

Dena Laboratory

MATERNAL SCREENING

CYCLE 10 SAMPLE 2

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: 20/02/2018

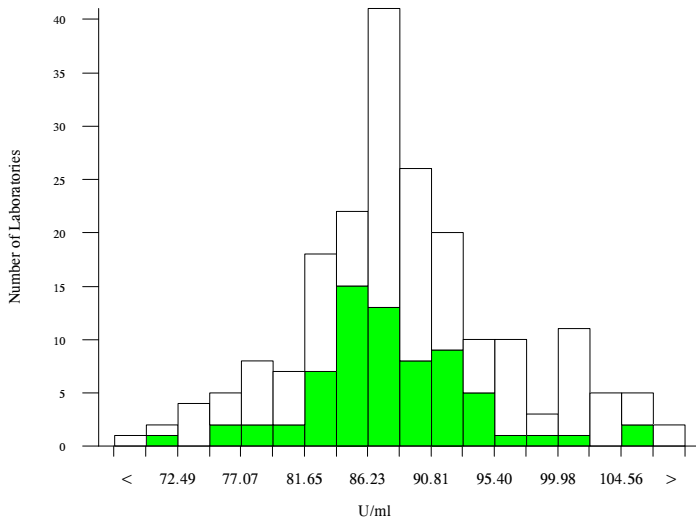
Randox Laboratories Limited
55 Diamond Road
CRUMLIN BT29 4QY
Tel: +44 (0)28 9445 4399
Fax: +44 (0)28 9445 4398
Email: mail@riqas.com

AFP, U/ml

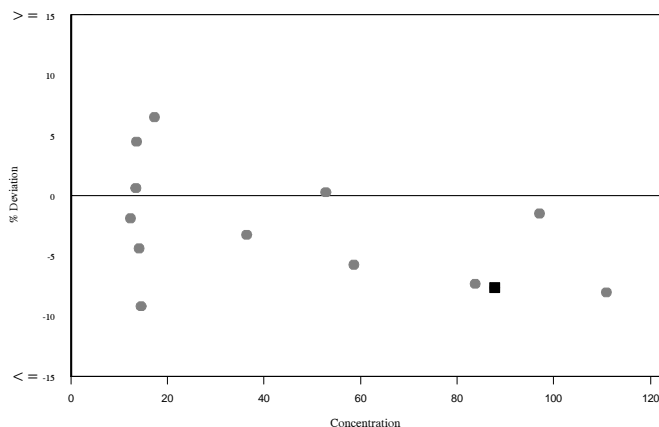
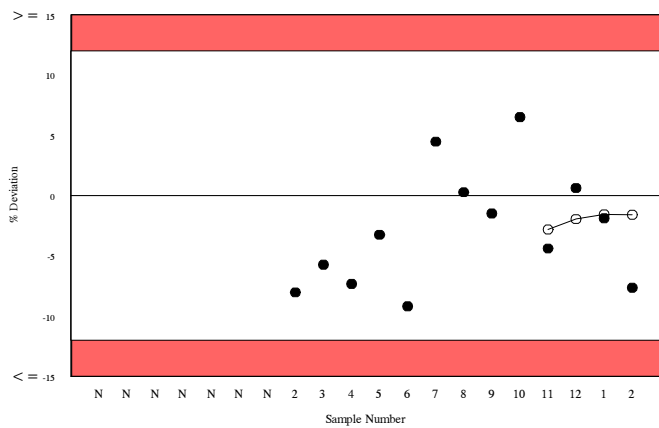
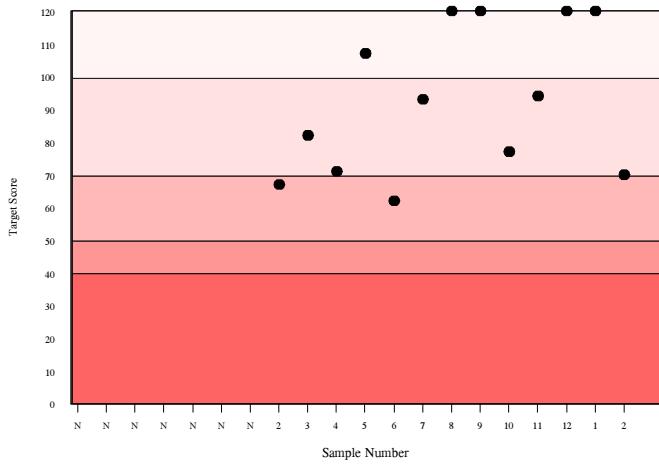
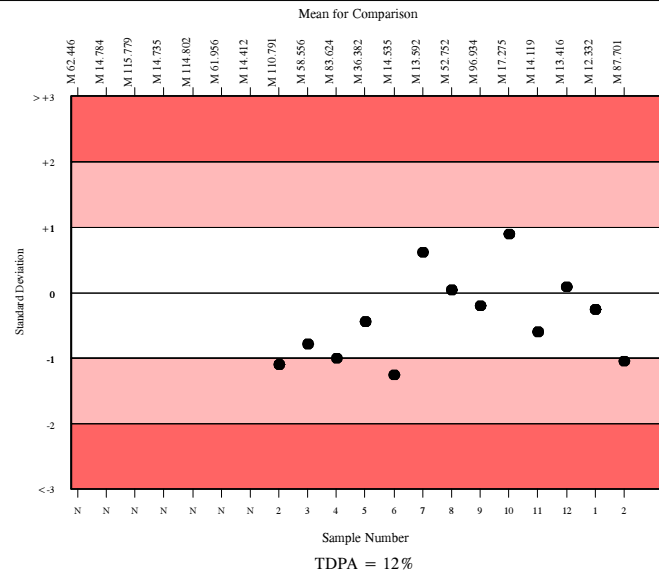
	N	Mean	CV%	U _m	SDPA	Exc.
□ All Methods	185	88.529	6.9	0.56	6.46	15
■ Siemens/DPC Immulite 2000/2500	61	87.701	4.4	0.62	6.40	8

