

Dena Laboratory

# MATERNAL SCREENING

CYCLE 9 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: 22/02/2017

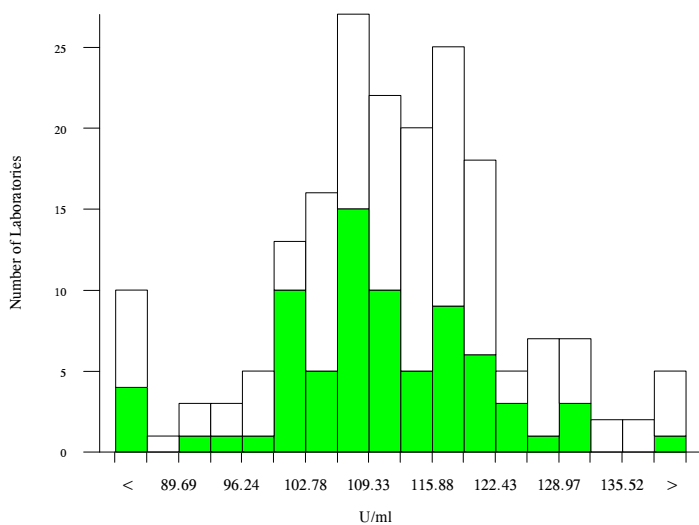
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# AFP, U/ml

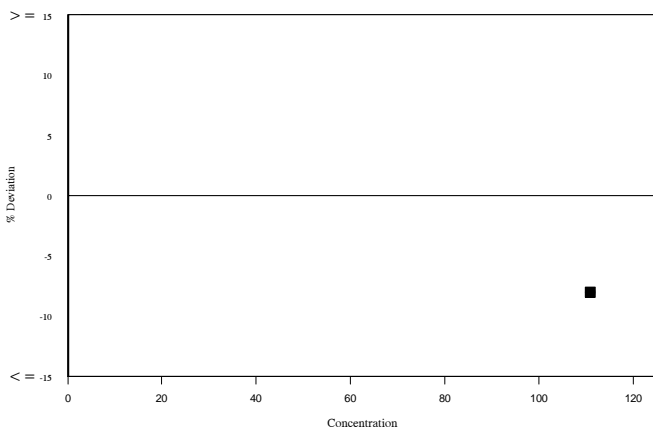
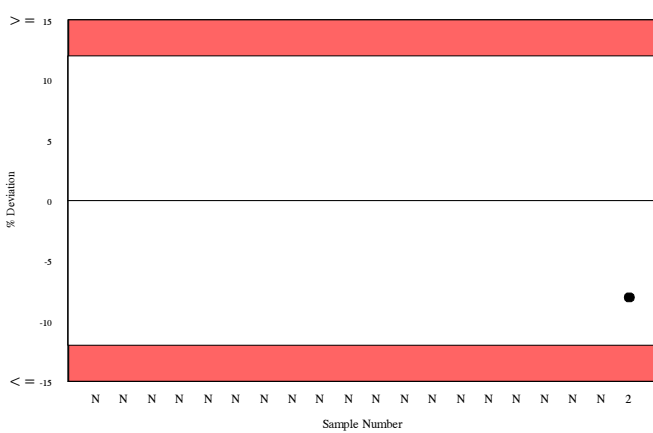
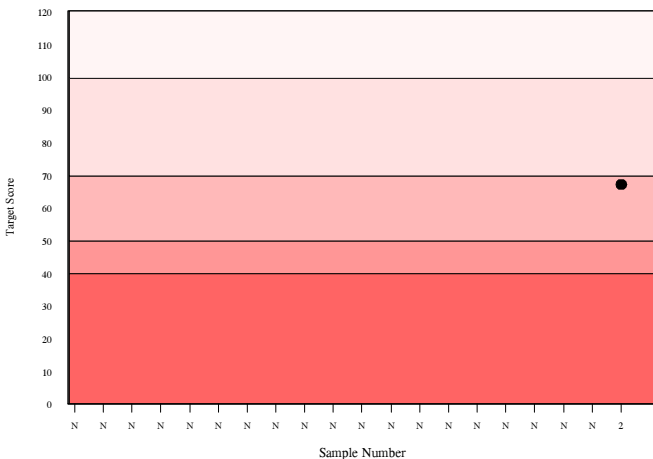
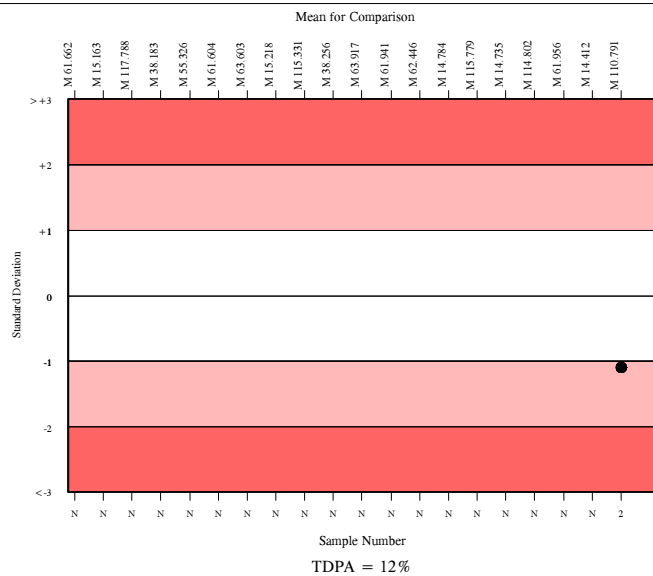
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	171	112.609	7.8	0.83	8.22	20
Siemens/DPC Immulite 2000/2500	66	110.791	6.7	1.14	8.08	9

