

VALIDATION REPORT: AU480

Complied: MGW Ditshego

Approved: JG Kubheka

Date: September 2020

Validation was done using EQA/ IQC/Analyser comparison.



A. Ditshego

AU480 Precision

The Au480 2012121907 was validated using Beckman IQC (level 1, 2)

The IQC material was analysed on different days and SDI, CV% established.

Precision was acceptable based on the CV% which was within set target. Both with-in and between precision was performed for analytes that did not have data method comparison.

Hierarchy

- Manufacturers claims
- CLIA
- RIQAS EQA

AU480 Accuracy

The Au480 20212121907 was validated using EQA, IQC & patient samples. Accuracy was acceptable based on:

- the correlation factor (r-value) of ≥ 0.975
- slope of 1.0 (closeness to 1.0)
- y-intercept
- bias
- SD diff

Accuracy was also done using IQC samples for other analytes that were no compared with another similar method /analyser. Within- Run was performed, whereby both (level 1 & 2) were processed for 3 days with 6 runs each. And SDI, CV% were established & measure against:

Hierarchy

- Manufacturers claims
- CLIA

Notes:

Analytes that did not meet manufacturer's claims were within the CLIA allowable arrear. And therefore acceptable.

Proteus Laboratories Au480 is deemed fit for purpose.



Precision - AU480

Quality Control 2		
	Level 1	Level 2
1	120.00	152.00
2	120.00	159.00
3	120.00	153.00
4	122.00	151.00
5	121.00	157.00
6	119.00	155.00
7	123.00	157.00
8	124.00	156.00
9	123.00	158.00
10	121.00	156.00
11	123.00	160.00
12	121.00	159.00
13	122.00	163.00
14	119.00	157.00
15	123.00	159.00
16	123.00	159.00
17	120.00	
18	120.00	159.00
19	121.00	159.00
20	123.00	159.00
Total	2428.00	2988.00
Mean	121.40	149.40
SDI	1.54	2.94
CV%	1.26	1.97
Sodium		
CLIA - Target value +/- 4 mmol/L.		
Acceptable limit performance for RIQAS is 3,6%.		

Quality Control 2		
	Level 1	Level 2
1	41.30	77.30
2	38.50	76.30
3	37.40	70.40
4	43.80	80.30
5	39.10	74.60
6	38.80	72.50
7	44.80	83.40
8	40.00	75.60
9	44.70	84.20
10	39.90	75.10
11	39.10	73.90
12	40.20	75.20
13	39.40	78.00
14		77.10
15	39.60	76.40
16	39.50	76.10
17	39.70	75.70
18	39.10	75.40
19	40.20	76.40
20	39.60	75.80
Total	764.70	1529.70
Mean	38.24	76.49
SDI	2.03	3.21
CV%	5.31	4.19
Total Protein		
CLIA acceptance performance for Total Protein is 10%.		
Acceptable limit performance for RIQAS is 8,4%.		

Quality Control 2		
	Level 1	Level 2
1	63.70	162.40
2	62.20	169.50
3	61.80	159.70
4	63.90	163.00
5	62.20	163.10
6	63.00	163.30
7	64.90	167.70
8	64.40	167.90
9	63.80	168.20
10	64.90	169.50
11	66.00	172.10
12	65.10	169.50
13	65.50	176.60
14	62.60	170.20
15	65.00	171.50
16	63.50	167.80
17	63.20	167.30
18	63.60	168.50
19	65.30	169.50
20	64.30	167.80
Total	1278.90	3355.10
Mean	63.95	167.76
SDI	1.20	3.89
CV%	1.88	2.32
GGT		
CLIA acceptance performance for GGT is 10%.		
Acceptable limit performance for RIQAS is 12,8%.		
Manufacturers claims 5,3%		

Quality Control 2		
	Level 1	Level 2
1	1.53	3.33
2	1.50	3.45
3	1.50	3.30
4	1.60	3.37
5	1.63	3.66
6	1.72	3.82
7	1.71	3.72
8	1.71	
9	1.68	3.74
10	1.69	3.72
11	1.77	3.84
12	1.70	3.74
13	1.79	3.90
14		3.63
15	1.59	3.66
16	1.66	3.70
17	1.67	3.79
18	1.69	3.78
19	1.70	3.75
20	1.68	3.73
Total	31.52	69.63
Mean	1.58	3.48
SDI	0.08	0.17
CV%	5.20	5.01

Triglyceride

CLIA acceptance performance for Triglyceride is 25%.

Acceptable limit performance for RIQAS is 10,9%.

Quality Control 2		
	Level 1	Level 2
1	1.09	1.68
2	1.05	1.68
3	1.03	1.55
4	1.07	1.70
5	1.06	1.67
6	1.03	1.62
7	1.19	1.85
8	1.08	1.68
9	1.08	1.69
10	1.06	1.65
11	1.05	1.63
12	1.07	1.69
13	1.08	1.72
14	1.06	1.72
15	1.09	1.71
16	1.07	1.69
17	1.06	1.68
18	1.06	1.68
19	1.08	1.69
20	1.07	1.70
Total	21.43	33.68
Mean	1.07	1.68
SDI	0.03	0.06
CV%	3.03	3.28
Magnesium		
CLIA acceptance performance for Magnesium is 10%.		
Acceptable limit performance for RIQAS is 10,9%.		
Manufacturers claims 3,8%		

