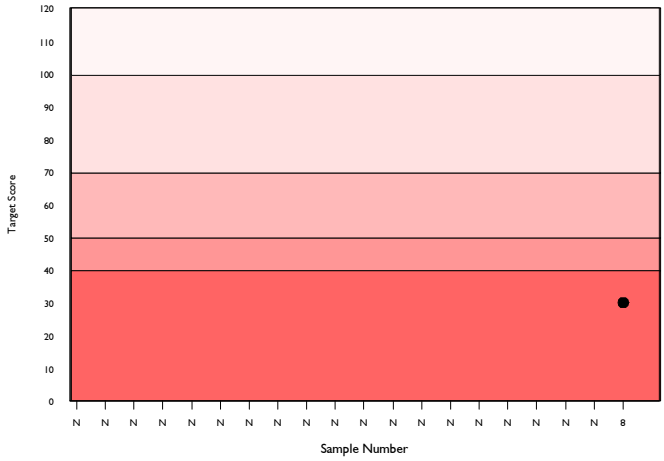
TS & %DEV outside limits

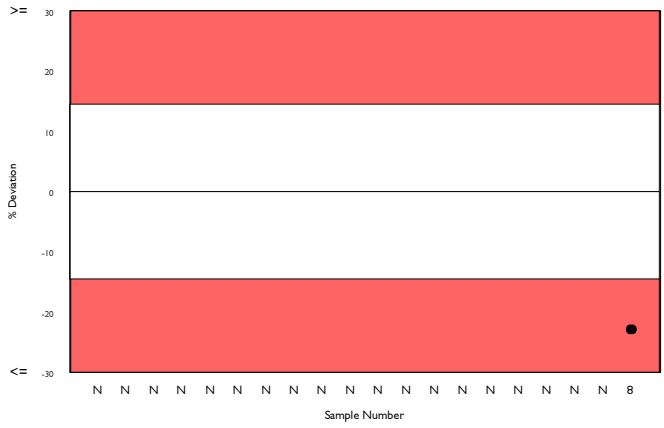


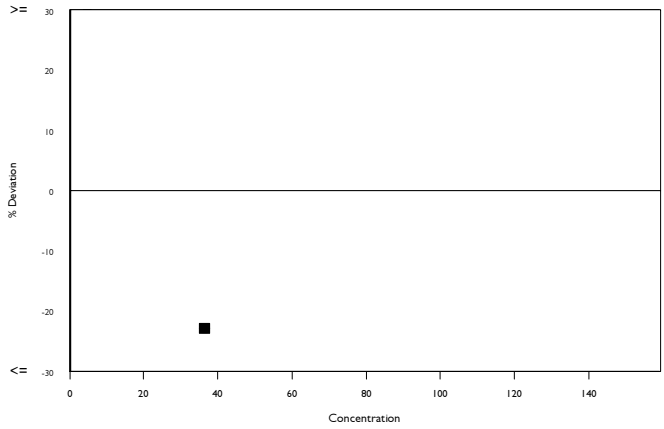
Method	N	Mean	CV%	U_m
Tris buffer without P5P	4191	36.302	9.1	0.06
Tris buffer with P5P	375	40.401	11.2	0.29
Beckman Mod. IFCC Ref. without P5P	304	38.653	5.6	0.16
Siemens/Dade standard nonIFCC correlated	153	43.759	5.2	0.23
Ortho Vitros MicroSlide Systems	145	42.699	11.6	0.51
Colorimetric	37	36.400	11.4	0.85
Agappe - IFCC	32	39.502	11.2	0.98
Ortho Vitros MicroSlide visible	31	38.937	3.8	0.33
Other Dry Chemistry	25	36.098	10.2	0.92
Phosphate buffer, DGKC	23	38.559	8.4	0.84
Tris buffer, SCE	23	36.558	9.0	0.86
Beckman IFCC Ref. with P5P	21	38.530	8.3	0.88
Tris buffer with P5P, NVKC	20	36.863	10.8	1.11
Beckman (Extinction Coefficient)	5	38.840	7.6	1.66
Vitros DT60/DT60 II/DTSC II	2	43.500	1.6	0.62



TDPA = 14.5%







RIQAS

UKAS PROFICIENCY TESTING 0010

AST (GOT), U/l @ 37°C

	N	Mean	CV%	U_m	SDPA	Exc.
All Methods	5240	38.626	11.1	0.07	3.24	541
Tris buffer without P5P	4221	37.668	8.3	0.06	3.16	349
Fortuchem Series	2	51.100	0.3	0.12	4.29	0

