

Dena Laboratory

# MATERNAL SCREENING

CYCLE 9 SAMPLE 12

## 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: 19/12/2017

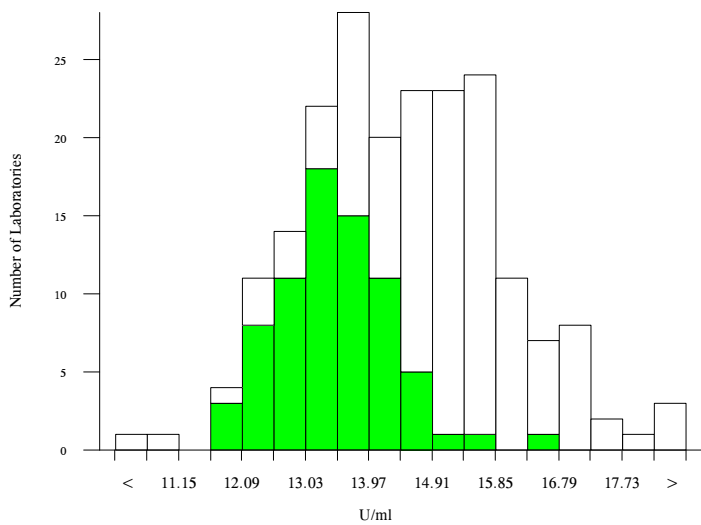
Randox Laboratories Limited  
55 Diamond Road  
CRUMLIN BT29 4QY  
Tel: +44 (0)28 9445 4399  
Fax: +44 (0)28 9445 4398  
Email: mail@riqas.com

# AFP, U/ml

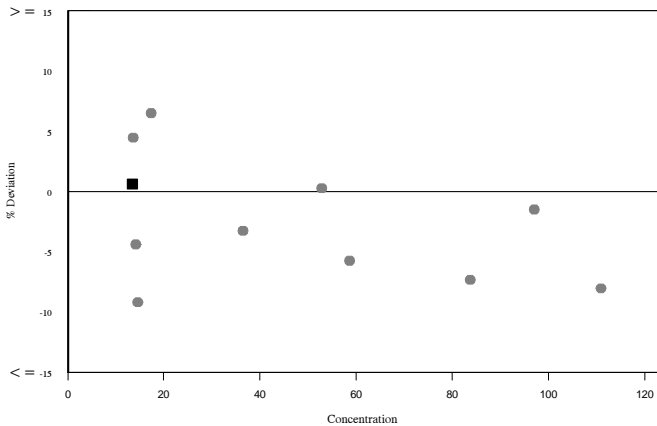
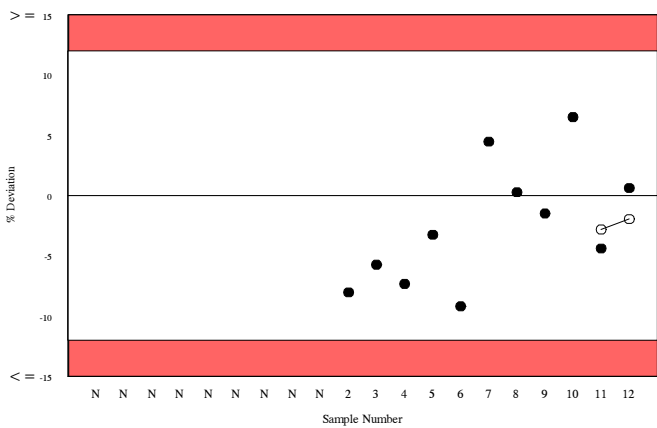
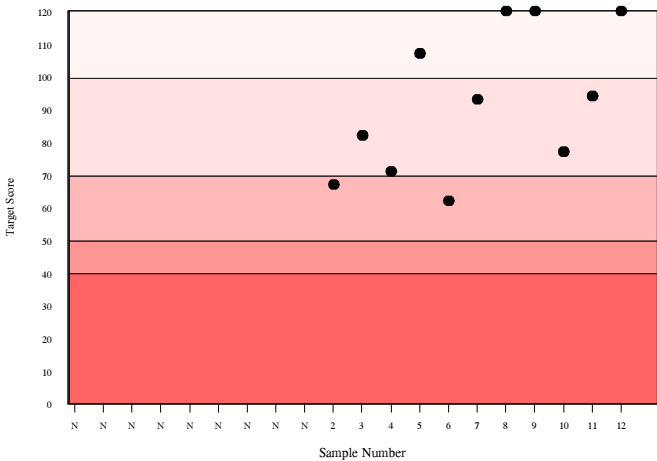
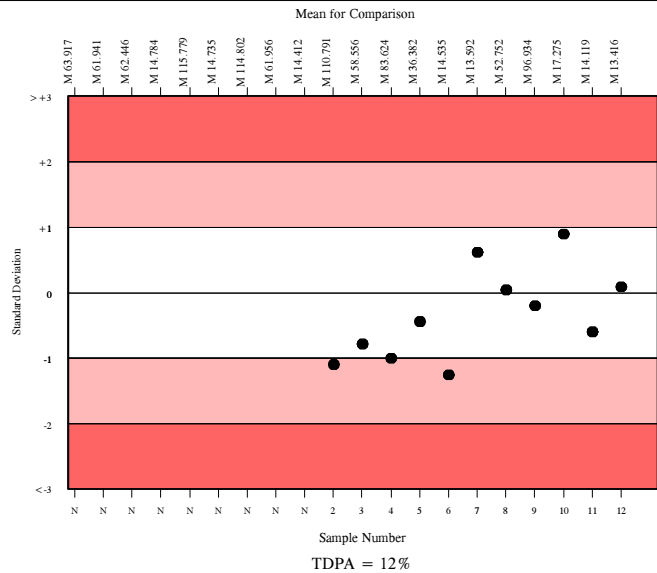
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	192	14.446	8.7	0.11	1.05	11
Siemens/DPC Immulite 2000/2500	69	13.416	5.2	0.11	0.98	5