▲ Your Result	81.000	SDI RMSDI	-1.05 -0.22
■ Mean for Comparison	87.701	TS RMTS	70 98
		%DEV RM%DEV	-7.6 -1.6

Acceptable limits derived from Biological Variation	21.9%
Acceptable limits of performance for RIQAS	12.00%



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	61	87.701	4.4	0.62
Perkin Elmer DELFIA Xpress/AutoDELFIA	27	88.048	3.9	0.84
Beckman DxI 600/800	26	86.184	7.5	1.59
Roche Cobas 6000/8000	14	97.266	4.3	1.40
Beckman Access/LXi725	14	88.208	6.4	1.89
Siemens/DPC Immulite 1000	8	85.826	5.1	1.95
Roche Cobas 4000/e411	9	95.186	6.7	2.67
Siemens Centaur XP/XPT/Classic	7	100.682	4.3	2.02
Abbott Architect	6	89.278	4.9	2.22
Brahms Kryptor	5	79.916	6.0	2.67

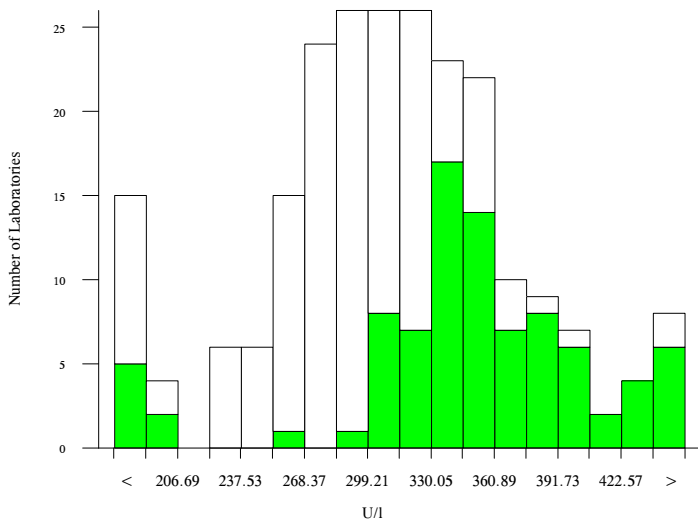


hCG, free beta, U/I

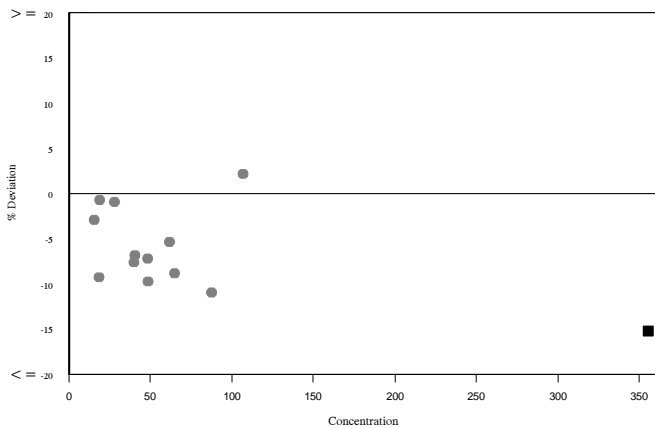
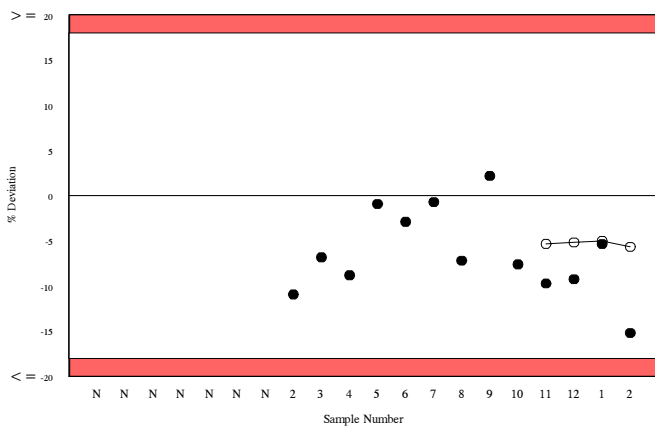
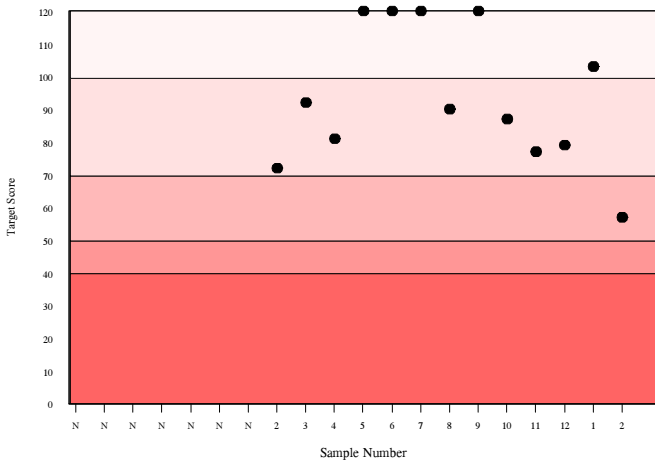
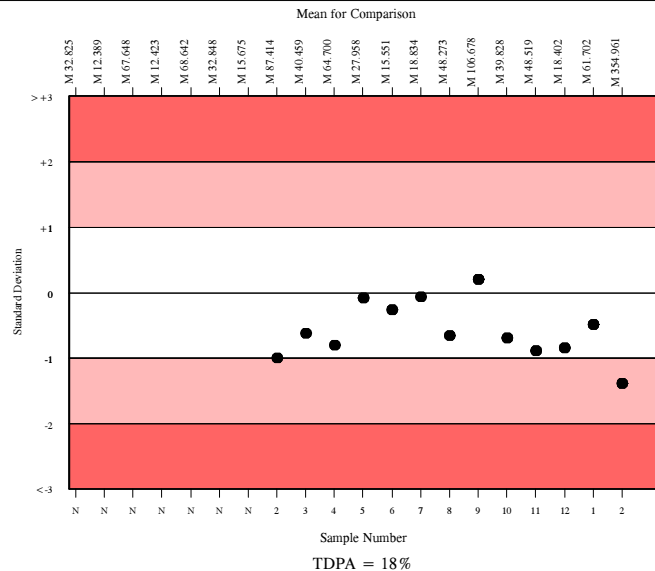
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	201	314.635	13.1	3.63	34.43	35
Siemens/DPC Immulite 2000/2500	74	354.961	9.6	4.94	38.84	16