Quality Control 2		
	Level 1	Level 2
1	12.15	38.32
2	12.05	41.21
3	12.36	38.59
4	12.35	38.57
5	12.32	39.57
6	12.32	39.01
7	12.60	39.96
8	12.61	40.99
9	12.23	40.85
10	12.97	39.84
11	12.65	40.50
12	12.78	40.74
13	12.41	40.56
14	12.02	39.91
15	12.58	39.74
16	12.32	39.82
17	12.32	38.77
18	12.19	39.34
19	12.26	39.14
20	11.99	39.20
Total	247.48	794.63
Mean	12.37	39.73
SDI	0.26	0.87
CV%	2.08	2.19
Iron		
CLIA acceptance performance for Iron is 20%.		
Acceptable limit performance for RIQAS is 9,5%.		
Manufacturers claims 3,8%		

Quality Control 2		
	Level 1	Level 2
1	3.84	6.47
2	3.85	6.75
3	3.86	6.46
4	3.92	6.42
5	3.88	6.67
6	3.80	6.54
7	3.96	6.64
8	3.95	6.64
9	3.96	6.71
10	3.90	6.67
11	3.95	6.74
12	3.89	6.73
13	3.92	6.91
14	3.82	6.69
15	3.93	6.73
16	3.92	6.76
17	3.86	6.68
18	3.86	6.70
19	3.89	6.76
20	3.95	6.76
Total	77.91	133.43
Mean	3.90	6.67
SDI	0.05	0.12
CV%	1.24	1.78
Potassium		
CLIA - Target value +/- 0,5 mmol/L.		
Acceptable limit performance for RIQAS is 5,4%.		
Manufacturers claims 3,0%		

Quality Control 2		
	Level 1	Level 2
1	23.70	111.50
2	23.30	116.80
3	23.30	110.80
4	21.10	112.30
5	23.40	115.70
6	22.90	110.00
7	24.20	117.70
8	24.20	118.60
9	23.60	118.80
10	22.70	115.70
11	23.00	117.30
12	24.40	119.60
13	22.60	113.00
14	21.90	111.30
15	23.20	111.10
16	22.50	109.60
17	22.50	110.30
18	22.90	109.70
19	22.40	109.30
20	22.70	110.10
Total	460.50	2269.20
Mean	23.03	113.46
SDI	0.80	3.62
CV%	3.47	3.19

TBilli

CLIA acceptance performance for Total Bilirubin is 20%.

Acceptable limit performance for RIQAS is 15,8%.

Manufacturers claims 4,5%

Quality Control 2		
	Level 1	Level 2
1	54.50	148.20
2	53.40	155.20
3	54.20	145.30
4	54.00	144.10
5	54.20	145.30
6	52.00	147.40
7	53.10	146.80
8	54.30	146.70
9	53.40	147.80
10	53.00	148.00
11	54.60	149.50
12	54.40	149.60
13	53.00	148.70
14	55.00	154.60
15	55.20	149.10
16	52.20	146.40
17	54.10	146.60
18	53.30	147.50
19	51.10	150.30
20	54.20	148.10
Total	1073.20	2965.20
Mean	53.66	148.26
SDI	1.05	2.75
CV%	1.95	1.86
AST		
CLIA acceptance performance for AST is 20%.		
Acceptable limit performance for RIQAS is 14,5%.		
Manufacturers claims 5,3%		

Quality Control 2		
	Level 1	Level 2
1	5.58	13.12
2	5.35	13.20
3	6.06	13.88
4	6.06	13.88
5	5.51	12.94
6	5.20	12.55
7	6.17	14.40
8	5.66	13.46
9	6.16	14.75
10	5.33	12.69
11	5.44	12.89
12	5.60	13.23
13	5.54	13.58
14	5.54	13.58
15	5.56	13.20
16	5.51	13.38
17	5.55	13.48
18	5.62	13.46
19	5.76	13.29
20	5.50	13.17
Total	112.70	268.13
Mean	5.64	13.41
SDI	0.27	0.53
CV%	4.86	3.94
Glucose		
CLIA acceptance performance for Glucose is 10%.		
Acceptable limit performance for RIQAS is 8,2%.		

Quality Control 2		
	Level 1	Level 2
1	2.16	3.78
2	2.06	3.85
3	2.03	3.55
4	2.42	4.07
5	2.12	3.74
6	2.05	3.72
7	2.34	4.08
8	2.09	3.66
9	2.16	3.84
10	2.15	3.76
11	2.17	3.84
12	2.21	3.90
13	2.19	3.92
14	2.19	3.92
15	2.17	
16	2.14	3.88
17	2.15	3.83
18	2.15	3.83
19	2.16	3.81
20		
Total	41.11	68.98
Mean	2.06	3.45
SDI	0.09	0.13
CV%	4.45	3.72
Phosphate		
CLIA acceptance performance for Phosphate is 25%.		
Acceptable limit performance for RIQAS is 8,9%.		

Quality Control 2		
	Level 1	Level 2
1	109.20	439.60
2	109.10	466.60
3	110.20	448.60
4	112.30	445.20
5	108.70	518.90
6	107.50	508.70
7	109.50	516.30
8	114.30	476.20
9	114.70	481.70
10	112.40	475.40
11	113.50	477.00
12	112.20	473.70
13	111.80	487.90
14		498.00
15	119.60	500.40
16	118.00	498.70
17	115.50	493.20
18	117.70	505.90
19	116.20	496.20
20	116.20	496.50
Total	2148.60	9704.70
Mean	107.43	485.24
SDI	3.52	22.63
CV%	3.28	4.66
Creatinine		
CLIA acceptance performance for Creatinine is 15%.		
Acceptable limit performance for RIQAS is 12,4%.		
Manufacturer's claim of 4,5%.		

