

Dear Colleague

Please find enclosed the results for sample Q1/173.

The results for IgG, IgA, IgM and Subclasses are expressed in g/L, results for Tetanus and Diphtheria are expressed in IU/mL and the results for PCP and Hib are expressed in mg/L, outliers more than 3 standard deviations from the mean have been excluded.

The next sample on QA001 Subclass Scheme (Q1/174) will be distributed in May 2020.

Please do not hesitate to contact us if you have any queries regarding any of the schemes, quoting your assigned laboratory number at all times.

Yours faithfully



JOANNE TAYLOR
QA Organiser

Enc

AAGK1PMP404F/Appendix 1

Please find enclosed the results for sample Q1173.
The results for IgG, IgA, IgM and Substances are expressed in AU, results for Tetanus and
Diphtheria are expressed in IU/ml and the results for PCP and Hib are expressed in ng/ml.
Outliers more than 3 standard deviations from the mean have been excluded.
The next sample on Q1173 Substances scheme (Q1174) will be distributed in May 2010.
Please do not hesitate to contact us if you have any queries regarding any of our schemes.
During our regular laboratory contact at all times.

Yours faithfully

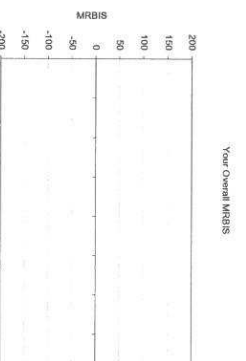
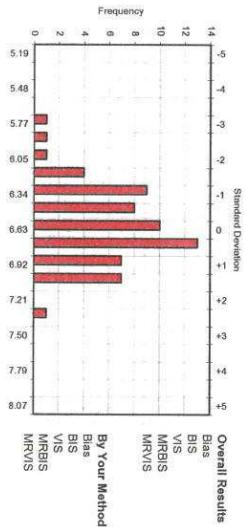

Liz Taylor
Quality Assurance



Distribution Number : 173
 Date : Mar-20
 Specimen : C1/173

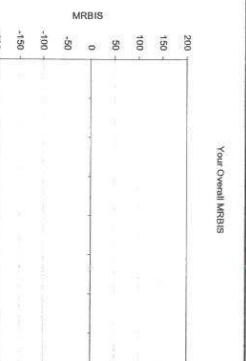
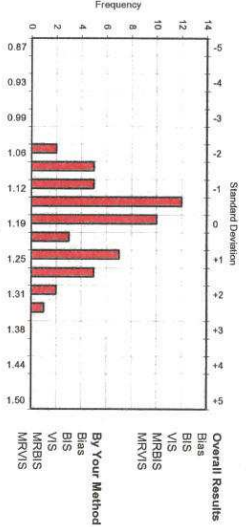
IgG

Methods	n	Mean	SD	CV
Overall	62	6.70	0.30	4.52%
Other	1	6.43	0.00	0.00%
Beckman Inst, Beckman Rgt & Cal	10	6.79	0.31	4.59%
Siemens BNI/Prospec, Siemens Rgt & Cal	11	6.66	0.42	6.13%
Roche Inst, Roche Rgt & Cal	14	6.50	0.18	2.26%
Binding Site SPA/US@ Inst, Binding Site Rgt & Cal	6	6.40	0.29	4.51%
Binding Site Optille, Binding Site Rgt & Cal	17	6.73	0.29	4.46%
Abbott Inst, Abbott Rgt & Cal	3	6.73	0.12	1.53%



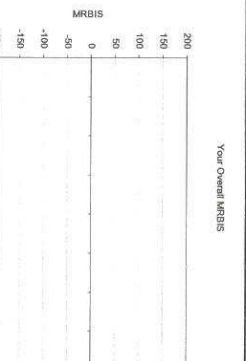
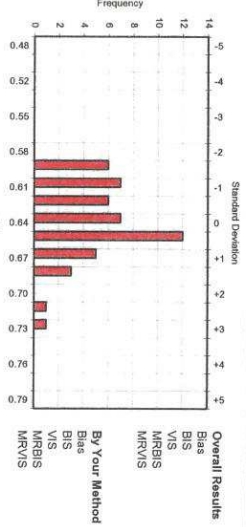
IgA