▲ Your Result	101.900	SDI	-1.10
		RMSDI	Too Few
■ Mean for Comparison	110.791	TS	67
		RMTS	Too Few
		%DEV	-8.0
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000/2500	66	110.791	6.7	1.14
Perkin Elmer DELFIA Xpress/AutoDELFIA	23	112.336	4.4	1.29
Beckman DxI 600 / 800	21	108.282	8.8	2.60
Roche Cobas 6000/8000	12	124.837	5.4	2.42
Siemens/DPC Immulite 1000	14	115.039	6.9	2.66
Abbott Architect	10	112.100	4.8	2.15
Beckman Access/LXi725	9	115.741	9.2	4.44
Siemens Centaur XP/XPT/Classic	5	121.813	4.2	2.87
Roche Cobas 4000/e411	5	117.415	23.0	15.13
Brahms Kryptor	4	91.840	7.0	4.00

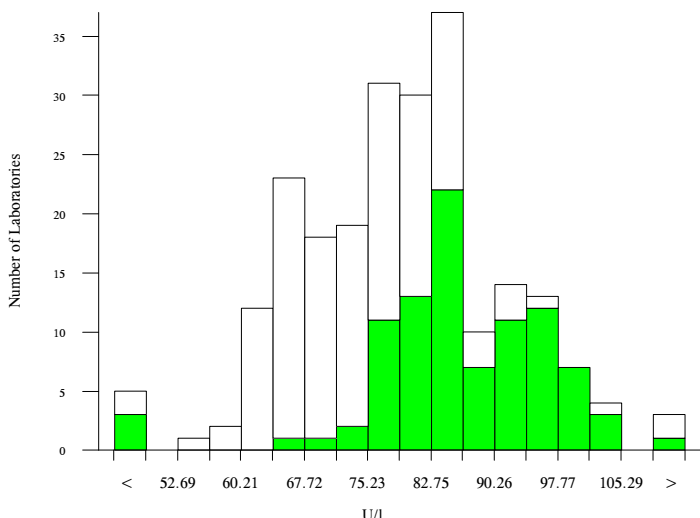


# hCG, free beta, U/I

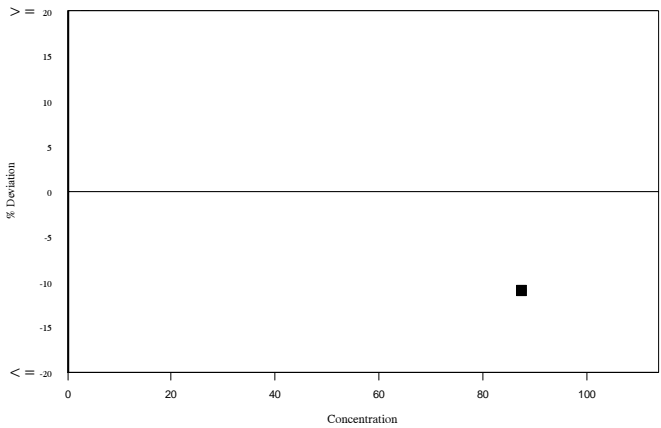