Quality Control 2		
	Level 1	Level 2
1	88.00	110.00
2	88.00	114.00
3	89.00	110.00
4	90.00	108.00
5	89.00	112.00
6	88.00	111.00
7	91.00	112.00
8	91.00	113.00
9	91.00	114.00
10	90.00	112.00
11	92.00	115.00
12	90.00	114.00
13	90.00	117.00
14	89.00	113.00
15	91.00	115.00
16	92.00	114.00
17	88.00	113.00
18	89.00	114.00
19	90.00	114.00
20	92.00	115.00
Total	1798.00	2260.00
Mean	89.90	113.00
SDI	1.37	2.10
CV%	1.53	1.86
Chloride		
CLIA acceptance performance for Chloride is 5%.		
Acceptable limit performance for RIQAS is 4,6%.		
Manufacturer's claim of 3%.		

Quality Control 2		
	Level 1	Level 2
1	18.90	98.10
2	18.00	101.30
3	18.30	96.40
4	16.80	97.70
5	18.00	95.70
6	16.80	89.90
7	18.20	97.30
8	18.00	97.10
9	17.70	97.20
10	16.80	93.30
11	17.10	94.50
12	17.80	99.60
13		97.00
14		97.00
15	18.30	97.90
16	17.40	94.90
17	17.60	95.60
18	17.90	96.40
19	17.60	95.30
20	18.10	96.50
Total	319.30	1928.70
Mean	15.97	96.44
SDI	0.58	2.34
CV%	3.65	2.42
DBili		
CLIA acceptance performance for Direct Bilrubin is 20%.		
Acceptable limit performance for RIQAS is 24,4%.		
Manufacturer's claim of 7,5%.		

Quality Control 2		
	Level 1	Level 2
1	46.40	125.00
2	45.30	133.30
3	45.80	110.00
4	40.70	111.20
5	42.60	124.90
6	44.70	120.50
7	45.40	124.90
8	45.10	130.70
9	46.20	130.70
10	45.10	124.20
11	44.00	126.30
12	45.50	126.80
13	43.80	128.90
14	42.40	128.50
15	46.10	128.10
16	44.50	128.70
17	44.70	129.60
18	46.50	130.30
19	46.40	127.80
20	45.00	127.90
Total	896.20	2518.30
Mean	44.81	125.92
SDI	1.51	5.96
CV%	3.36	4.73
ALT		
CLIA acceptance performance for ALT is 5%.		
Acceptable limit performance for RIQAS is 15,3%.		
Manufacturer's claim of 5,3%.		

Quality Control 2		
	Level 1	Level 2
1	0.351	0.529
2	0.345	0.555
3	0.346	0.529
4	0.347	0.536
5	0.344	0.544
6	0.345	0.541
7	0.352	0.547
8	0.350	0.556
9	0.357	0.557
10	0.351	0.548
11	0.362	0.565
12	0.356	0.556
13	0.355	0.566
14		0.554
15	0.356	0.554
16	0.342	0.546
17	0.342	0.540
18	0.343	0.547
19	0.346	0.543
20	0.349	0.546
Total	6.64	10.96
Mean	0.33	0.55
SDI	0.01	0.01
CV%	1.73	1.86

Uric

CLIA acceptance performance for Uric Acid is 17%.

Acceptable limit performance for RIQAS is 10,8%.

Manufacturer's claim of 3%.

Quality Control 2		
	Level 1	Level 2
1	178.00	406.00
2	177.00	428.00
3	177.00	408.00
4	165.00	404.00
5	173.00	409.00
6	171.00	383.00
7	184.00	420.00
8	184.00	432.00
9	177.00	426.00
10	173.00	410.00
11	177.00	408.00
12	186.00	423.00
13	177.00	432.00
14	173.00	423.00
15	184.00	426.00
16	183.00	422.00
17	178.00	420.00
18	179.00	420.00
19	182.00	418.00
20	179.00	420.00
Total	3557.00	8338.00
Mean	177.85	416.90
SDI	5.19	11.67
CV%	2.92	2.80
CK		
CLIA acceptance performance for CK is 30%.		
Acceptable limit performance for RIQAS is 12%.		
Manufacturer's claim of 5,3%.		

Quality Control 2		
	Level 1	Level 2
1	98.00	243.00
2	96.00	253.00
3	99.00	241.00
4	100.00	246.00
5	95.00	245.00
6		
7		
8		
9		
10	101.00	248.00
11	104.00	254.00
12	102.00	251.00
13	101.00	263.00
14		253.00
15	102.00	256.00
16	98.00	252.00
17	99.00	261.00
18	100.00	253.00
19	104.00	257.00
20	100.00	254.00
Total	1499.00	4030.00
Mean	74.95	201.50
SDI	2.58	6.10
CV%	3.44	3.03

AMY

CLIA acceptance performance for Amylase is 30%.

Acceptable limit performance for RIQAS is 18%.

Manufacturer's claim of 5,3%.