▲ Your Result	301.000	SDI RMSDI	-1.39 -0.52
■ Mean for Comparison	354.961	TS RMTS	57 97
		%DEV RM%DEV	-15.2 -5.7

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	18.00%



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	74	354.961	9.6	4.94
Roche Cobas 4000/e411	34	295.774	6.5	4.15
Perkin Elmer DELFIA Xpress/AutoDELFIA	37	271.540	8.0	4.45
Roche Cobas 6000/8000	32	269.459	16.1	9.59
Brahms, Kryptor	17	336.518	5.2	5.33
Siemens/DPC Immulite 1000	8	327.500	6.5	9.38



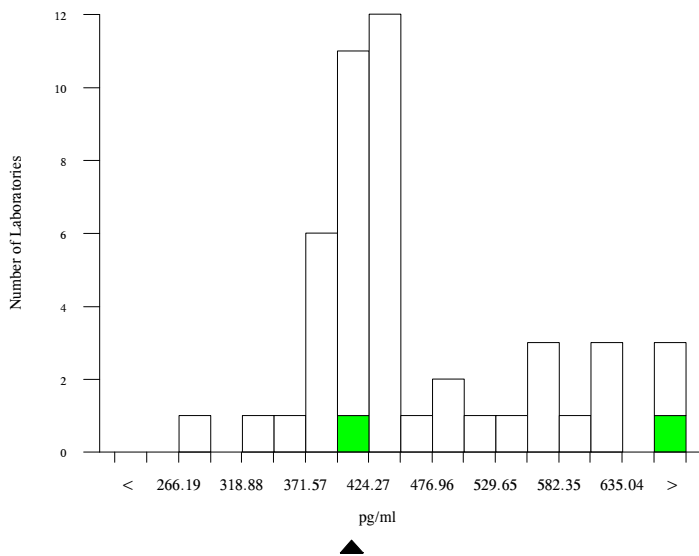
Inhibin A, pg/ml

	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	42	450.618	15.6	13.55	44.83a	5
Stat Fax Elisa Readers	2	576.350	40.7	207.19	214.28a	0