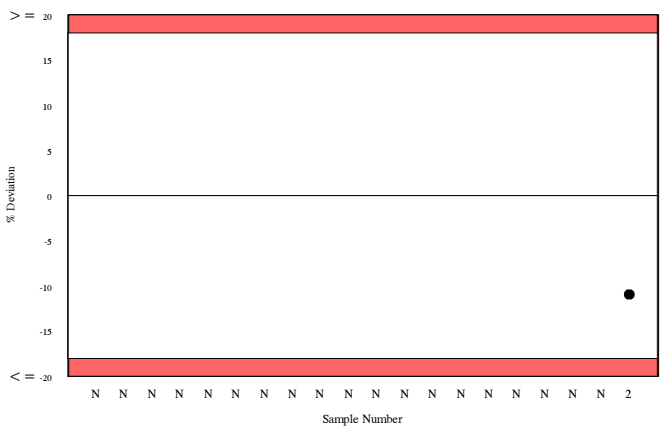
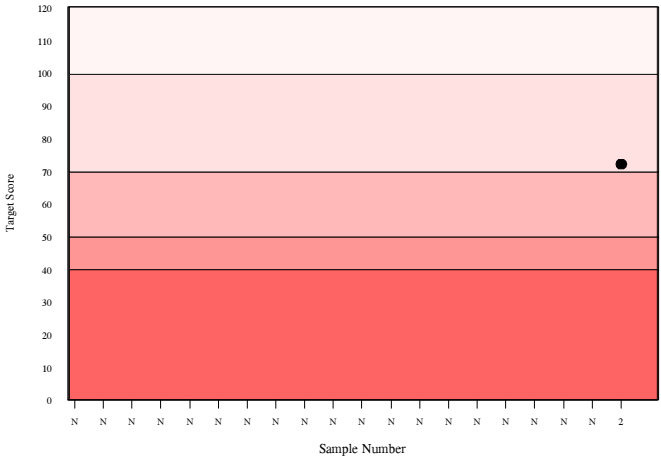
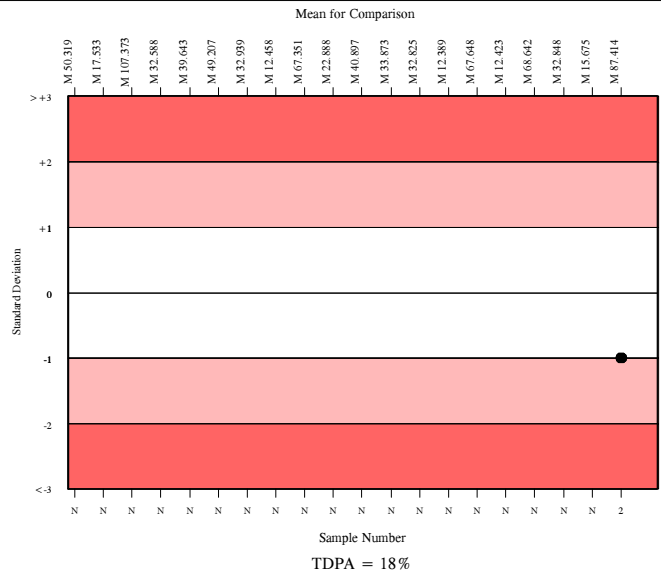
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	215	78.995	12.7	0.85	8.64	14
Siemens/DPC Immulite 2000/2500	88	87.414	8.8	1.02	9.57	6

▲ Your Result	77.850	SDI	-1.00
		RMSDI	Too Few
■ Mean for Comparison	87.414	TS	72
		RMTS	Too Few
		%DEV	-10.9
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000/2500	88	87.414	8.8	1.02
Perkin Elmer DELFIA Xpress/AutoDELFIA	35	75.495	8.2	1.31
Roche Cobas 6000/8000	31	65.434	5.1	0.75
Roche Cobas 4000/e411	26	71.762	7.7	1.36
Brahms, Krytor	16	81.334	5.1	1.29
Siemens/DPC Immulite 1000	13	82.996	9.0	2.60