Methods	n	Mean	SD	CV
Overall	52	1.20	0.07	5.57%
Other	1	1.28	0.00	0.00%
Beckman Inst, Beckman Rgt & Cal	10	1.17	0.05	4.59%
Siemens BNI/Prospec, Siemens Rgt & Cal	9	1.30	0.03	2.04%
Roche Inst, Roche Rgt & Cal	13	1.17	0.04	3.10%
Binding Site SPA/US@ Inst, Binding Site Rgt & Cal	4	1.17	0.03	2.27%
Binding Site Optille, Binding Site Rgt & Cal	12	1.19	0.06	5.32%
Abbott Inst, Abbott Rgt & Cal	3	1.21	0.02	1.55%



IgM

Methods	n	Mean	SD	CV
Overall	48	0.65	0.03	5.03%
Other	1	0.63	0.00	0.00%
Beckman Inst, Beckman Rgt & Cal	10	0.65	0.03	4.32%
Siemens BNI/Prospec, Siemens Rgt & Cal	8	0.66	0.02	3.45%
Roche Inst, Roche Rgt & Cal	11	0.62	0.02	3.82%
Binding Site SPA/US@ Inst, Binding Site Rgt & Cal	4	0.67	0.04	6.38%
Binding Site Optille, Binding Site Rgt & Cal	11	0.65	0.03	4.69%
Abbott Inst, Abbott Rgt & Cal	3	0.63	0.02	3.28%

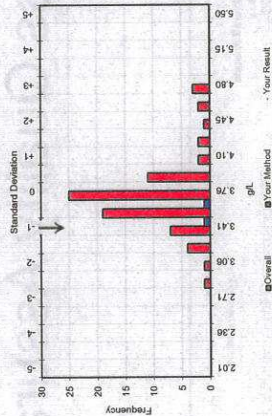


Your Result : Not Submitted Your Method :

IGG1

Methods	n	Mean	SD	CV
Overall	78	3.84	0.37	6.63%
Other	4	3.73	0.75	20.07%
Siemens BNI/Prospect, Siemens Rgt & Cal	8	4.46	0.83	20.77%
Siemens BNI/Prospect, Binding Site Rgt & Cal	9	3.74	0.14	3.74%
Beckman Inst., Beckman Rgt & Cal	1	4.39	0.00	0.00%
Binding Site SPAPLUS® Inst., Binding Site Rgt & Cal	15	3.89	0.11	2.73%
Binding Site Optilite, Binding Site Rgt & Cal	38	3.73	0.23	6.06%
Beckman Inst., Binding Site Rgt & Cal	2	3.59	0.14	3.77%
Roche Inst., Binding Site Rgt & Cal	3	3.77	0.09	2.45%

Overall Results	By Your Method
Bias	Bias
-10.21	-3.77
MRBS	MRBS
-43.83	-22.54
VIS	VIS
83.83	33.54
MRBS	MRBS
-43.18	-24.82
MRVIS	MRVIS
83.18	32.30



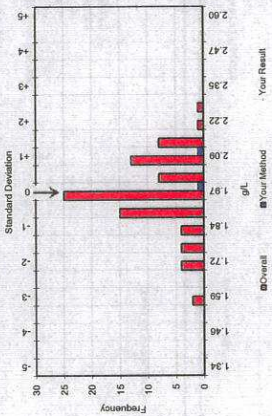
Your Result : 3.45

Your Method : Beckman Inst., Binding Site Rgt & Cal

IGG2

Methods	n	Mean	SD	CV
Overall	65	2.00	0.13	6.63%
Other	4	2.78	0.36	20.00%
Binding Site BID, Binding Site Rgt & Cal	8	1.75	0.07	4.19%
Siemens BNI/Prospect, Siemens Rgt & Cal	9	2.06	0.12	5.90%
Siemens BNI/Prospect, Binding Site Rgt & Cal	1	2.17	0.00	0.00%
Roche Inst., Roche Rgt & Cal	1	2.30	0.00	0.00%
Beckman Inst., Beckman Rgt & Cal	1	2.30	0.00	0.00%
Binding Site SPAPLUS® Inst., Binding Site Rgt & Cal	15	1.98	0.07	3.54%
Binding Site Optilite, Binding Site Rgt & Cal	39	2.01	0.10	5.04%
Beckman Inst., Binding Site Rgt & Cal	2	2.07	0.04	2.18%
Roche Inst., Binding Site Rgt & Cal	6	2.11	0.09	4.12%