Quality Control 2		
	Level 1	Level 2
1	6.90	28.50
2	6.80	29.20
3	6.60	27.20
4	7.40	30.50
5	6.80	28.30
6	6.70	27.80
7	7.60	31.50
8	6.90	28.60
9	7.60	31.60
10	6.80	28.50
11	6.90	28.20
12	7.00	29.60
13	6.90	29.40
14	6.80	30.20
15	7.00	29.30
16	6.90	29.10
17	6.80	29.20
18	6.90	28.90
19	6.90	29.40
20	6.90	28.90
Total	<u>139.10</u>	<u>583.90</u>
Mean	<u>6.96</u>	<u>29.20</u>
SDI	<u>0.27</u>	<u>1.11</u>
CV%	<u>3.86</u>	<u>3.79</u>

Urea

CLIA acceptance performance for Urea is 9%.

Acceptable limit performance for RIQAS is 11,9%.

Within manufacturer's claim of 5%.

Quality Control 2		
	Level 1	Level 2
1	121.00	478.00
2	115.00	492.00
3	115.00	461.00
4	110.00	410.00
5	116.00	478.00
6	127.00	507.00
7	121.00	482.00
8	120.00	481.00
9	115.00	472.00
10	114.00	456.00
11	118.00	465.00
12	109.00	449.00
13	114.00	475.00
14		464.00
15	114.00	467.00
16	114.00	469.00
17	113.00	472.00
18	115.00	477.00
19	119.00	492.00
20	112.00	467.00
Total	2202.00	9414.00
Mean	110.10	470.70
SDI	4.28	19.47
CV%	3.89	4.14
ALP		
CLIA acceptance performance for ALP is 30%.		
Acceptable limit performance for RIQAS is 18,7%.		
Within manufacturer's claim of 5%.		

Quality Control 2		
	Level 1	Level 2
1	3.91	7.05
2	3.80	7.32
3	3.80	6.95
4	3.94	7.17
5	3.83	7.23
6	3.96	7.27
7	4.07	7.40
8	4.05	7.64
9	3.90	7.40
10	3.92	7.25
11	4.02	7.55
12	3.98	7.51
13	4.05	7.75
14	0.00	7.47
15	4.03	7.53
16	3.88	7.26
17	3.91	7.34
18	4.03	7.48
19	3.98	7.50
20	3.95	7.55
Total	75.01	147.62
Mean	3.75	7.38
SDI	0.89	0.20
CV%	23.64	2.68

Chol

CLIA acceptance performance for Cholestrol is 10%.

Acceptable limit performance for RIQAS is 9%.

Within manufacturer's claim of 5%.

Quality Control 2		
	Level 1	Level 2
1	2.28	3.22
2	2.15	3.27
3	2.10	2.97
4	2.46	3.39
5	2.20	3.17
6	2.14	3.05
7	2.50	3.53
8	2.27	3.24
9	2.50	3.57
10	2.23	3.15
11	2.18	3.12
12	2.25	3.22
13	2.19	3.28
14	2.19	3.24
15	2.24	3.23
16	2.23	3.22
17	2.22	3.20
18	2.20	3.26
19	2.26	3.20
20	2.24	3.24
Total	45.03	64.77
Mean	2.25	3.24
SDI	0.11	0.14
CV%	4.93	4.25

Calcium

CLIA acceptance performance for Calcium is 10%.

Acceptable limit performance for RIQAS is 8,2%.

Within manufacturer's claim of 5%.

Qaulity Control 2		
	Level 1	Level 2
1	25.00	45.40
2	23.70	45.60
3	23.40	42.30
4	26.40	47.50
5	24.10	44.90
6	23.70	42.80
7	26.80	49.90
8	24.30	45.40
9	26.90	50.30
10	24.40	44.70
11	24.10	44.90
12	24.50	45.20
13	24.60	46.30
14	23.70	45.20
15	24.60	45.70
16	24.00	44.90
17	24.20	46.30
18	24.00	45.60
19	25.00	45.40
20	24.60	45.90
Total	492.00	914.20
Mean	24.60	45.71
SDI	1.00	1.87
CV%	4.07	4.09
Albumin		
CLIA acceptance performance for Albuminis 10%.		
Acceptable limit performance for RIQAS is 9%.		
Within manufacturer's claim of 5%.		

Accuracy

VALIDATION REPORT: AU480: 2012121907

Complied: MGW Ditshego

Approved: JG Kubheka

Date of approval: February 2021

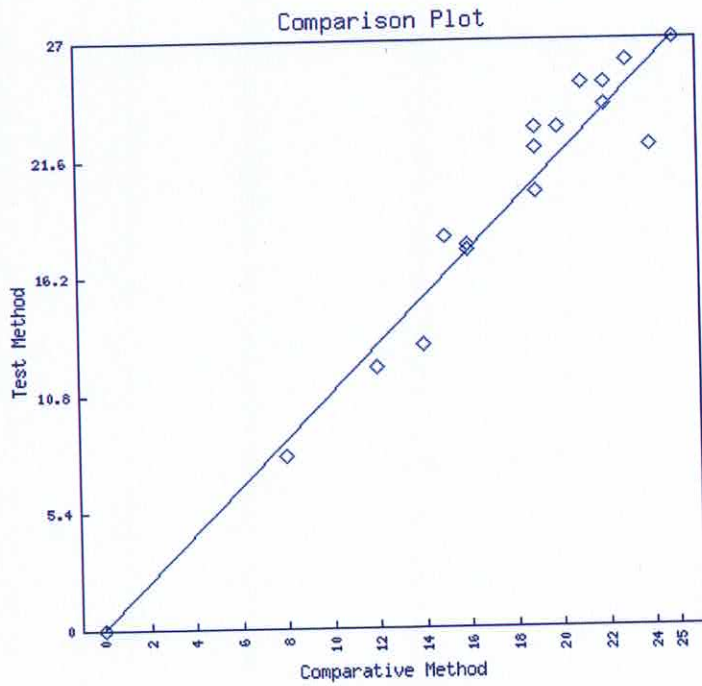
Validation was done using EQA/ IQC/Analyser comparison using patient samples.