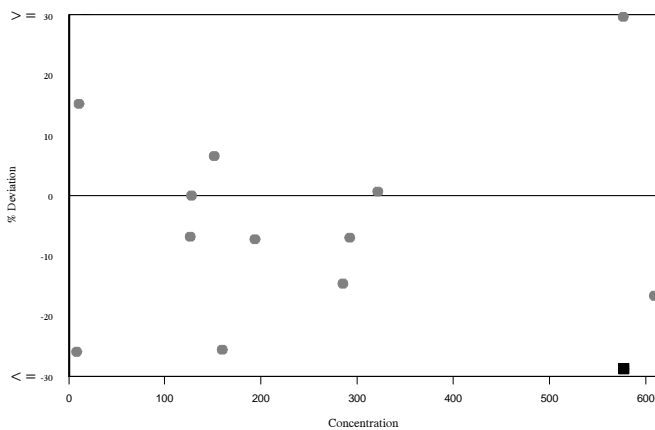
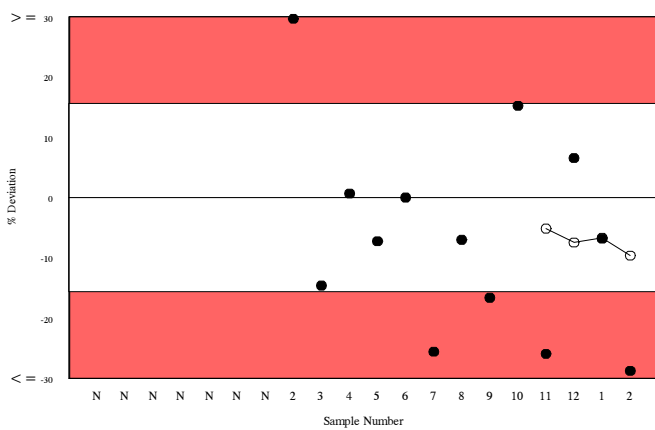
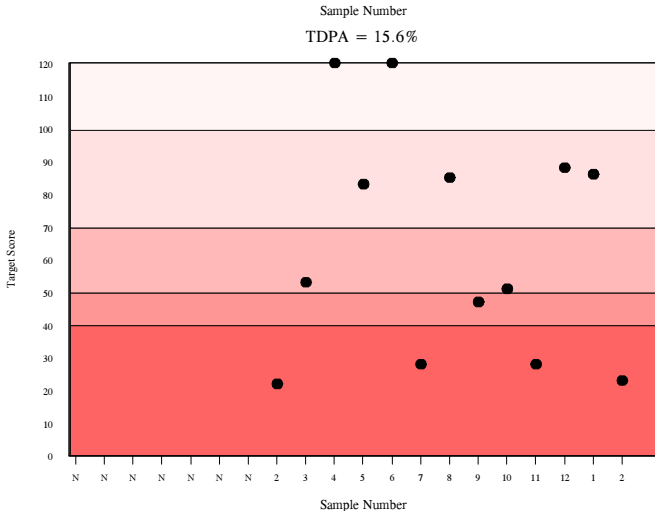
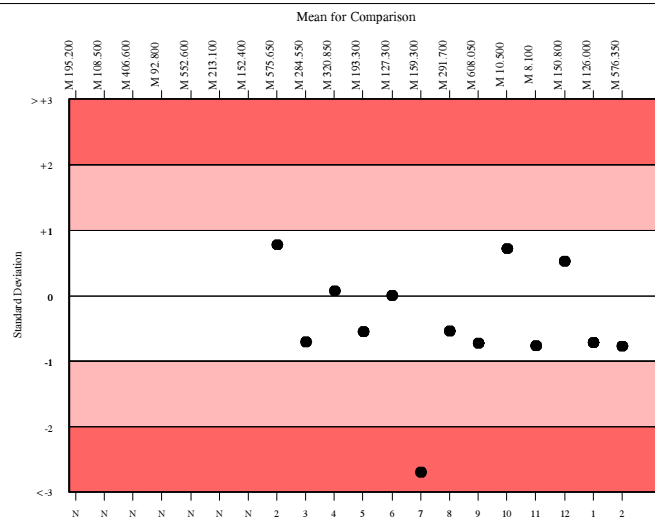
▲ Your Result	410.600	SDI	-0.77
		RMSDI	-0.55
■ Mean for Comparison	576.350	TS	23
		RMTS	63
		%DEV	-28.8
		RM%DEV	-9.6

The mean for comparison is not statistically significant

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.60%
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Beckman Access	13	416.785	4.3	6.15
Beckman Dxl 600/800	13	420.685	5.7	8.36
ELISA	9	575.027	13.5	32.43
Beckman Inhibin A Active ELISA	6	470.778	26.5	63.59
Perkin Elmer DELFIA Xpress/AutoDELFIA	2	600.660	6.0	32.07
Stat Fax Elisa Readers	2	576.350	40.7	207.19