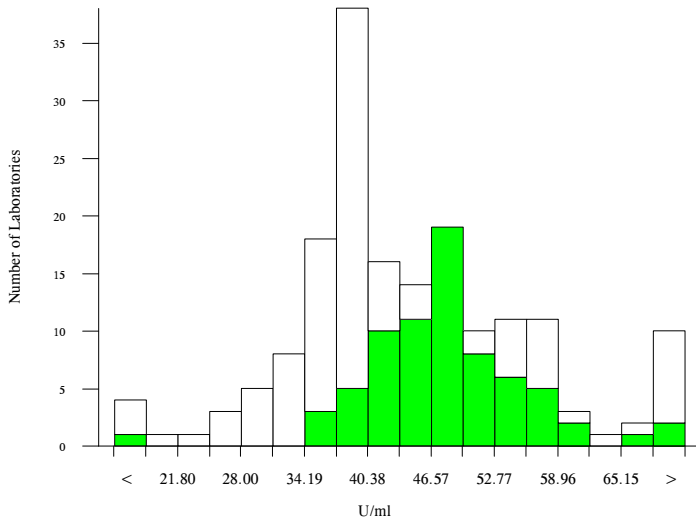


# hCG, total, U/ml

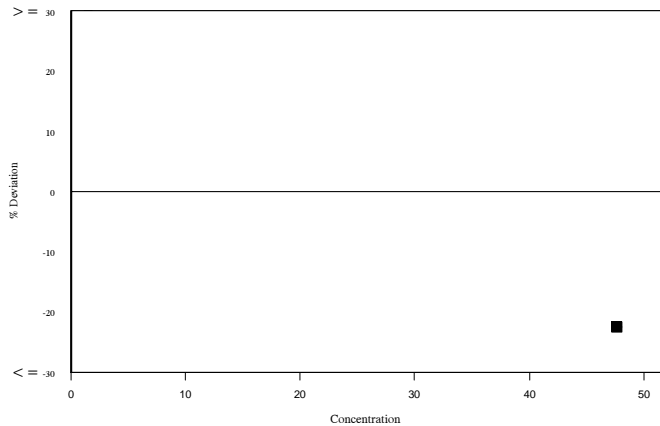
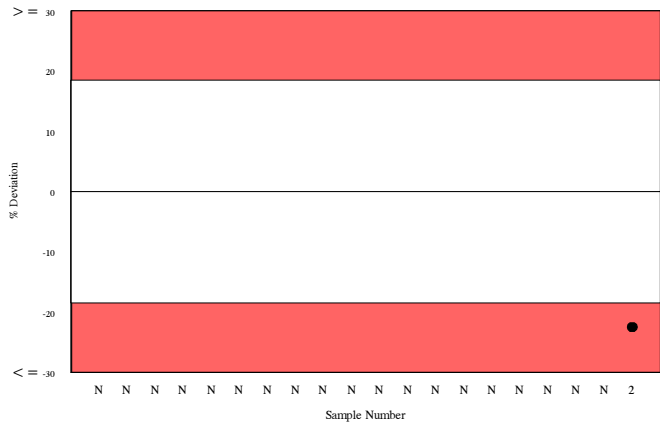
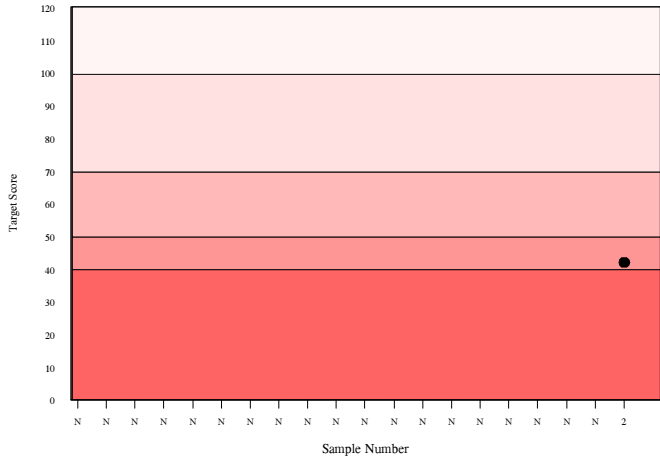
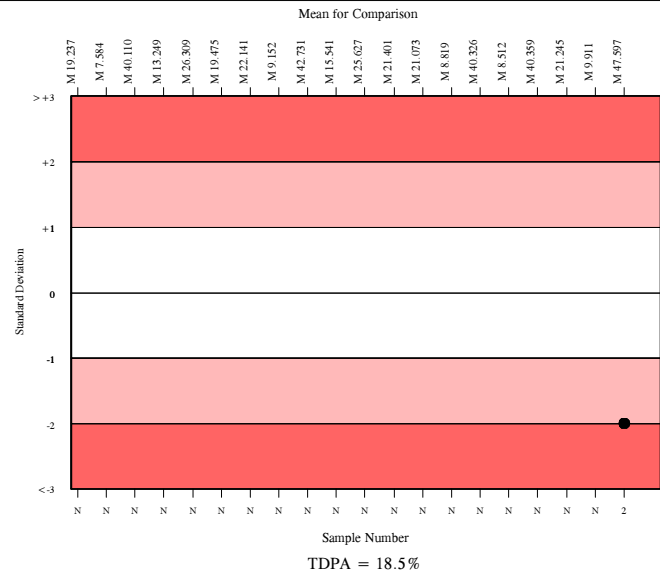
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	157	43.482	19.0	0.82	4.89	18
Siemens/DPC Immulite 2000/2500	65	47.597	11.5	0.85	5.35	8

▲ Your Result	36.900	SDI	-2.00
		RMSDI	Too Few
■ Mean for Comparison	47.597	TS	42
		RMTS	Too Few
		%DEV	-22.5
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	18.50%
TS & %DEV outside limits	



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000/2500	65	47.597	11.5	0.85
Roche hCG + Beta	21	38.226	5.4	0.56
Beckman DXI Total BhCG (5th IS)	14	37.755	5.6	0.71
Siemens/DPC Immulite 1000	13	60.850	13.1	2.76
Abbott Architect I2000/8200	10	34.043	5.6	0.75
Beckman Access	6	38.125	2.6	0.51
Beckman DxI 600 / 800	7	36.254	17.8	3.05
Siemens Centaur XP/XPT/Classic	5	28.342	2.3	0.36
Perkin Elmer DELFIA Xpress/AutoDELFIA	6	59.015	21.3	6.41
Beckman Access Total BhCG (5th IS)	4	39.154	6.4	1.56
Roche hCG STAT(Intact)	2	59.818	11.2	5.93