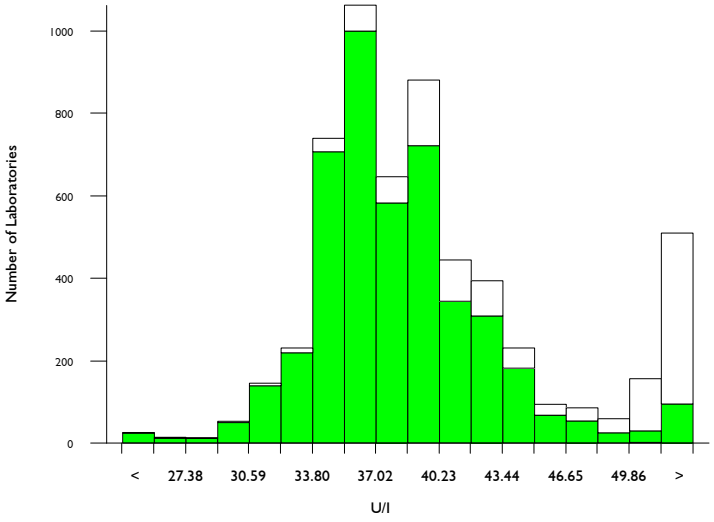
▲ Your Result	51.000	SDI	4.22
		RMSDI	Too Few
Mean for Comparison	37.668	TS	10
		RMTS	Too Few
		%DEV	35.4
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation 16.69%

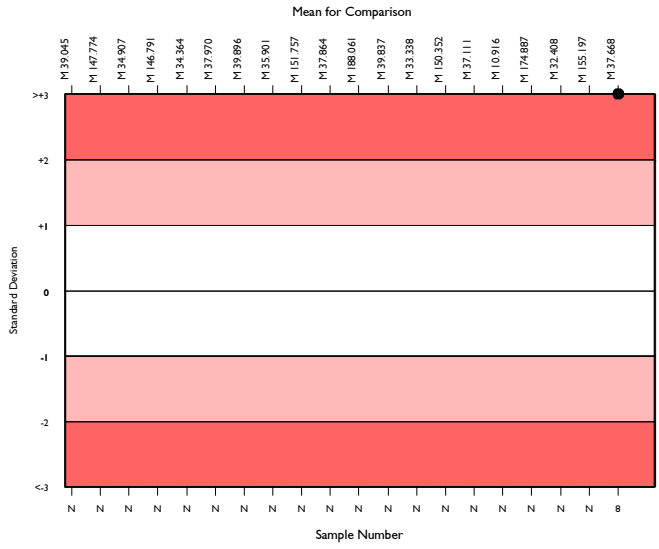
Acceptable limits of performance for RIQAS 13.80%