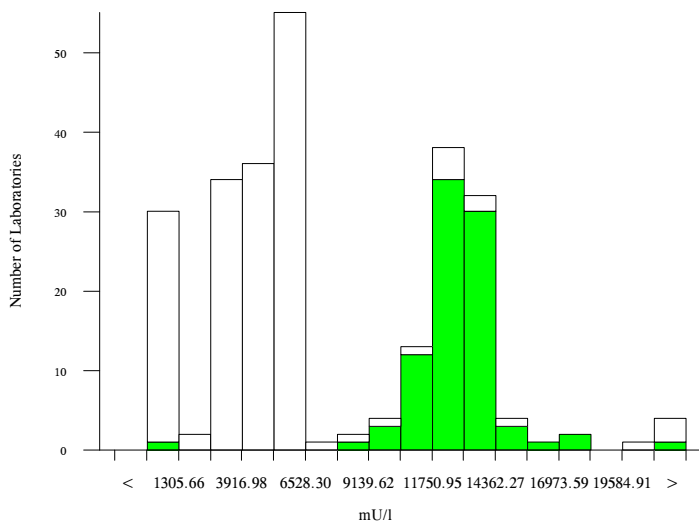


PAPP-A, mU/l

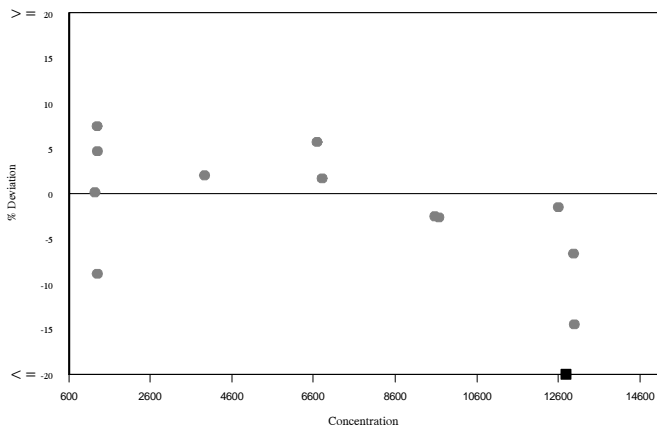
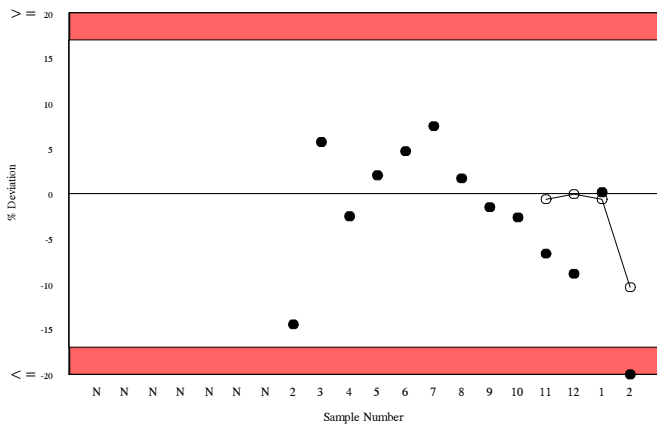
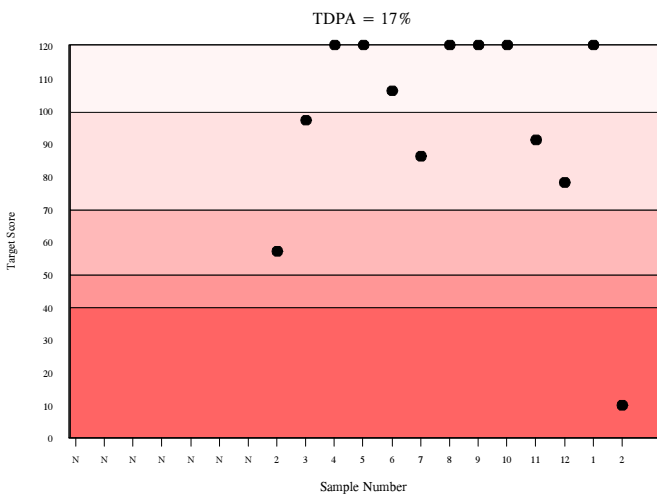
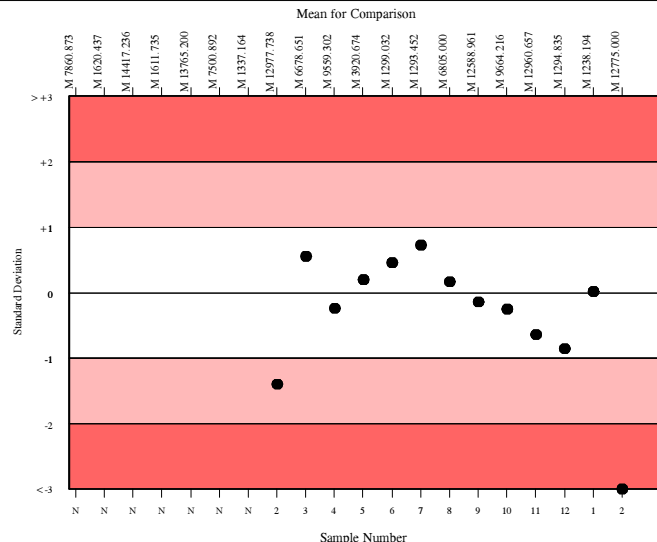
	N	Mean	CV%	U _m	SDPA	Exc.
<input type="checkbox"/> All Methods	251	7222.579	63.1	359.40	828.40a	11
<input checked="" type="checkbox"/> Siemens/DPC Immulite 2000/2500	76	12775.000	7.0	128.50	1320.30	15