Overall Results	By Your Method
Bias	Bias
1.02	-2.18
MRBS	MRBS
6.42	-13.71
VIS	VIS
-17.36	-9.81
MRBS	MRBS
30.42	13.82



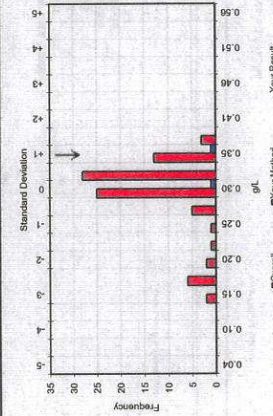
Your Result : 2.02

Your Method : Beckman Inst., Binding Site Rgt & Cal

IGG3

Methods	n	Mean	SD	CV
Overall	86	0.32	0.05	17.21%
Other	4	0.25	0.07	27.42%
Siemens BNI/Prospect, Siemens Rgt & Cal	8	0.19	0.03	14.29%
Siemens BNI/Prospect, Binding Site Rgt & Cal	9	0.33	0.01	4.29%
Roche Inst., Roche Rgt & Cal	1	0.30	0.00	0.00%
Beckman Inst., Beckman Rgt & Cal	1	0.33	0.00	0.00%
Binding Site SPAPLUS® Inst., Binding Site Rgt & Cal	16	0.33	0.02	5.85%
Binding Site Optilite, Binding Site Rgt & Cal	39	0.34	0.02	6.31%
Beckman Inst., Binding Site Rgt & Cal	2	0.34	0.02	5.88%
Roche Inst., Binding Site Rgt & Cal	6	0.31	0.02	5.06%

Overall Results	By Your Method
Bias	Bias
14.05	5.88
MRBS	MRBS
87.80	36.76
VIS	VIS
47.50	36.76
MRBS	MRBS
51.44	25.01