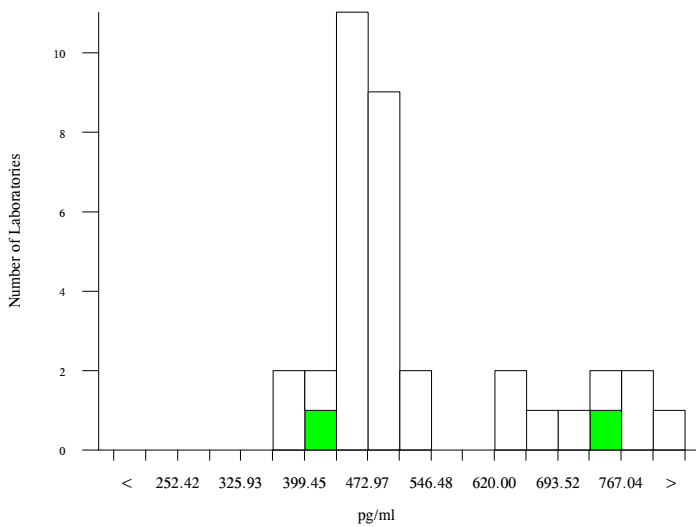
# Inhibin A, pg/ml

- All Methods
- Stat Fax Elisa Readers

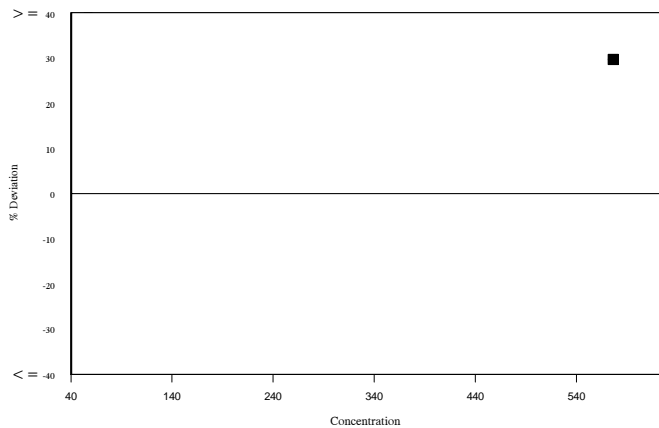
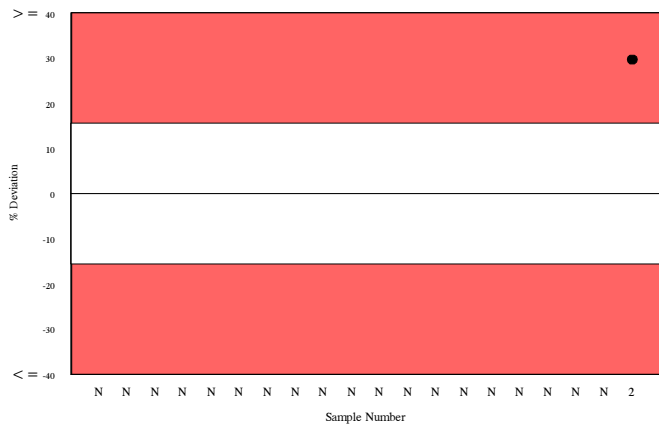
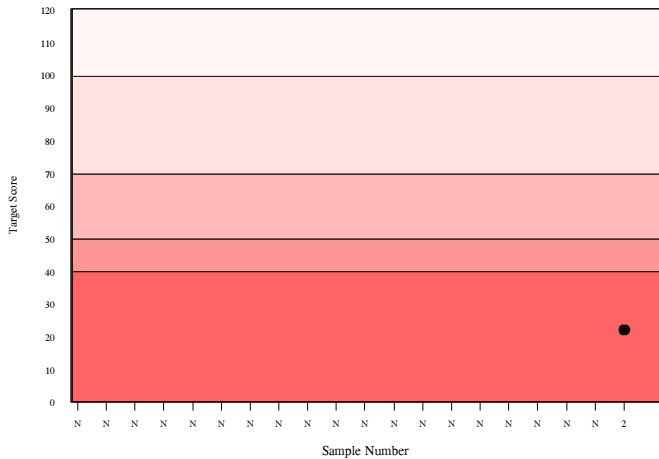
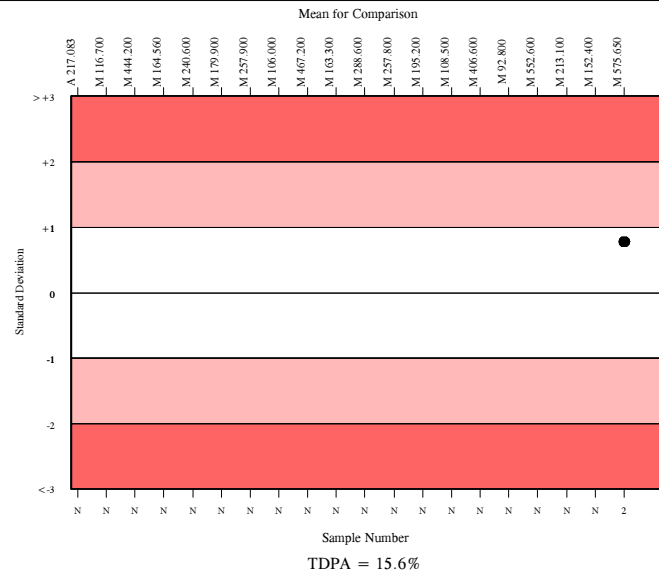
N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
32	509.731	19.2	21.66	52.97a	3
2	575.650	41.9	213.44	220.31a	0