SDI in bottom 5% of peer group

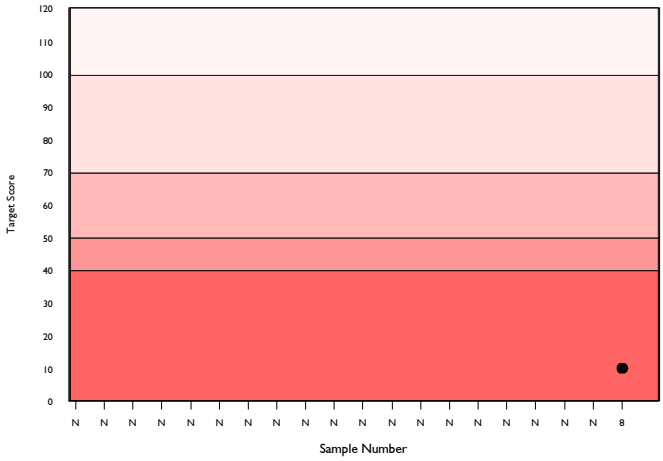
TS & %DEV outside limits

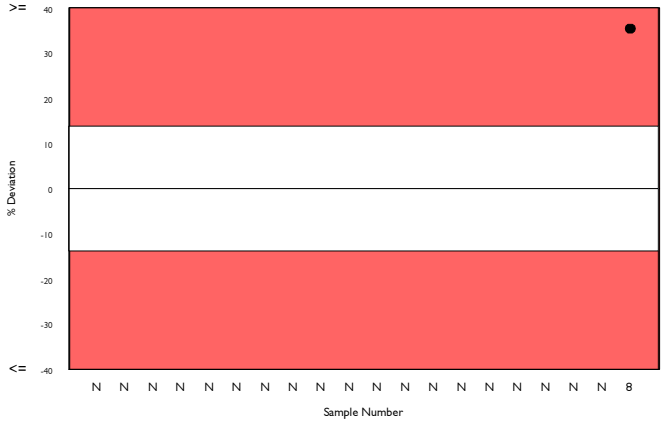


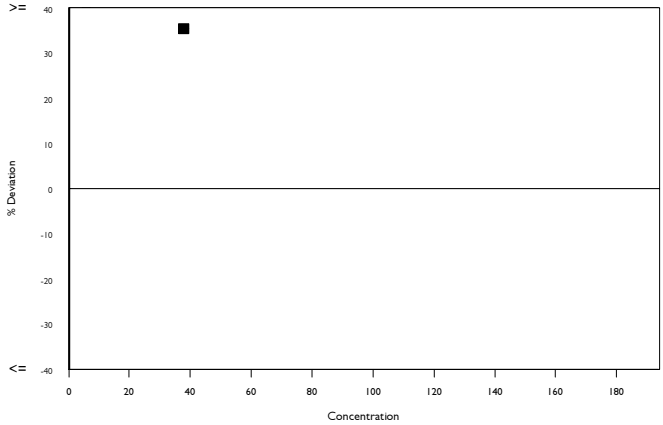
Method	N	Mean	CV%	U_m
Tris buffer without P5P	4221	37.668	8.3	0.06
Beckman Mod. IFCC Ref. without P5P	316	40.274	4.7	0.13
Tris buffer with P5P	292	50.692	11.0	0.41
Ortho Vitros MicroSlide visible	166	53.000	3.5	0.18
Siemens/Dade standard non IFCC corr.	154	51.901	6.3	0.33
Colorimetric	36	39.130	8.4	0.69
Agappe - IFCC	33	44.280	12.6	1.22
Other Dry Chemistry	25	38.284	13.2	1.27
Phosphate buffer, DGKC	26	40.023	11.3	1.11
Tris buffer, SCE	22	38.835	6.7	0.70
Tris buffer with P5P, NVKC	21	37.600	6.8	0.70
Beckman IFCC Ref. with P5P	6	53.033	2.9	0.80
Beckman (Extinction Coefficient)	6	38.517	10.2	2.00
Vitros DT60/DT60 II/DTSC II	2	41.500	29.0	10.62



TDPA = 13.8%







RIQAS

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Cholesterol, mg/dl

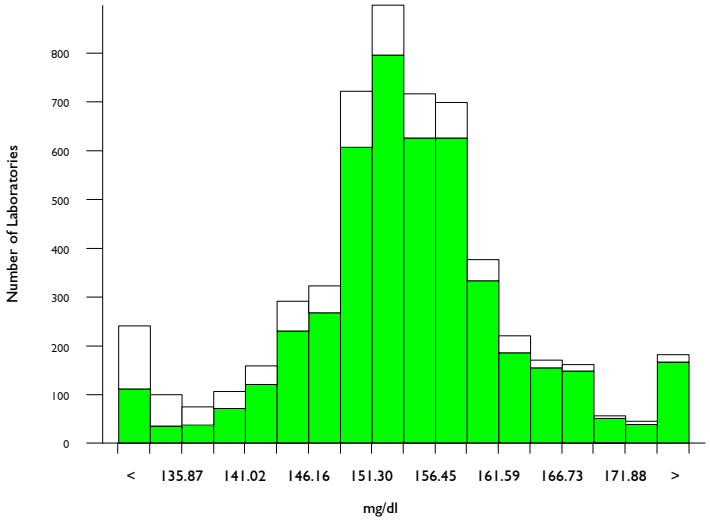
	N	Mean	CV%	U_m	SDPA	Exc.
All Methods	4988	153.879	4.5	0.12	8.79	543
Cholesterol Oxidase - Abell Kendall	4189	154.420	4.1	0.12	8.82	408
Genius GE Series	1	171.000	0.0	0.00	N/A	0

▲ Your Result	171.000	SDI	1.88
		RMSDI	Too Few
Mean for Comparison	154.420	TS	44
		RMTS	Too Few
		%DEV	10.7
		RM%DEV	Too Few

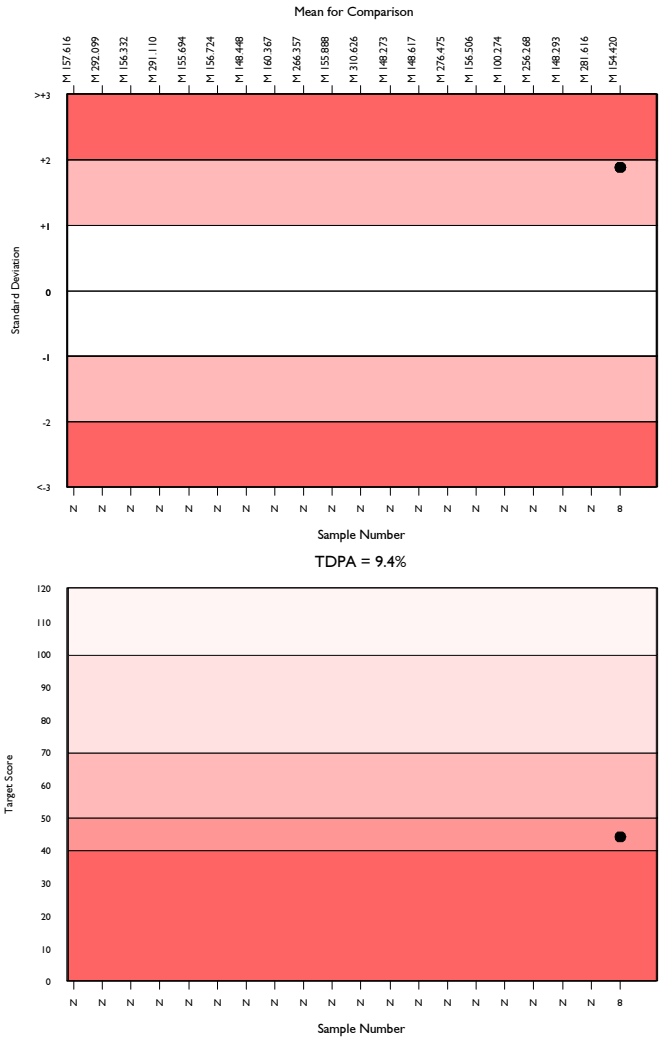
Acceptable limits derived from Biological Variation 9.01%