▲ Your Result	13.500	SDI	0.09
		RMSDI	-0.27
■ Mean for Comparison	13.416	TS	120
		RMTS	94
		%DEV	0.6
		RM%DEV	-1.9

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	69	13.416	5.2	0.11
Perkin Elmer DELFIA Xpress/AutoDELFIA	28	15.650	4.0	0.15
Beckman DxI 600/800	23	14.820	5.6	0.22
Roche Cobas 4000/e411	13	15.110	5.5	0.29
Roche Cobas 6000/8000	14	15.836	4.5	0.24
Beckman Access/LXi725	11	15.831	8.8	0.52
Siemens/DPC Immulite 1000	9	14.046	3.4	0.20
Siemens Centaur XP/XPT/Classic	6	15.490	2.5	0.20
Abbott Architect	6	13.891	5.3	0.38
Brahms Kryptor	4	13.056	5.5	0.45
Roche Elecsys	2	14.175	0.3	0.04

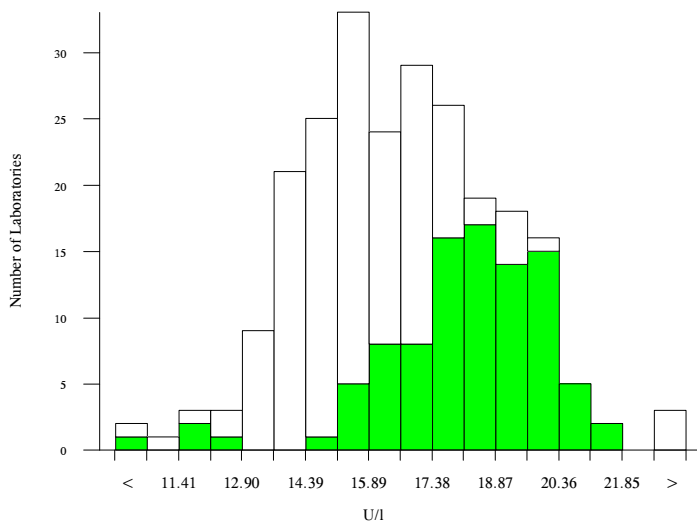


# hCG, free beta, U/I

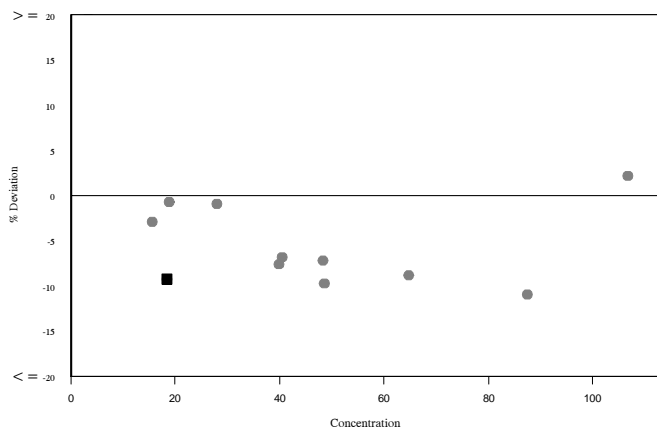