<b>▲ Your Result</b>	746.400	SDI	0.78
		RMSDI	Too Few
<b>■ Mean for Comparison</b>	575.650	TS	22
		RMTS	Too Few
		%DEV	29.7
		RM%DEV	Too Few
<b>The mean for comparison is not statistically significant</b>			

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 <sub>m</sub>
Beckman DxI 600 / 800	12	484.892	4.7	8.18
Beckman Access	10	456.854	6.8	12.35
Active Inhibin A Elisa	7	630.977	17.8	53.00
Stat Fax Elisa Readers	2	575.650	41.9	213.44

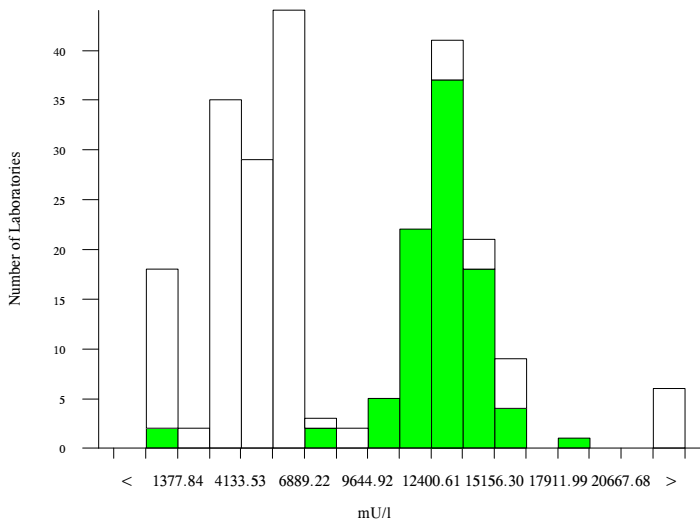


# PAPP-A, mU/l

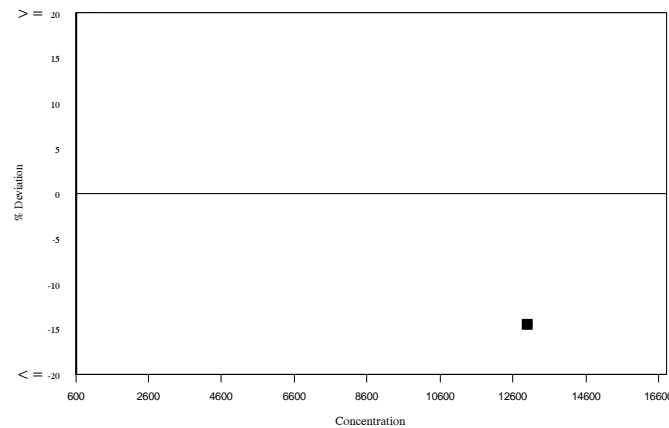
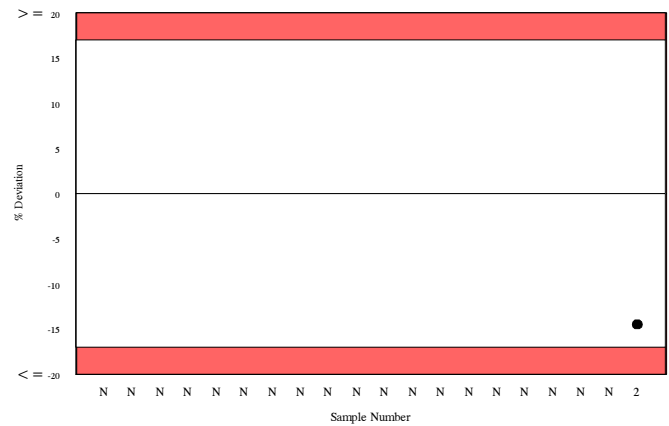
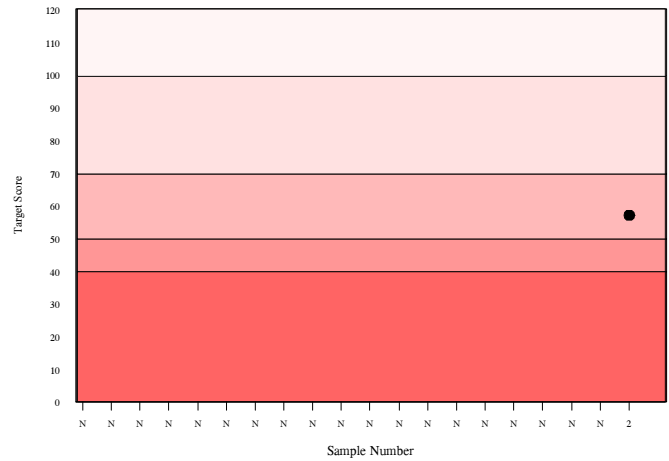
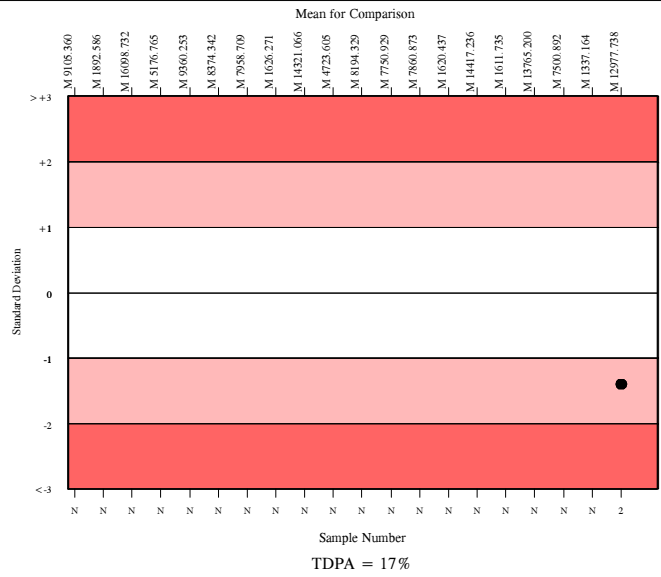
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
□ All Methods	230	8199.632	56.3	380.40	928.80a	11
■ Siemens/DPC Immulite 2000/2500	84	12977.738	9.4	167.00	1341.20	10