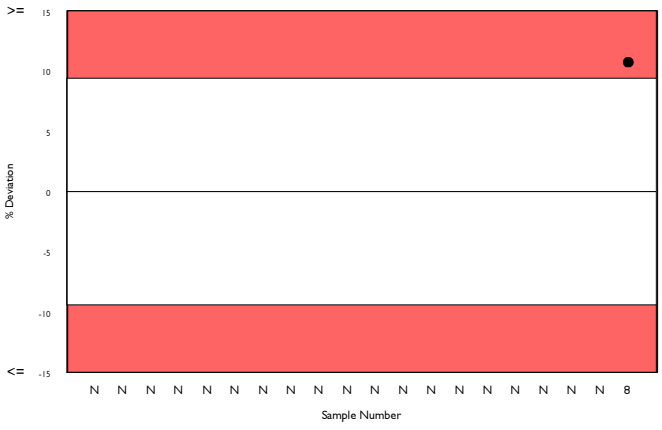
Acceptable limits of performance for RIQAS 9.40%

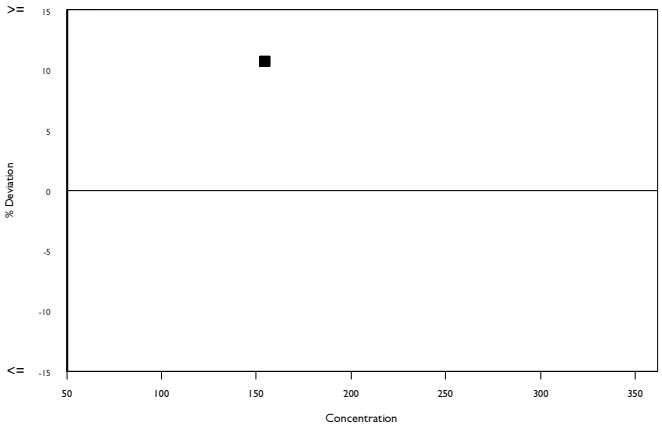
TS & %DEV outside limits



Method	N	Mean	CV%	U_m
Cholesterol Oxidase - Abell Kendall	4189	154.420	4.1	0.12
Cholesterol Oxidase - IDMS	379	154.525	3.7	0.37
Siemens Dimension	208	132.947	2.9	0.33
Ortho Vitros MicroSlide Systems	169	148.232	3.2	0.45
Cholesterol Dehydrogenase	40	155.987	4.6	1.43
Agappe - CHOD-PAP	31	149.923	6.1	2.03
Other Dry Chemistry	25	153.943	7.1	2.75
Dimension - non Siemens reagents	2	144.808	10.0	12.73
Vitros DT60/DT60 II/DTSC II	2	143.077	3.0	3.84