<input checked="" type="checkbox"/> Your Result	12.400	SDI	-9.67
		RMSDI	-1.00
<input checked="" type="checkbox"/> Mean for Comparison	12775.000	TS	10
		RMTS	97
		%DEV	-99.9
		RM%DEV	-10.4

Acceptable limits derived from Biological Variation	15.1%
Acceptable limits of performance for RIQAS	17.00%
SDI in bottom 5% of peer group	
TS & %DEV outside limits	



Method	N	Mean	CV%	U _m
Siemens/DPC Immulite 2000/2500	76	12775.000	7.0	128.50
Perkin Elmer DELFIA Xpress/AutoDELFIA	32	3974.054	8.6	75.70
Roche Cobas 4000/e411	35	5479.542	6.3	72.80
Roche Cobas 6000/8000	29	5555.827	7.5	96.30
Beckman DxI 600/800	17	341.325	6.9	7.10
Brahms, Kryptor	12	3535.750	1.8	23.40
Siemens/DPC Immulite 1000	9	12667.777	11.4	601.50
Beckman Access	9	340.418	5.4	7.60

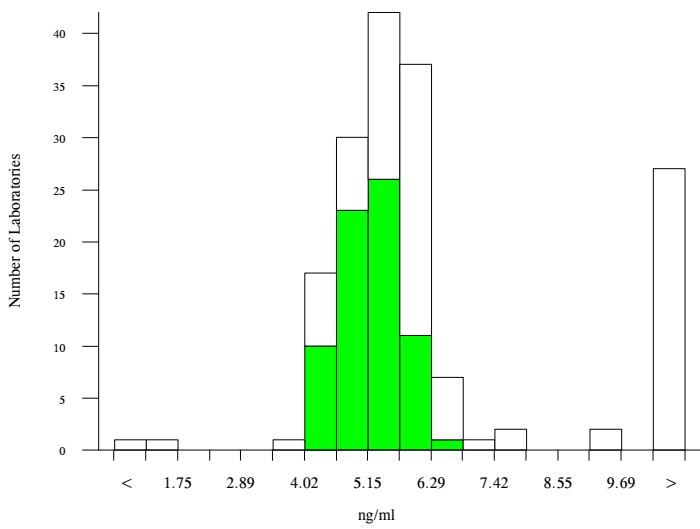


Unconjugated estriol, ng/ml

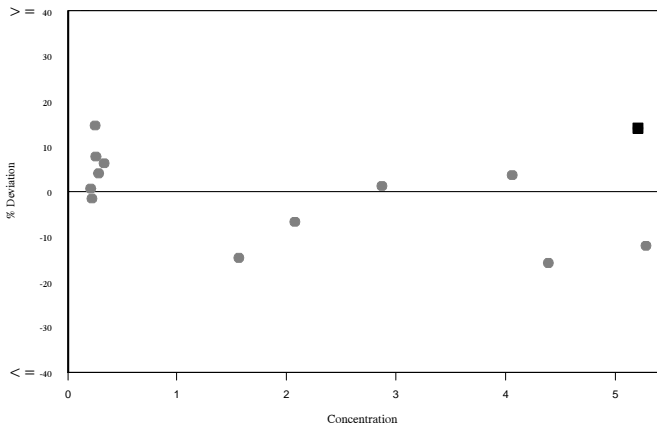
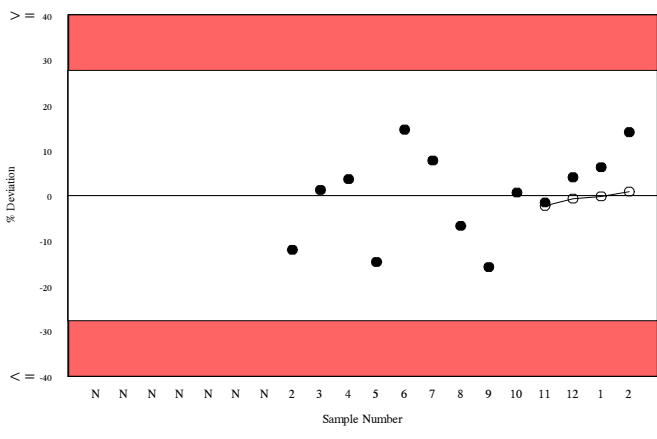
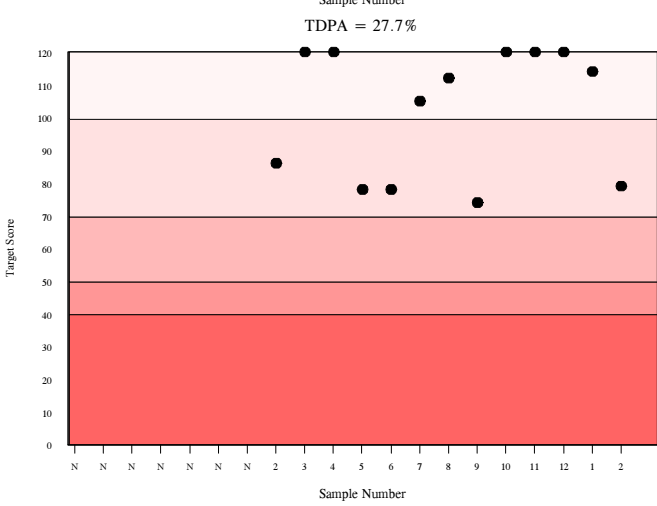
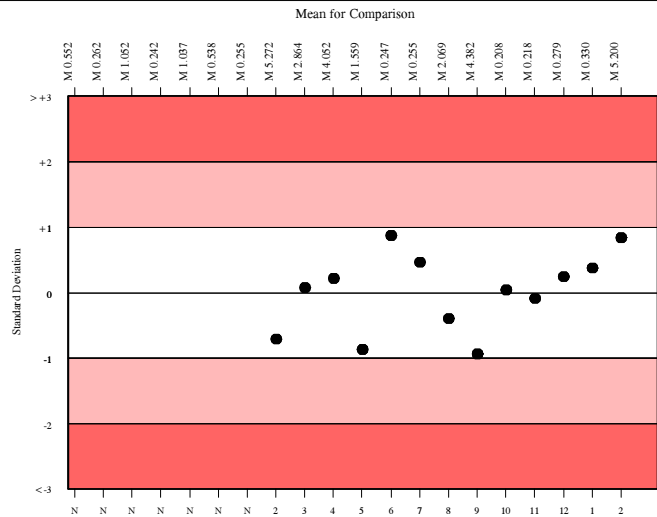
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	147	5.725	26.4	0.16	0.96	22