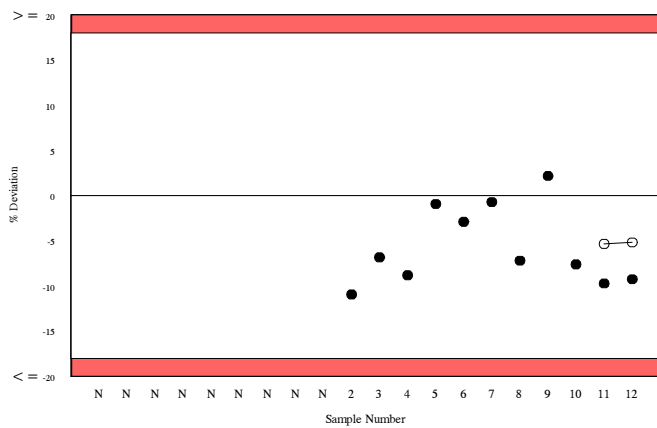
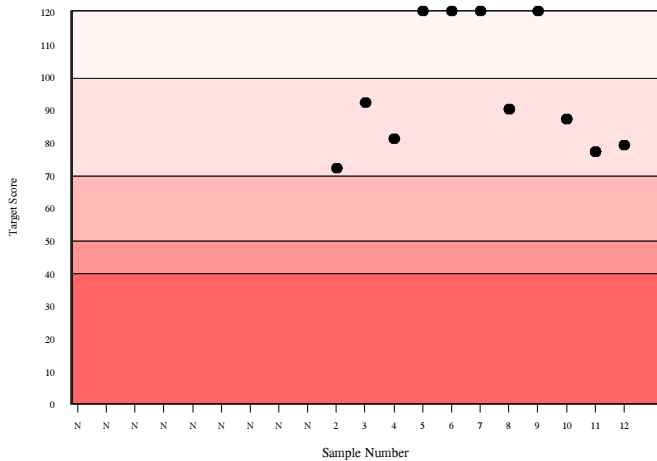
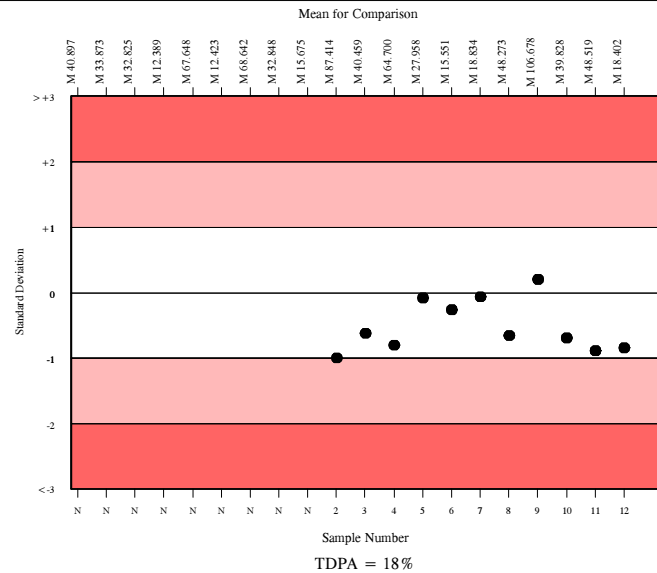
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	227	16.636	11.9	0.16	1.82	12
Siemens/DPC Immulite 2000/2500	88	18.402	7.6	0.19	2.01	7

▲ Your Result	16.700	SDI RMSDI	-0.85 -0.47
■ Mean for Comparison	18.402	TS RMTS	79 98
		%DEV RM%DEV	-9.3 -5.2

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	18.402	7.6	0.19
Perkin Elmer DELFIA Xpress/AutoDELFIA	41	16.178	5.3	0.17
Roche Cobas 4000/e411	34	14.590	7.2	0.23
Roche Cobas 6000/8000	25	14.046	3.9	0.14
Brahms, Kryptor	15	17.593	5.0	0.29
Siemens/DPC Immulite 1000	10	16.350	7.4	0.48