RIQAS

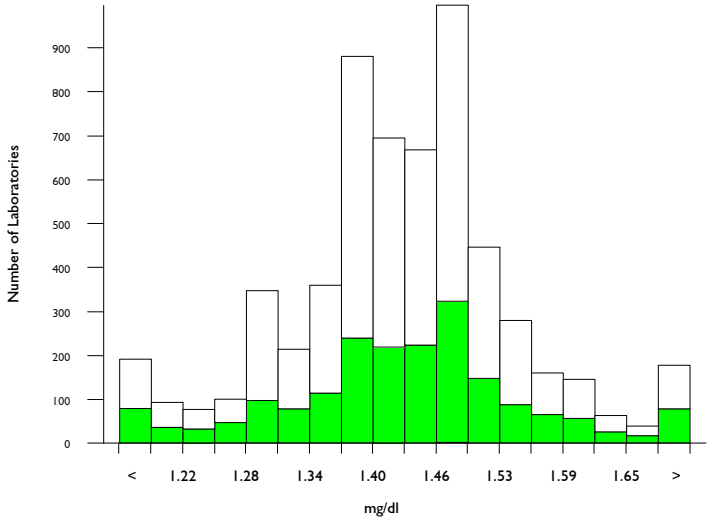
UKAS PROFICIENCY TESTING 0010

Creatinine, mg/dl

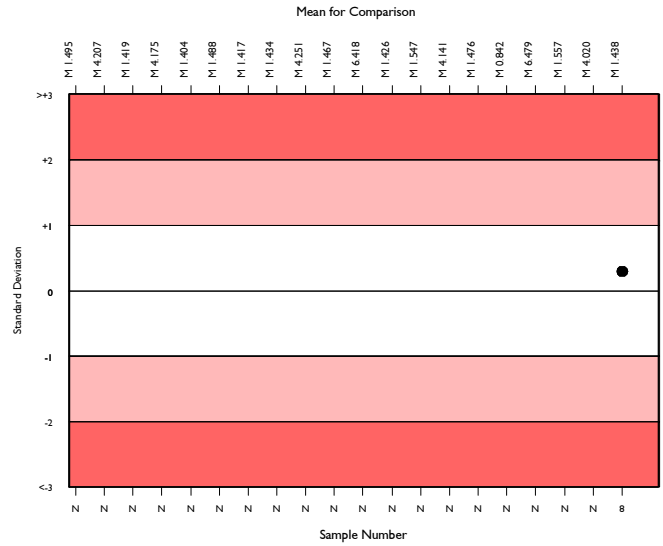
	N	Mean	CV%	U_m	SDPA	Exc.
All Methods	5415	1.438	5.8	0.00	0.11	513
Alkaline picrate no deproteinisation	1800	1.438	6.5	0.00	0.11	164
Fortuchem Series	2	1.470	0.0	0.00	0.11	0

▲ Your Result	1.470	SDI	0.29
		RMSDI	Too Few
Mean for Comparison	1.438	TS	120
		RMTS	Too Few
		%DEV	2.2
		RM%DEV	Too Few

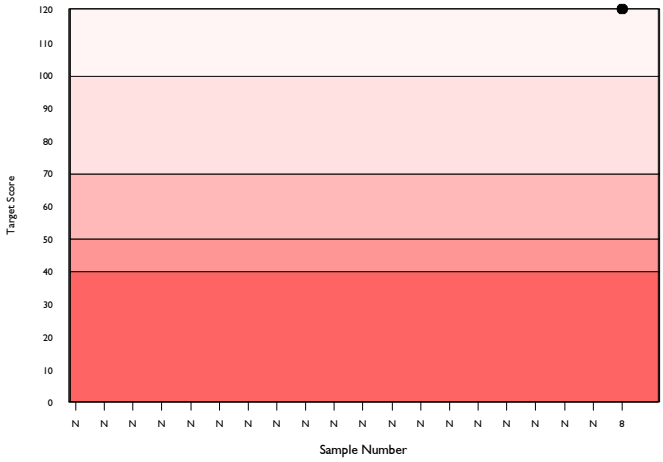
Acceptable limits derived from Biological Variation	8.87%
Acceptable limits of performance for RIQAS	12.40%

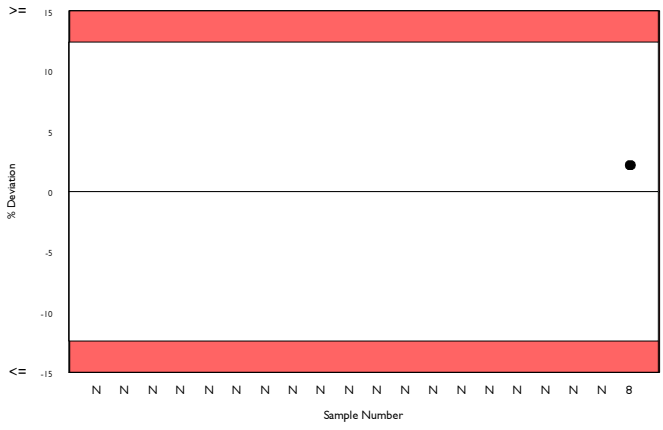


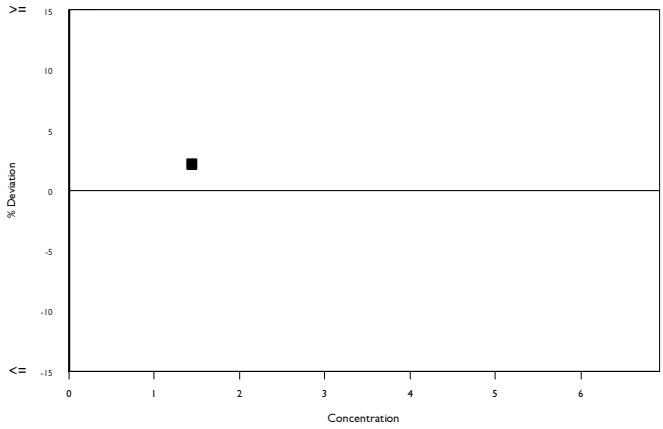
Method	N	Mean	CV%	U_m
Alkaline picrate no deproteinisation	1800	1.438	6.5	0.00
Jaffe rate blanked	1251	1.441	5.8	0.00
Jaffe rate blanked comp. (-26umol/l)	510	1.453	4.9	0.00
Jaffe rate comp. (-18umol/l)	457	1.389	5.2	0.00
Roche Creatinine Plus	237	1.487	3.5	0.00
Enzymatic UV method (340nm)	219	1.451	5.0	0.01
Creatinine PAP method	208	1.451	4.7	0.01
IDMS traceable	174	1.442	4.4	0.01
Vitros, IDMS traceable	145	1.380	3.0	0.00
Other enzymatic methods	119	1.454	3.4	0.01
Alkaline picrate with deproteinisation	104	1.443	5.6	0.01
Jaffe rate blanked comp. (-33umol/l)	85	1.428	7.0	0.01
Other Dry Chemistry	37	1.406	5.9	0.02
Agappe - JAFFE'S KINETIC	20	1.475	7.5	0.03
Agappe - ENZYMATIC	12	1.428	7.1	0.04
Vitros DT60/DT60 II/DTSC II	13	1.388	4.1	0.02