in pursuit of perfection

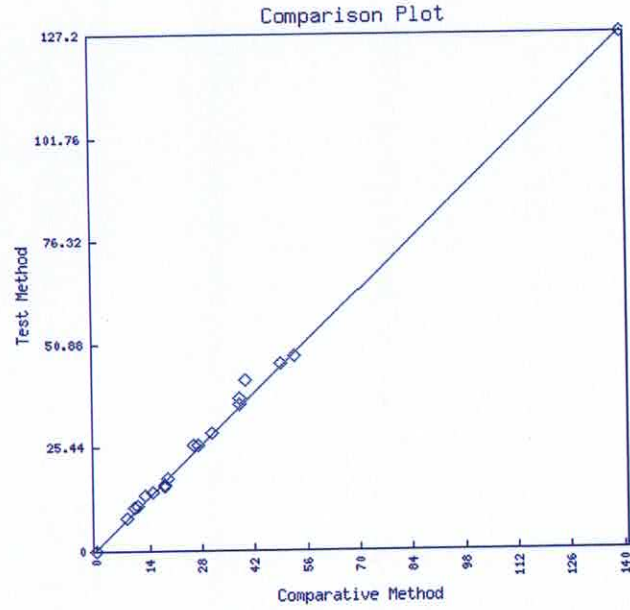
Accuracy - AU480

ComparisonX:		
AU480Y SN:2121907		
Bicarbonate		
Samples	X	Y
139821	23.6	26
139820	19.2	22
139824	15.1	18
139822	21	25
13220	20	23
139817	19.8	23
139818	22.6	25
139825	19.4	22
139843	19	20
139844	25.2	27
139846	22.5	24
139865	24	22.1
139866	21.8	25
139867	23.7	26
139869	19.4	22
17:09	12.07	12
17;10	8.4	8
17;12	14.03	13
15;06	16.35	17.6
15;08	16.6	17.4



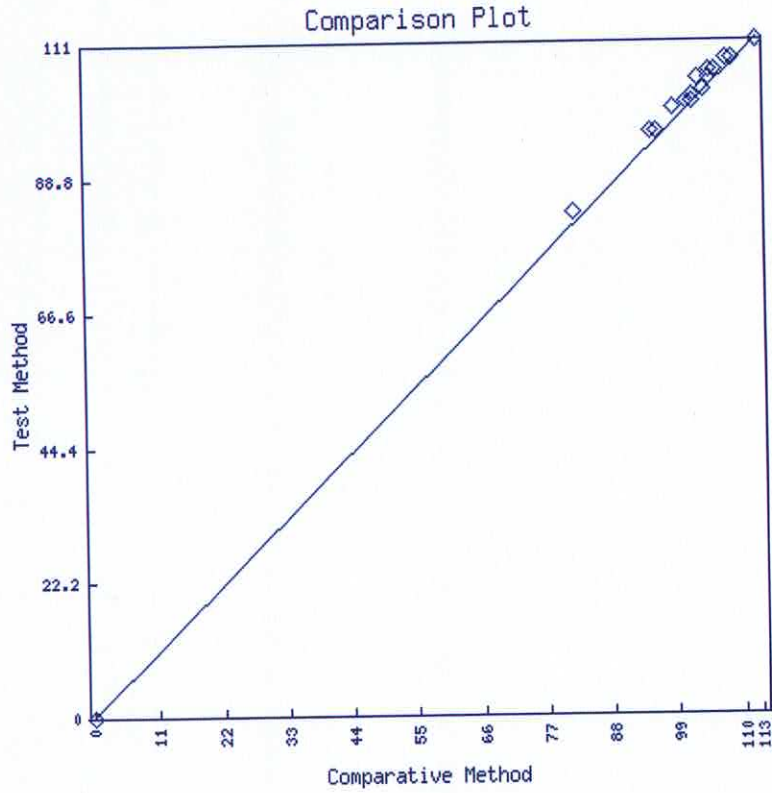
slope		0.809
y-intercept		2.26
r-value		0.96
SDdiff		1.56
bias		-1.72

ComparisonX		
AU480Y SN:2121907		
ALT		
Samples	X	Y
139821	26	25.8
139820	10.8	10.7
139824	8.1	8.2
139822	140.7	127.2
13220	18.3	16.1
139817	18.1	16.4
139818	19.2	17.8
139825	10.6	10.7
139843	13.7	13.7
139844	49.6	46
139846	27.6	25.8
139865	15.9	14.5
139866	53.4	47.9
139867	31.5	29.1
139869	38	35.9
17:09	40.3	41.8
17;10	11.3	11.2
17;12	38.1	37.4