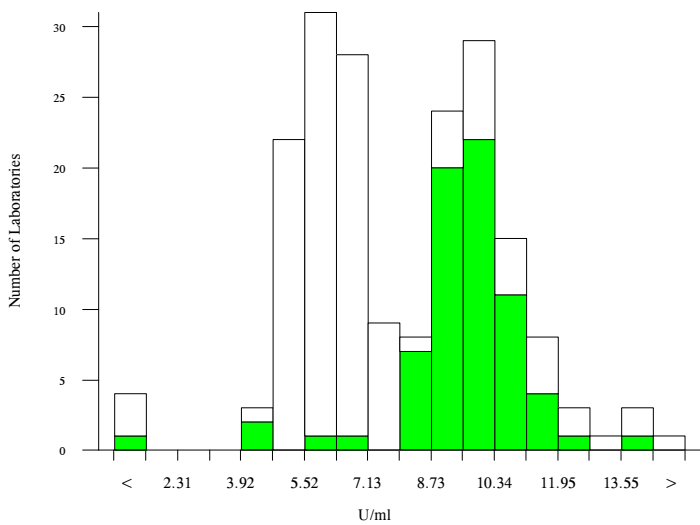


# hCG, total, U/ml

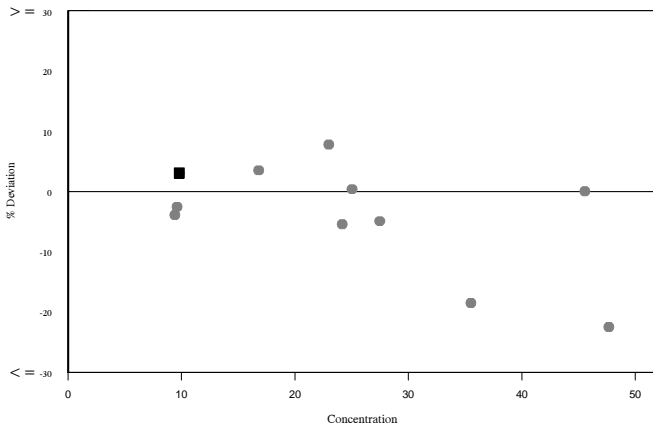
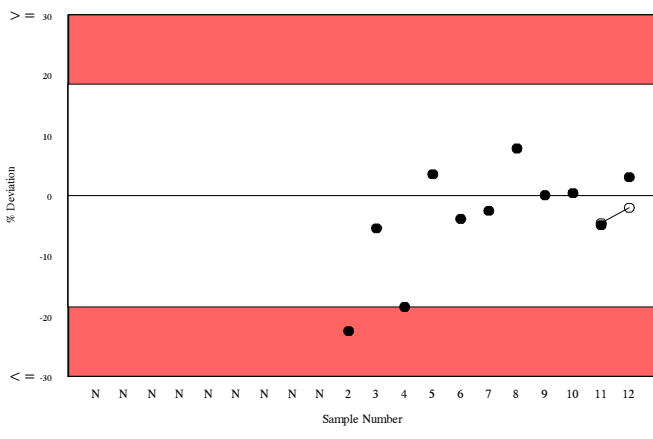
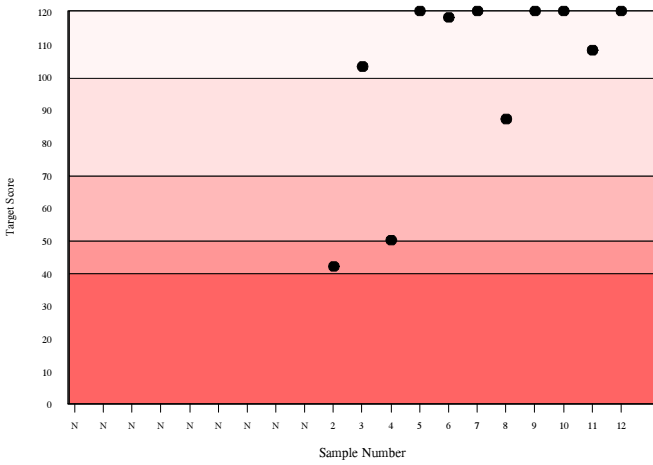
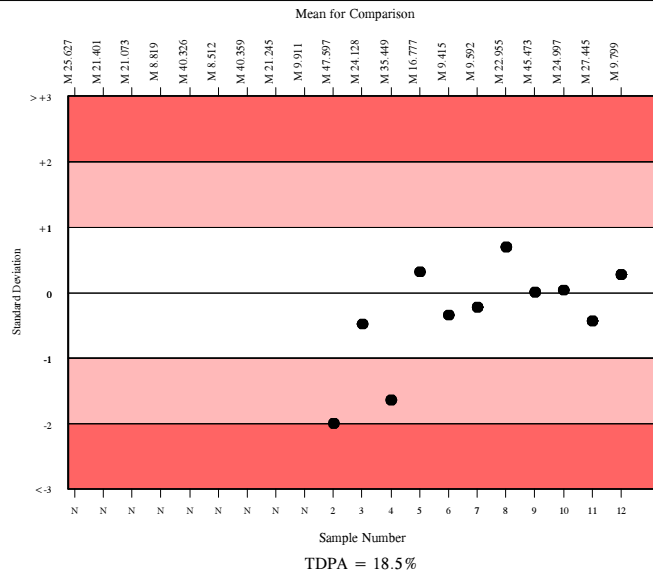
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	180	7.936	27.0	0.20	0.89	9
Siemens/DPC Immulite 2000/2500	60	9.799	7.7	0.12	1.10	11

▲ Your Result	10.100	SDI	0.27
		RMSDI	-0.18
■ Mean for Comparison	9.799	TS	120
		RMTS	106
		%DEV	3.1
		RM%DEV	-2.0

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



Method	N	Mean	CV%	U <sub>m</sub>
Siemens/DPC Immulite 2000/2500	60	9.799	7.7	0.12
Roche hCG + Beta	31	6.318	11.8	0.17
Beckman DXI Total BhCG (5th IS)	14	6.152	5.5	0.11
Abbott Architect I2000/8200	11	5.278	3.5	0.07
Siemens/DPC Immulite 1000	10	12.073	10.5	0.50
Beckman DxI 600/800	9	6.359	6.5	0.17
Beckman Access	8	6.575	6.7	0.20
Beckman Access Total BhCG (5th IS)	7	6.327	10.9	0.33
Siemens Centaur XP/XPT/Classic	6	5.144	6.5	0.17
Perkin Elmer DELFIA Xpress/AutoDELFIA	7	9.738	4.8	0.22
bioMerieux, Vidas/Mini Vidas	3	11.076	8.9	0.71
Roche hCG STAT(intact)	2	9.203	4.7	0.38