▲ Your Result	11100.000	SDI RMSDI	-1.40 Too Few
■ Mean for Comparison	12977.738	TS RMTS	57 Too Few
		%DEV RM%DEV	-14.5 Too Few

Acceptable limits derived from Biological Variation	15.1%
Acceptable limits of performance for RIQAS	17.00%



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000/2500	84	12977.738	9.4	167.00
Perkin Elmer DELFIA Xpress/AutoDELFIA	33	4122.244	7.2	64.20
Roche Cobas 6000/8000	27	5859.777	5.8	82.30
Roche Cobas 4000/e411	23	5936.826	7.0	107.50
Brahms, Krytor	13	3942.076	2.7	36.70
Siemens/DPC Immulite 1000	11	14654.545	6.5	360.00
Beckman Dxl 600 / 800	11	400.315	7.0	10.50
Beckman Access	3	382.440	0.6	1.50



# Unconjugated estriol, ng/ml

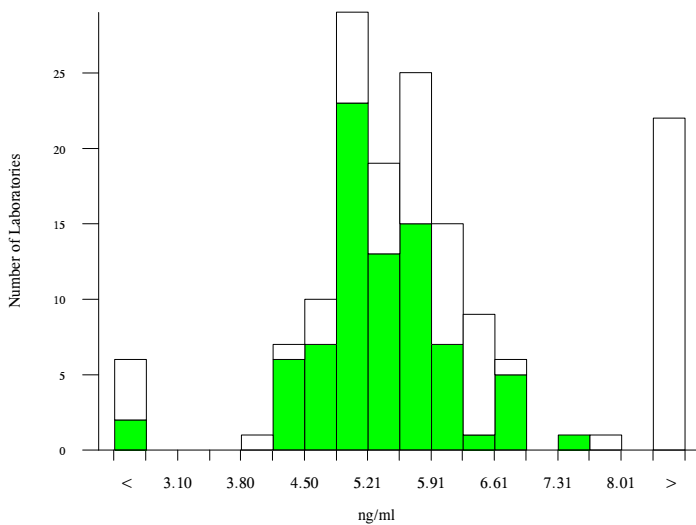
□ All Methods

■ DPC, Immulite 2000/2500

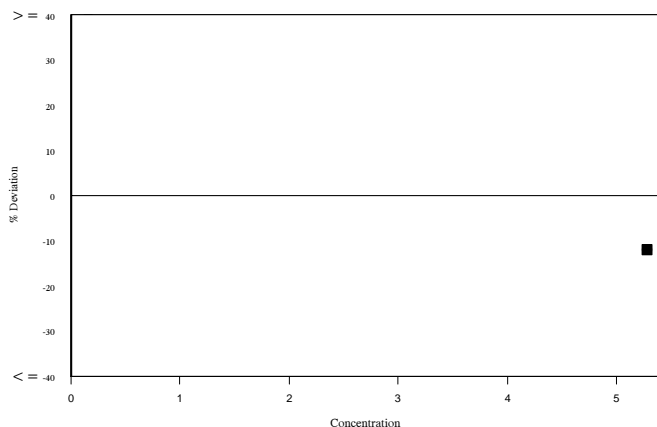
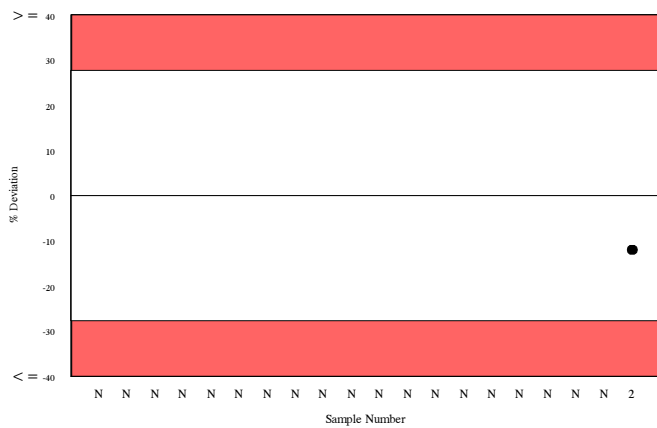
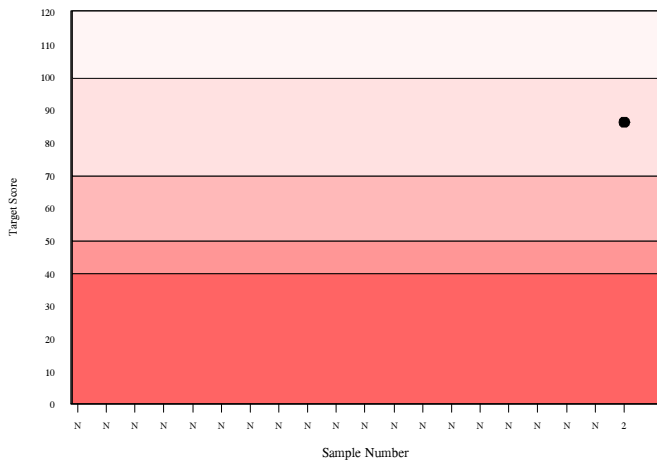
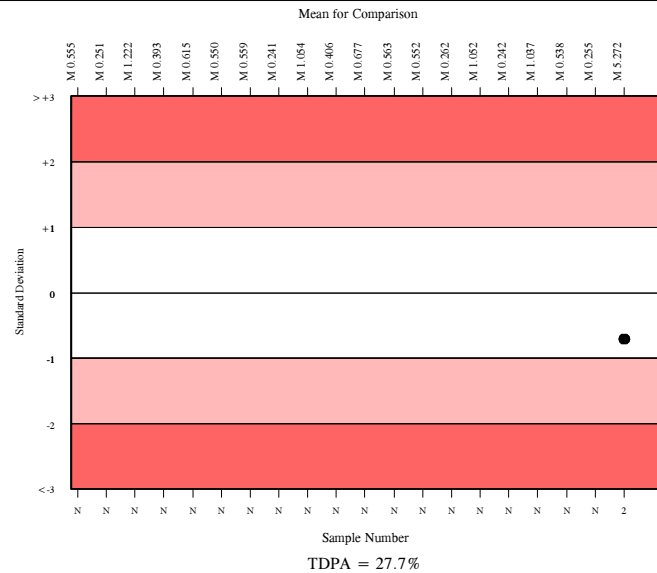
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	126	5.561	16.8	0.10	0.94	27
DPC, Immulite 2000/2500	72	5.272	9.4	0.07	0.89	9