TDPA = 12.4%







RIQAS

UKAS PROFICIENCY TESTING 0010

Glucose, mg/dl

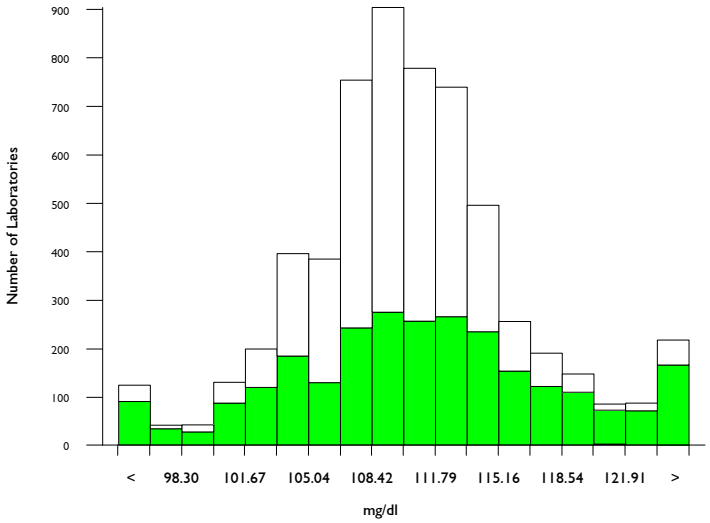
	N	Mean	CV%	U_m	SDPA	Exc.
All Methods	5489	110.108	4.1	0.08	5.69	474
Glucose oxidase	2442	110.884	5.6	0.16	5.73	191
Fortuchem Series	2	121.000	0.0	0.00	6.25	0

▲ Your Result	121.000	SDI	1.77
		RMSDI	Too Few
Mean for Comparison	110.884	TS	47
		RMTS	Too Few
		%DEV	9.1
		RM%DEV	Too Few

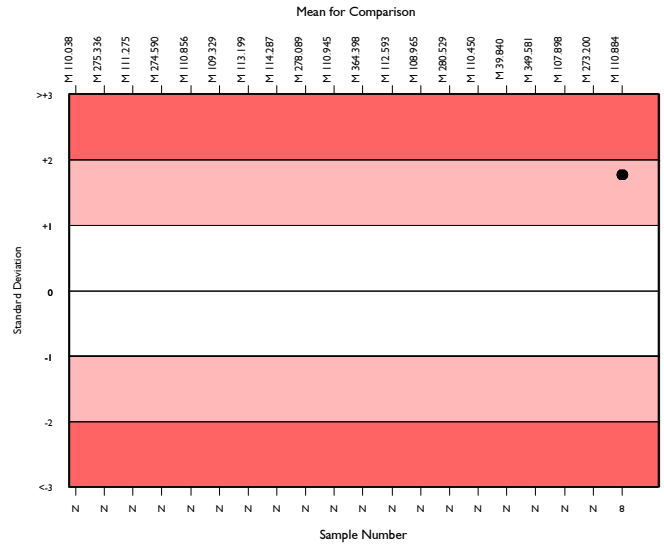
Acceptable limits derived from Biological Variation 6.96%