# Inhibin A, pg/ml

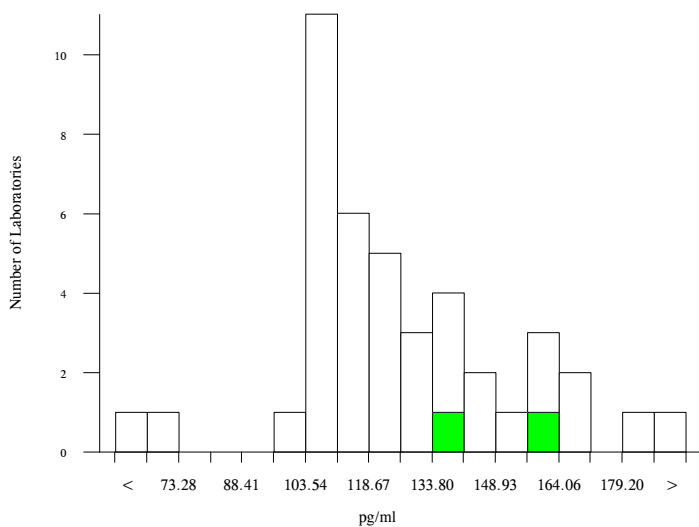
- All Methods
- Stat Fax Elisa Readers

N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
38	126.241	16.0	4.09	12.65a	4
2	150.800	9.3	12.37	18.91a	0

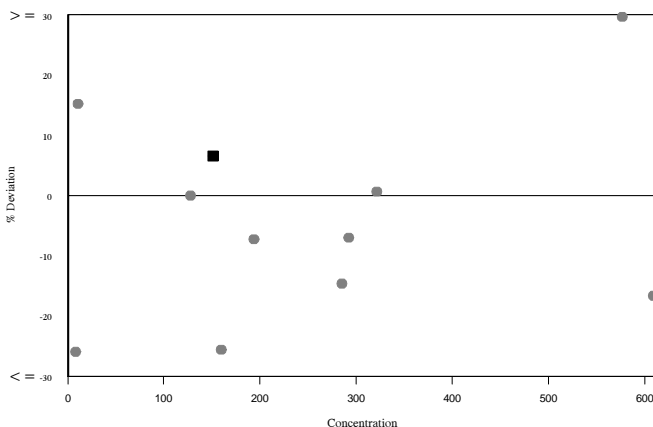
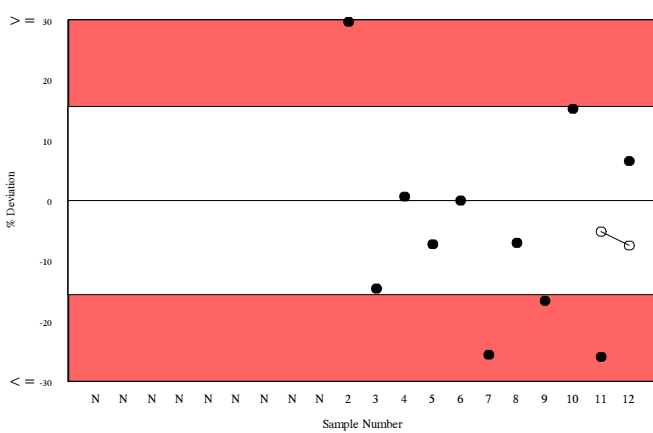
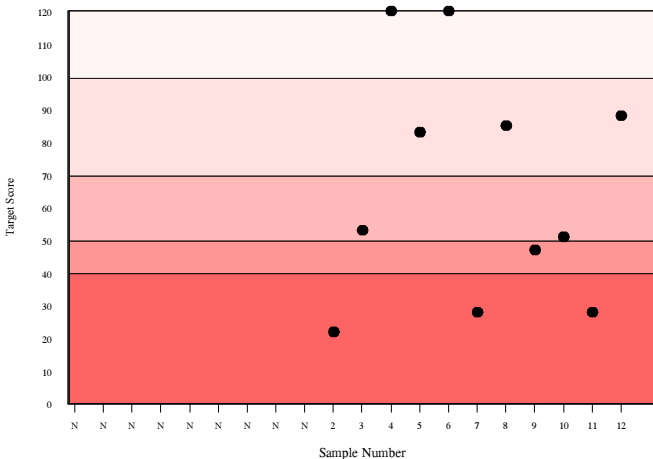
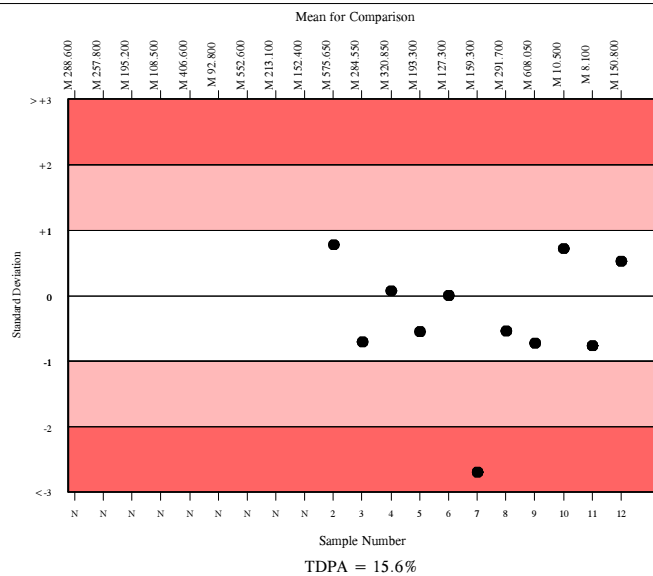
<span style="color: black;">▲</span> Your Result	160.700	SDI	0.52
		RMSDI	-0.47
<span style="color: green;">■</span> Mean for Comparison	150.800	TS	88
		RMTS	70
		%DEV	6.6
		RM%DEV	-7.4