▲ Your Result	4.640	SDI	-0.71
		RMSDI	Too Few
■ Mean for Comparison	5.272	TS	86
		RMTS	Too Few
		%DEV	-12.0
		RM%DEV	Too Few

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



Method	N	Mean	CV%	U <sub>m</sub>
DPC, Immulite 2000/2500	72	5.272	9.4	0.07
Beckman Dxl 600 / 800	17	6.001	5.1	0.09
Perkin Elmer DELFIA Xpress/AutoDELFIA	15	13.018	8.1	0.34
DPC, Immulite 1000	13	5.253	5.2	0.09
Beckman Access	6	6.320	2.3	0.07
Brahms, Kryptor	4	10.674	69.7	4.65



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
AFP	110.791	101.900	-1.10	Too Few	-8.0	Too Few	67	Too Few	
hCG, free beta	87.414	77.850	-1.00	Too Few	-10.9	Too Few	72	Too Few	
hCG, total	47.597	36.900	-2.00	Too Few	<u>-22.5</u>	Too Few	<u>42</u>	Too Few	
Inhibin A	575.650	746.400	0.78	Too Few	<u>29.7</u>	Too Few	<u>22</u>	Too Few	
PAPP-A	12977.738	11100.000	-1.40	Too Few	-14.5	Too Few	57	Too Few	
Unconjugated estriol	5.272	4.640	-0.71	Too Few	-12.0	Too Few	86	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

END OF REPORT