DPC Immulite 2000/2500	69	5.200	9.9	0.08	0.88	3

▲ Your Result	5.930	SDI	0.83
		RMSDI	0.05
■ Mean for Comparison	5.200	TS	79
		RMTS	100
		%DEV	14.0
		RM%DEV	0.9

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	27.70%



Method	N	Mean	CV%	U _m
DPC Immulite 2000/2500	69	5.200	9.9	0.08
Beckman Dxi 600/800	24	5.810	5.4	0.08
Perkin Elmer DELFIA Xpress/AutoDELFIA	23	12.425	7.8	0.25
Beckman Access	15	5.891	6.3	0.12
DPC Immulite 1000	11	5.475	9.0	0.19
Brahms. Kryptor	5	4.403	3.0	0.07
IBL ELISA	4	7.928	27.4	1.36
Siemens Centaur XP/XPT/Classic	2	4.495	30.4	1.21



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
AFP	87.701	81.000	-1.05	-0.22	-7.6	-1.6	70	98	
hCG, free beta	354.961	301.000	-1.39	-0.52	-15.2	-5.7	57	97	
hCG, total	48.759	44.500	-0.78	-0.11	-8.7	-1.2	83	108	
Inhibin A	576.350	410.600	-0.77	-0.55	<u>-28.8</u>	-9.6	<u>23</u>	63	
PAPP-A	12775.000	12.400	<u>-9.67</u>	-1.00	<u>-99.9</u>	-10.4	<u>10</u>	97	▲
Unconjugated estriol	5.200	5.930	0.83	0.05	14.0	0.9	79	100	

ORMSDI -0.39

ORM%DEV -4.6

ORMTS 94

END OF REPORT