**The mean for comparison is not statistically significant**

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	15.60%



Method	N	Mean	CV%	U <sub>m</sub>
Beckman DxI 600/800	12	115.426	7.7	3.19
Beckman Access	11	110.210	6.4	2.65
Beckman Inhibin A Active ELISA	5	132.900	8.1	6.05
ELISA	7	155.407	8.5	6.23
Perkin Elmer DELFIA Xpress/AutoDELFIA	2	164.100	15.8	22.87
Stat Fax Elisa Readers	2	150.800	9.3	12.37



**RIQAS**

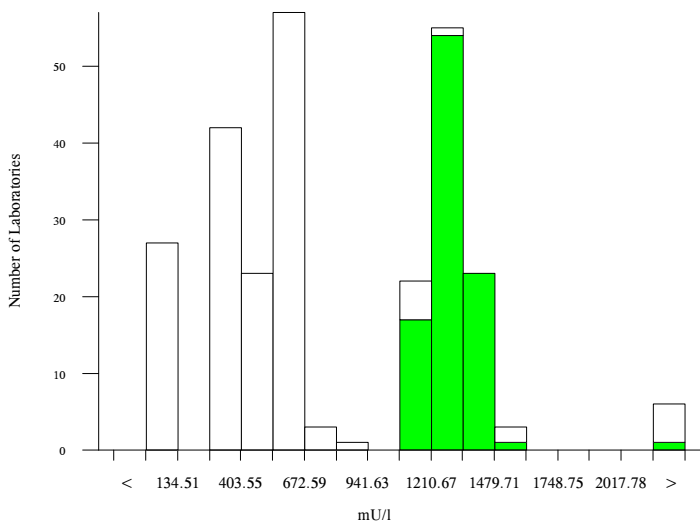
0010

# PAPP-A, mU/l

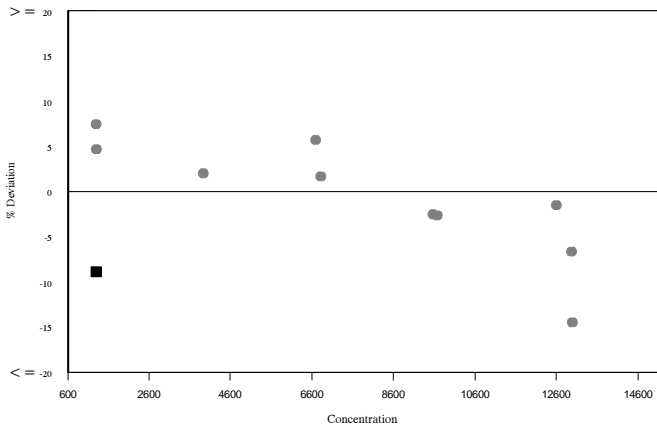
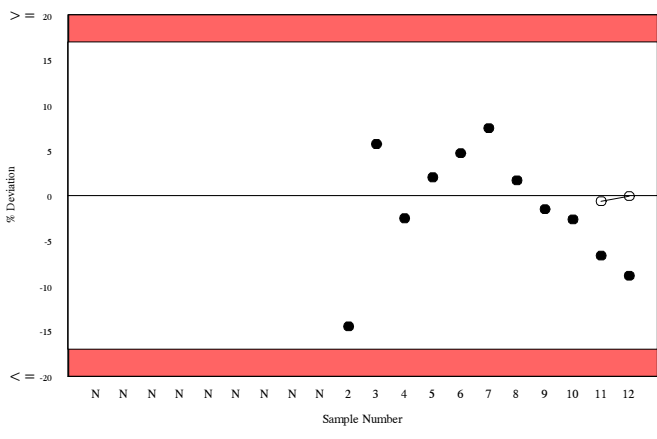
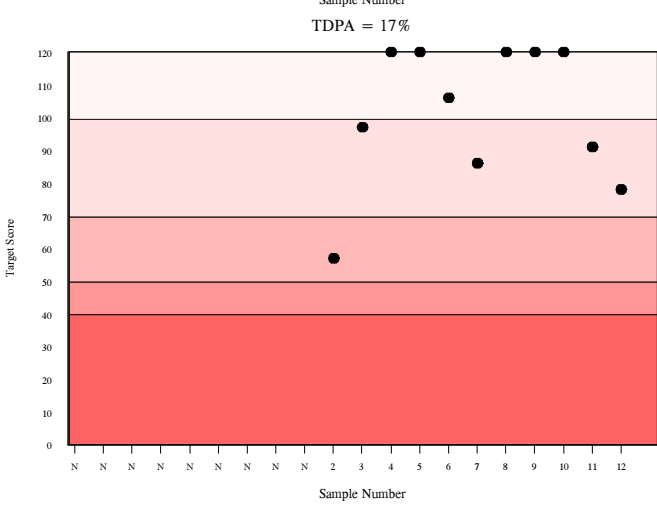
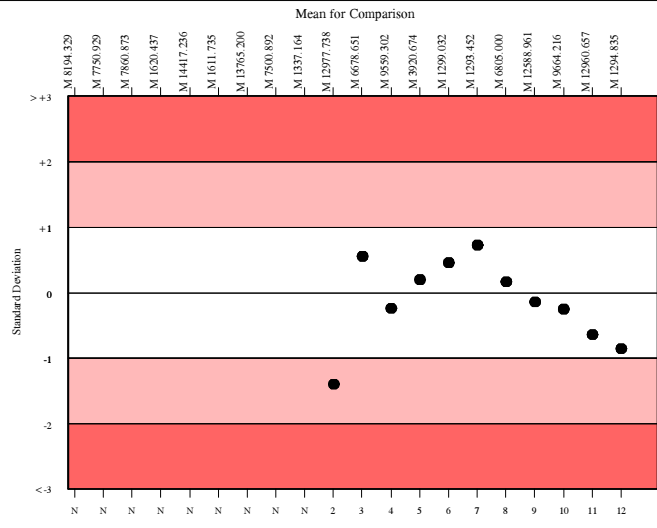
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
<input type="checkbox"/> All Methods	256	769.309	59.9	36.00	87.20a	6
<input checked="" type="checkbox"/> Siemens/DPC Immulite 2000/2500	91	1294.835	5.8	9.90	133.80	5