Acceptable limits of performance for RIQAS 8.50%

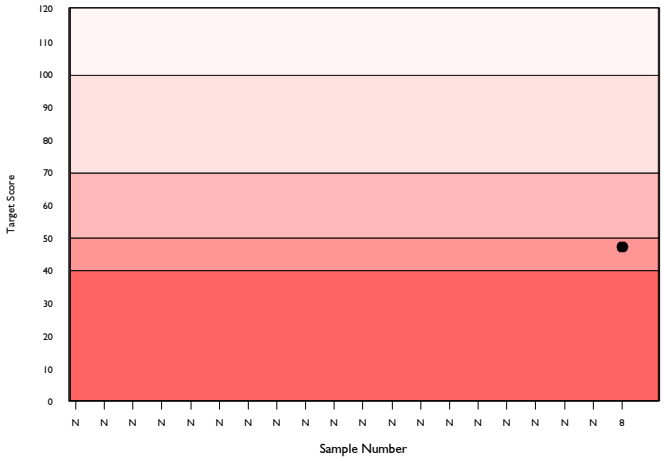
TS & %DEV outside limits

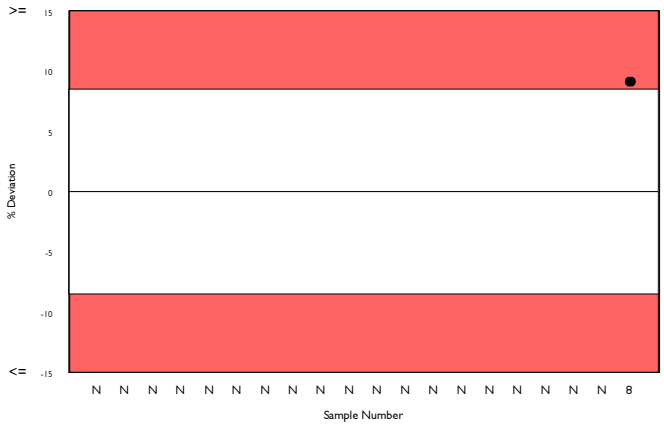


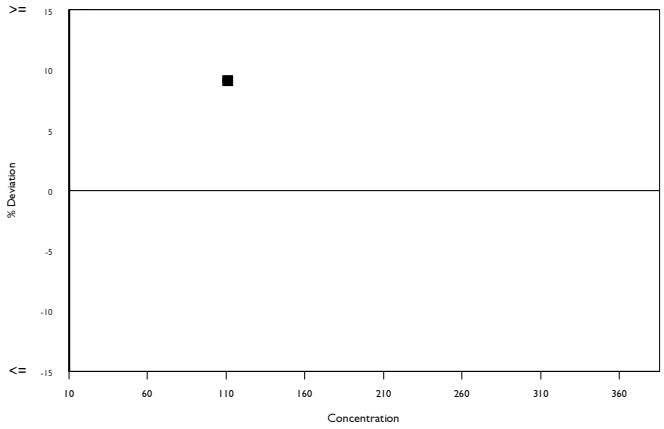
Method	N	Mean	CV%	U_m
Hexokinase	2728	109.892	2.8	0.07
Glucose oxidase	2442	110.884	5.6	0.16
Ortho Vitros MicroSlide Systems	166	107.222	2.7	0.28
Glucose dehydrogenase	64	110.646	4.7	0.82
Agappe - GOD-PAP	32	115.354	4.1	1.05
Oxygen electrode	30	109.451	3.0	0.74
Other Dry Chemistry	26	108.749	4.5	1.19
GOD/02-Beckman method	20	109.589	4.9	1.49
Vitros, DT60/DT60 II	2	106.464	3.3	3.08



TDPA = 8.5%







RIQAS

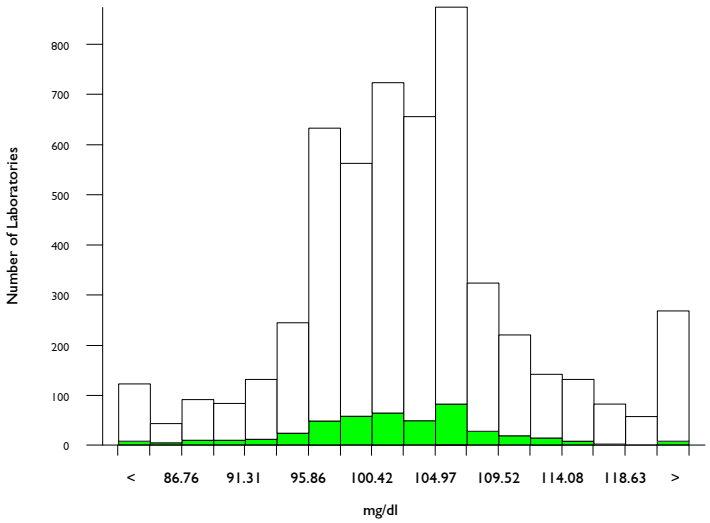
UKAS PROFICIENCY TESTING
0010

Trig Total, mg/dl

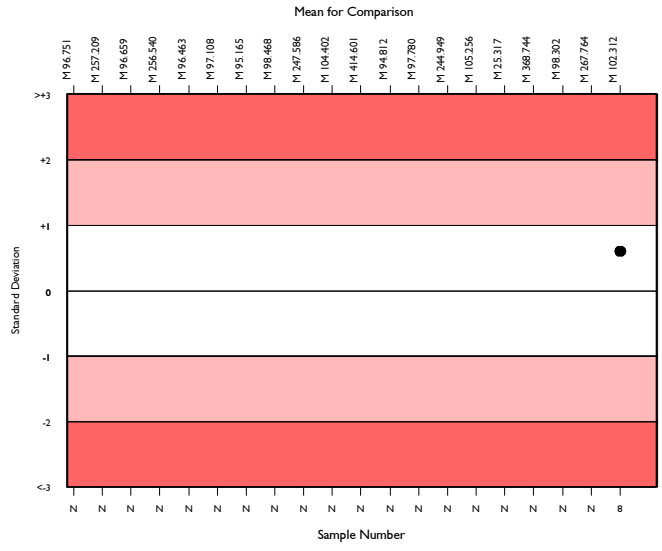
	N	Mean	CV%	U_m	SDPA	Exc.
All Methods	4908	102.699	5.9	0.11	7.86	474
Lipase/GK UV. no correction	409	102.312	5.1	0.32	7.83	40
Fortuchem Series	1	107.000	0.0	0.00	N/A	0