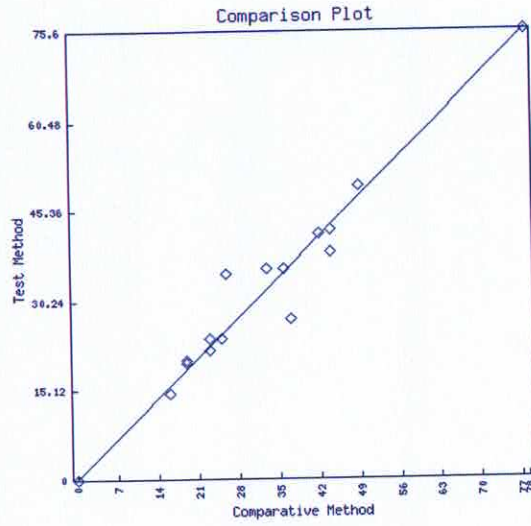
slope		1.106
y-intercept		-1.225
r-value		0.998
SDdiff		3.3
bias		1.94

ComparisonX		
AU480Y:2121907		
Chloride		
Samples	X	Y
139821	106.4	106
139820	95.9	96
139824	109.1	108
139822	102	102
13220	105.4	105
139817	108.4	108
139818	105.5	105
139825	105.7	106
139843	106.4	106
139844	104.2	103
139846	106.8	107
139865	102.4	101
139866	104.5	105
139867	101.7	101
139869	103.9	105
17;09	96.28	96
17;10	82.1	83
17;12	99.9	100
15;06	113.2	111
15;08	95.5	96



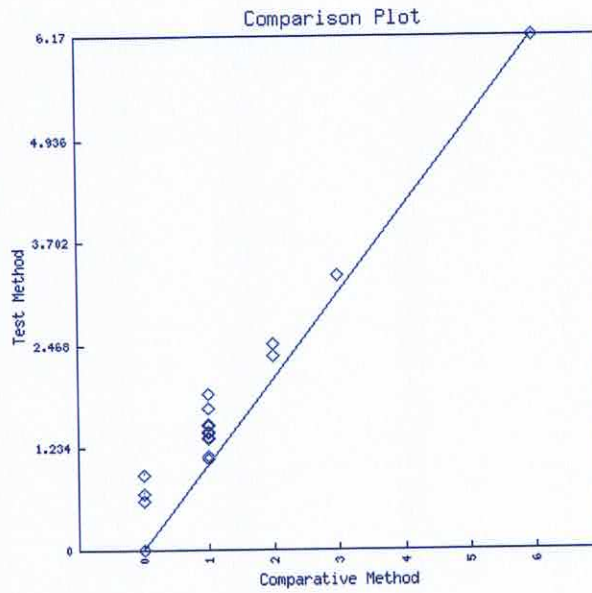
slope	1.0591
y-intercept	-5.7937
r-value	0.994
SDdiff	0.801
bias	0.264

Comparison X		
AU480Y Y:2121907		
AST		
Samples	X	Y
139821	37.8	27.1
139820	16.5	14.6
139824	23.8	23.9
139822	78.2	75.6
13220	25.8	23.9
139817	23.5	22
139818	26.2	34.8
139869	33.7	35.7
139843	19	19.8
139844	49.9	49.6
139846	44.9	42.2
139865	19.4	20.3
139866	42.5	41.4
139867	36.4	35.6
17:09	44.6	38.4



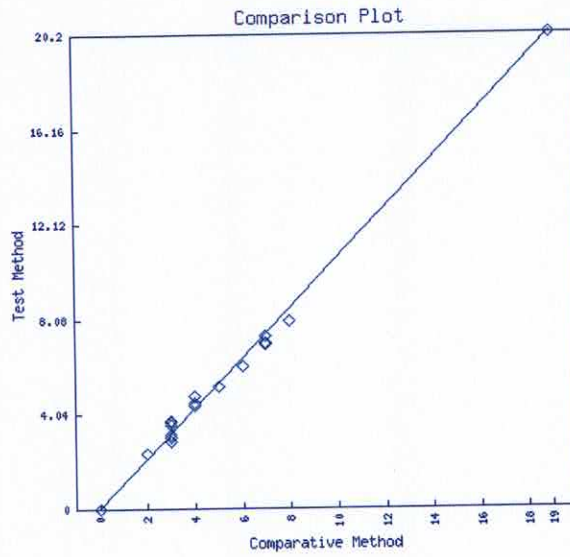
slope		1.013
y-intercept		0.702
r-value		0.97
SDdiff		4.12
bias		1.15

ComparisonX:		
AU480Y :2121907		
Triglyceride		
Samples	X	Y
139821	1.34	1.44
139820	2.34	2.35
139824	1.56	1.52
139822	1.09	1.1
13220	0.69	0.69
139817	1.37	1.34
139818	1.89	1.88
139825	1.48	1.5
139843	1.12	1.14
139844	0.92	0.91
139846	0.62	0.6
139865	1.4	1.41
139866	6.1	6.17
139867	2.42	2.49
139869	1.69	1.72
58;06	3.06	3.31
58;08	1.2	1.36