<input checked="" type="checkbox"/> Your Result	1180.000	SDI RMSDI	-0.86 -0.01
<input checked="" type="checkbox"/> Mean for Comparison	1294.835	TS RMTS	78 105
		%DEV RM%DEV	-8.9 -0.1

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	91	1294.835	5.8	9.90
Perkin Elmer DELFIA Xpress/AutoDELFIA	37	381.404	6.8	5.30
Roche Cobas 4000/e411	34	577.236	6.4	7.80
Roche Cobas 6000/8000	26	588.503	4.2	6.10
Beckman DxI 600/800	18	34.962	7.4	0.70
Brahms, Kryptor	13	395.384	2.0	2.70
Siemens/DPC Immulite 1000	8	1246.250	13.8	75.80
Beckman Access	8	35.027	15.1	2.30

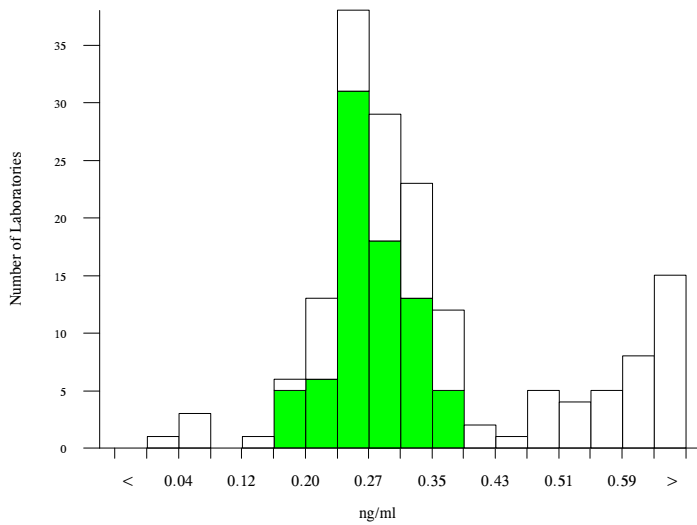


# Unconjugated estriol, ng/ml

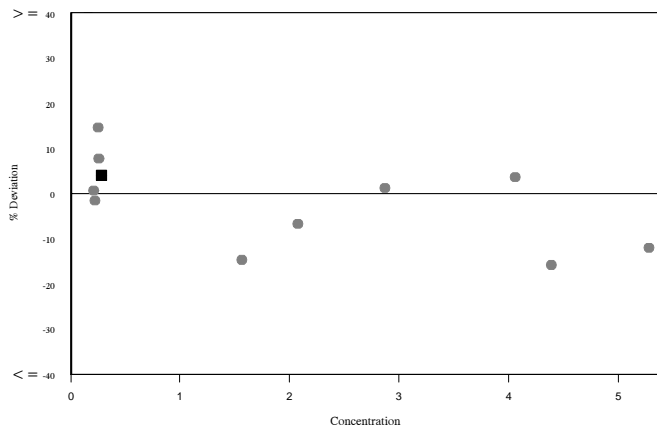
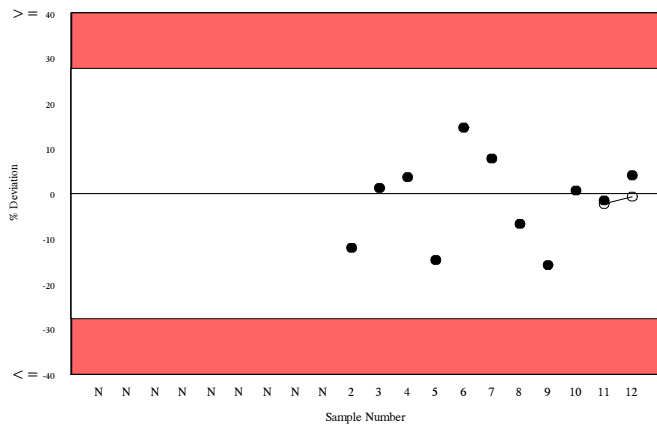
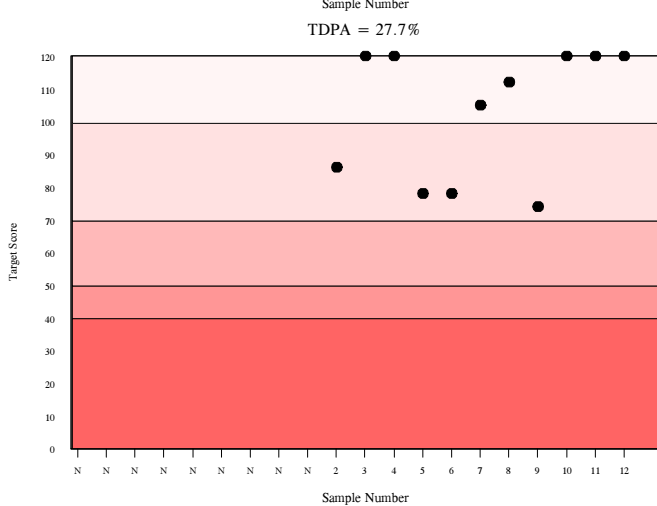
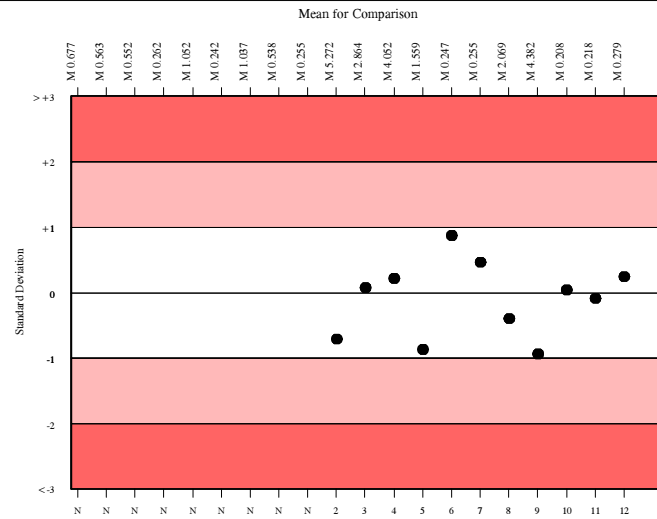
	N	Mean	CV%	U <sub>m</sub>	SDPA	Exc.
All Methods	145	0.318	32.9	0.01	0.05	21
DPC Immulite 2000/2500	75	0.279	14.8	0.01	0.05	3