▲ Your Result	107.000	SDI	0.60
		RMSDI	Too Few
Mean for Comparison	102.312	TS	94
		RMTS	Too Few
		%DEV	4.6
		RM%DEV	Too Few

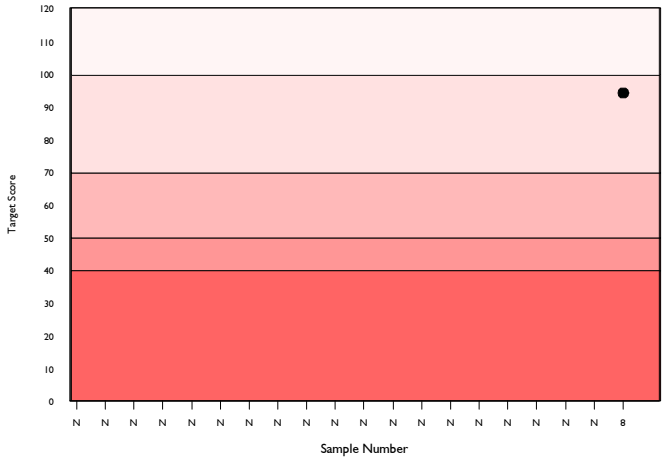
Acceptable limits derived from Biological Variation	25.99%
Acceptable limits of performance for RIQAS	12.60%

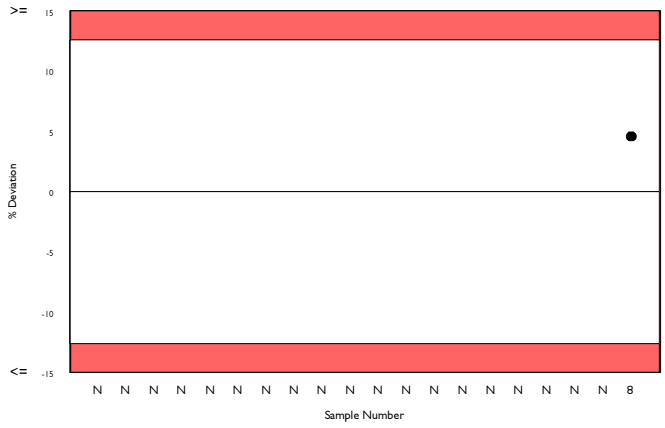


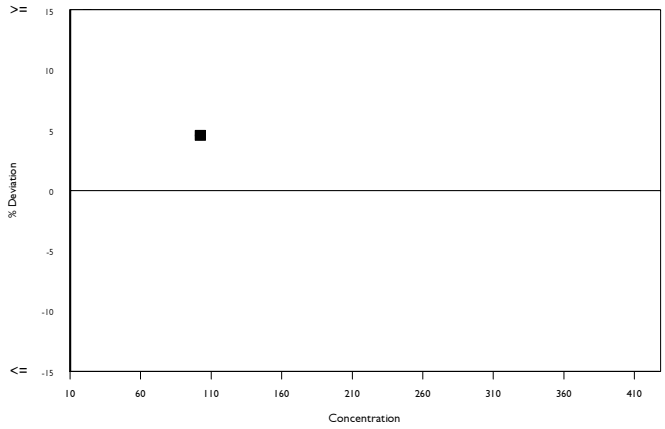
Method	N	Mean	CV%	U_m
Lipase/GPO-PAP no correction	3758	102.394	5.5	0.12
Lipase/GK UV. no correction	409	102.312	5.1	0.32
Lipase/GPO-PAP, 0.11mmol/l correction	263	102.482	6.0	0.47
Lipase/Glycerol Dehydrogenase	208	102.311	5.1	0.45
Ortho Vitros MicroSlide Systems	165	118.408	3.9	0.45
Lipase/GK UV., 0.11 mmol/l correction	54	101.859	5.1	0.88
Agappe - GPO - TOPS	27	102.566	4.2	1.03
Other Dry Chemistry	23	110.020	9.1	2.62
Siemens Dimension	8	96.524	1.9	0.79
Vitros DT60/DT60 II/DTSC II	2	108.597	3.1	2.99



TDPA = 12.6%







RIQAS

UKAS PROFICIENCY TESTING
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Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
ALT (GPT)	36.302	28.000	***-2.59***	Too Few	***-22.9***	Too Few	***30***	Too Few	▲
AST (GOT)	37.668	51.000	***4.22***	Too Few	***35.4***	Too Few	***10***	Too Few	▲
Cholesterol	154.420	171.000	1.88	Too Few	***10.7***	Too Few	***44***	Too Few	
Creatinine	1.438	1.470	0.29	Too Few	2.2	Too Few	120	Too Few	
Glucose	110.884	121.000	1.77	Too Few	***9.1***	Too Few	***47***	Too Few	
Trig Total	102.312	107.000	0.60	Too Few	4.6	Too Few	94	Too Few	

ORMSDI N/A **ORM%DEV N/A** **ORMTS N/A**

END OF REPORT

RIQAS

UKAS PROFICIENCY TESTING 0010