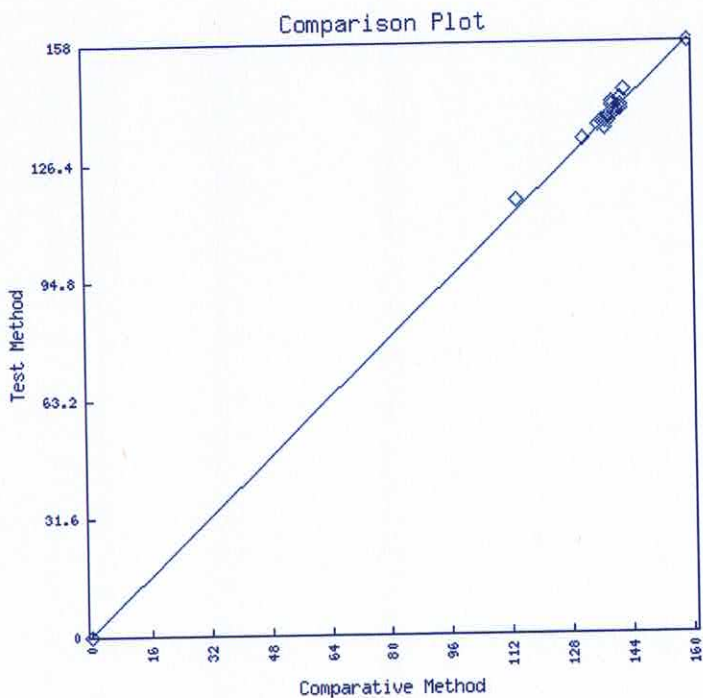
slope	0.976
y-intercept	0.005
r-value	0.998
SDdiff	0.074
bias	-0.037

ComparisonX:		
AU480Y :2121907		
Urea		
Samples	X	Y
139821	3.7	3.6
139820	8.1	8
139824	3.3	3.1
139822	6.3	6.1
13220	3.9	3.8
139817	3	2.9
139818	4.5	4.4
139825	4.9	4.8
139843	7.1	7.1
139844	5.2	5.2
139846	3.7	3.7
139865	4.4	4.4
139866	4.5	4.5
139867	3	3.2
139869	3.5	3.7
17:09	7.4	7.4
17;10	2.33	2.4
17;12	7.3	7
15;06	19.26	20.2



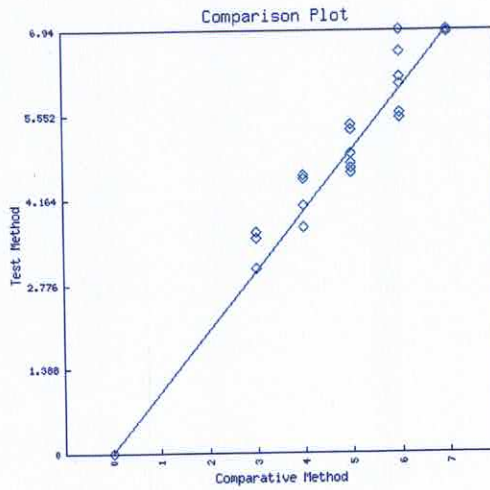
slope		0.952
y-intercept		0.261
r-value		0.998
SDdiff		0.258
bias		-0.005

Comparison X		
AU480Y :2121907		
Sodium		
Samples	X	Y
139821	140.8	141
139820	132.5	132
139824	141.3	139
139822	139.1	137
13220	138.9	137
139817	141.6	140
139818	142.4	141
139825	137.1	137
139843	139.6	138
139844	142.2	140
139846	142.9	141
139865	138.5	135
139866	140.7	141
139867	139	138
139869	136.6	136
17;09	140	142
17;10	114	116
17;12	142	143
15;06	160	158
15;08	143	145



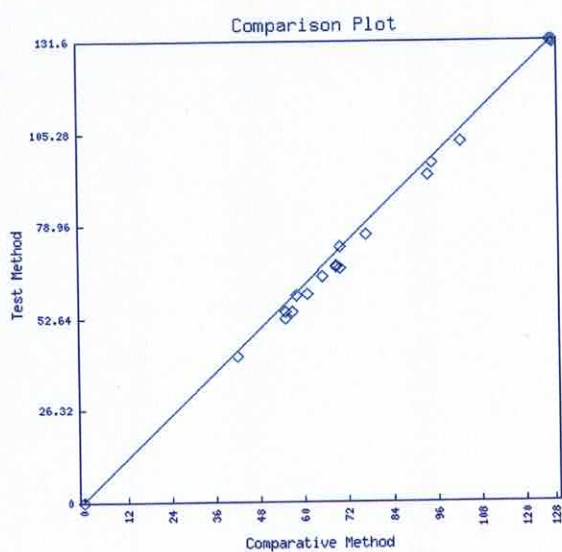
slope:		1.041
y-intercept:		-4.96
r-value		0.98
bias		0.76
SDdiff		1.592

ComparisonX:		
80Y :2121907		
Cholestrol		
Samples	X	Y
139821	3.94	3.63
139820	6.92	6.49
139824	4.94	4.56
139822	5.03	4.75
13220	5.52	5.31
139817	6	5.51
139818	7.45	6.91
139825	5.13	4.68
139843	3.71	3.54
139844	6.1	5.59
139846	5.14	4.61
139865	6.48	6.06
139866	5.69	5.39
139867	5.27	4.92
139869	6.54	6.18
17:09	4.18	4.06
17;10	3.09	3.05
17;12	4.06	3.72
58;06	6.48	6.59
58;08	4.09	4.51