▲ Your Result	0.290	SDI	0.24
		RMSDI	-0.04
■ Mean for Comparison	0.279	TS	120
		RMTS	104
		%DEV	4.1
		RM%DEV	-0.7

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	75	0.279	14.8	0.01
Perkin Elmer DELFIA Xpress/AutoDELFIA	26	0.571	9.7	0.01
Beckman DxI 600/800	24	0.329	12.5	0.01
Beckman Access	8	0.308	12.3	0.02
DPC Immulite 1000	10	0.234	10.1	0.01
Brahms, Kryptor	4	0.063	28.8	0.01
IBL ELISA	3	0.883	18.7	0.12
Demeditec ELISA	2	0.900	0.0	0.00
DRG ELISA	2	0.710	2.0	0.01



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
AFP	13.416	13.500	0.09	-0.27	0.6	-1.9	120	94	
hCG, free beta	18.402	16.700	-0.85	-0.47	-9.3	-5.2	79	98	
hCG, total	9.799	10.100	0.27	-0.18	3.1	-2.0	120	106	
Inhibin A	150.800	160.700	0.52	-0.47	6.6	-7.4	88	70	
PAPP-A	1294.835	1180.000	-0.86	-0.01	-8.9	-0.1	78	105	
Unconjugated estriol	0.279	0.290	0.24	-0.04	4.1	-0.7	120	104	

ORMSDI -0.24

ORM%DEV -2.9

ORMTS 96

END OF REPORT