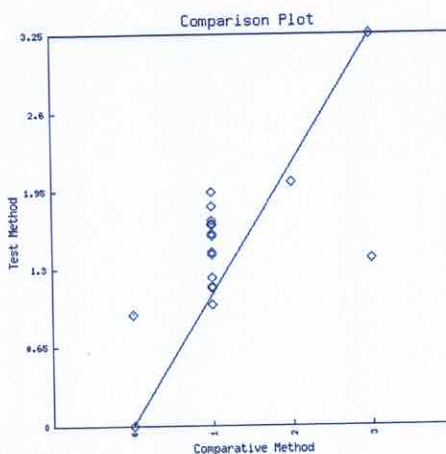
slope		1.06
y-intercept		-0.0156
r-value		0.98
SDdiff		0.236
bias		0.285

ComparisonX:		
AU480Y SN:2121907		
Creatinine		
Samples	X	Y
139821	55.9	54.3
139869	55.3	52.4
139824	42.2	41.8
139822	94.9	93.2
13220	77	76.2
139817	58.9	59.2
139818	69	67.7
139825	69.2	67.3
139843	103.2	102.9
139844	70.2	66.8
139846	65.6	64.3
139865	61.5	59.3
139866	95.2	96.5
139867	57.9	54.3
17:09	128.5	130.7
17;10	70.1	72.9
17;12	127.9	131.6



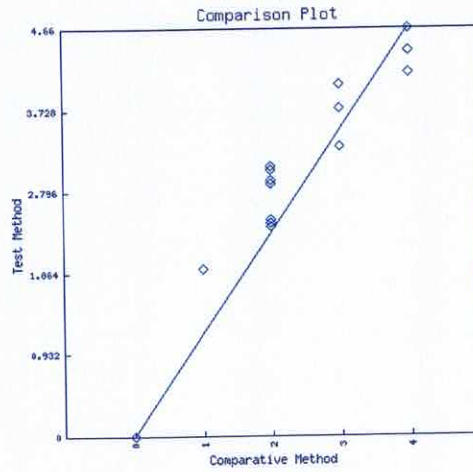
slope		0.945
y-intercept		4.8
r-value		0.99
SDdiff		2.12
bias		0.652

ComaprisonX		
U480Y:2121907		
HDL		
Samples	X	Y
139821	0.85	0.92
139820	1.67	1.68
139824	1.27	1.22
139822	1.41	1.42
13220	1.68	1.7
139817	1.81	1.82
139818	1.73	1.67
139825	1.82	1.94
139843	1.41	1.42
139844	1.55	1.57
139846	2.07	2.03
139865	1.18	1.15
139866	1.04	1
139867	1.17	1.14
139869	1.45	1.44
17:09	1.31	1.42
17;10	1.57	1.59
17;12	1.49	1.42
58;06	3.09	3.25
58;08	1.19	1.38



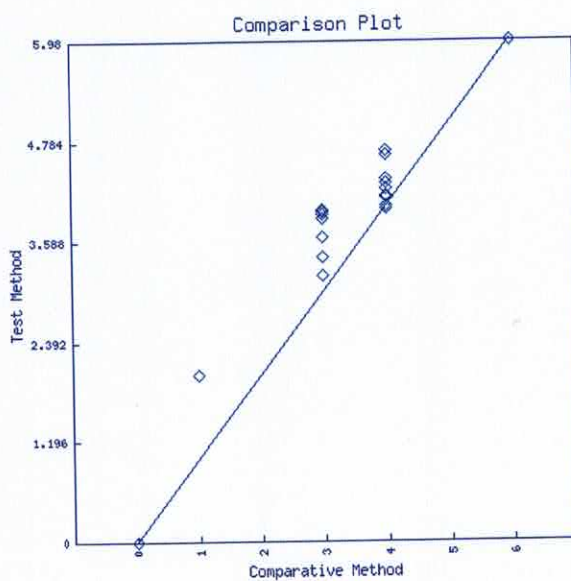
slope		0.94
y-intercept		0.0719
r-value		0.989
SDdiff		0.073
bias		-0.02

ComparisonX:		
AU480Y:2121907		
LDL		
Samples	AU480 X	AU4820 Y
139821	2.12	2.4
139820	4.08	4.16
139824	2.79	2.89
139822	2.92	3.05
13220	3.28	3.32
139817	3.24	3.31
139818	4.82	4.66
139825	2.31	2.44
139843	1.64	1.92
139844	3.71	3.75
139846	2.38	2.48
139865	4.43	4.41
139866	2.84	2.93
139867	2.94	3.09
139869	3.97	4.02



slope		1.113
y-intercept		-0.459
r-value		0.998
SDdiff		0.107
bias		-0.09

ComparisonX:		
Y Y:2121907		
Potassium		
Samples	X	Y
139821	4.25	4.21
139820	3.43	3.41
139824	3.69	3.64
139822	4.17	4.13
13220	4.82	4.62
139817	3.91	3.87
139818	4.35	4.29
139825	4.03	3.98
139843	4.71	4.68
139844	3.92	3.86
139846	4.36	4.33
139865	3.27	3.18
139866	3.97	3.97
139867	3.92	3.91
139869	4.07	4.12
17;09	3.96	3.96
17;10	1.98	2
17;12	3.93	3.94
15;06	6.15	5.98
15;08	4.01	4.02



slope		1.0423
y-intercept		-0.1294
r-value		0.9978
SDdiff		0.0595
bias		0.04