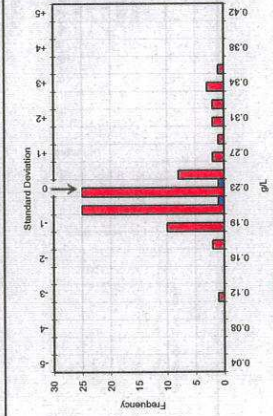
Your Result : 0.36

Your Method : Beckman Inst., Binding Site Rgt & Cal

IGG4

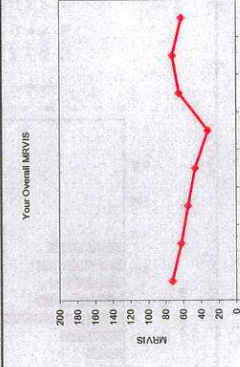
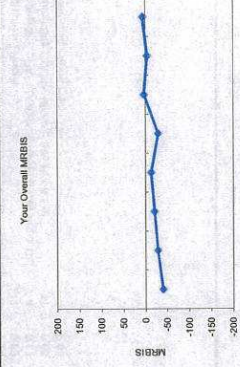
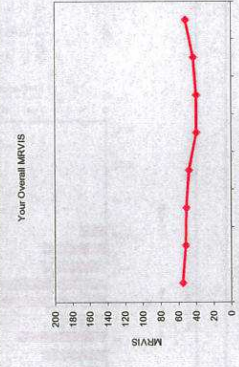
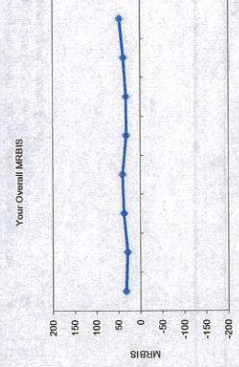
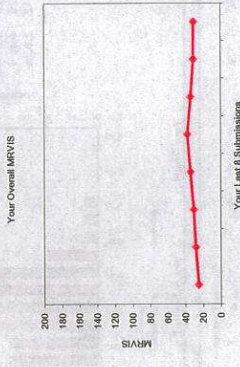
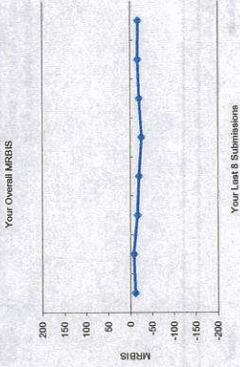
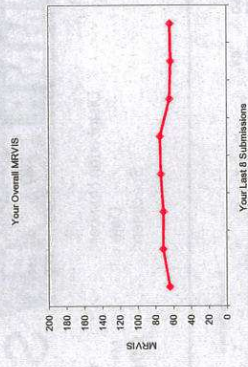
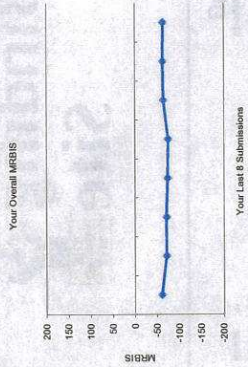
Methods	n	Mean	SD	CV
Overall	82	0.24	0.04	16.95%
Other	4	0.24	0.08	32.95%
Siemens BNI/Prospect, Siemens Rgt & Cal	8	0.33	0.06	17.95%
Siemens BNI/Prospect, Binding Site Rgt & Cal	9	0.22	0.01	4.50%
Roche Inst., Roche Rgt & Cal	1	0.22	0.00	0.00%
Beckman Inst., Beckman Rgt & Cal	1	0.32	0.00	0.00%
Binding Site SPAPLUS® Inst., Binding Site Rgt & Cal	15	0.22	0.01	4.54%
Binding Site Optilite, Binding Site Rgt & Cal	39	0.24	0.01	4.99%
Beckman Inst., Binding Site Rgt & Cal	2	0.23	0.01	4.76%
Roche Inst., Binding Site Rgt & Cal	4	0.23	0.01	5.34%

Overall Results	By Your Method
Bias	Bias
0.17	4.78
MRBS	MRBS
1.06	30.08
VIS	VIS
1.06	30.08
MRBS	MRBS
5.97	40.55
MRVIS	MRVIS
61.75	53.04



Your Result : 0.24

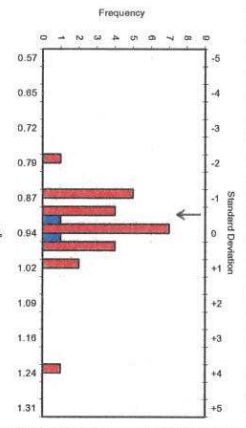
Your Method : Beckman Inst., Binding Site Rgt & Cal



Distribution Number: 173
 Date: Mar-20
 Specimen: Q1/173

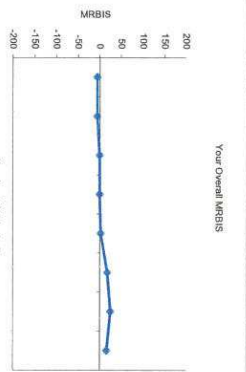
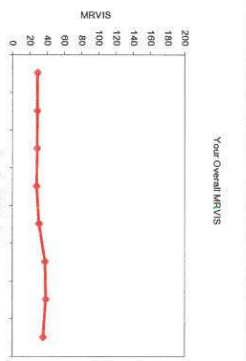
IgA1

Methods	n	Mean	SD	CV
Overall	24	0.96	0.08	8.06%
Binding Site RID Binding Site Rgt & Cal	1	1.36	0.00	0.00%
Binding Site RID Binding Site Rgt & Cal	1	1.26	0.00	0.00%
Binding Site RID Binding Site Rgt & Cal	10	0.94	0.04	3.81%
Binding Site SPAP(US@) Inst. Binding Site Rgt & Cal	3	0.93	0.02	2.67%
Binding Site Optilia Binding Site Rgt & Cal	8	0.93	0.02	2.67%
Beckman Inst., Binding Site Rgt & Cal	2	0.93	0.02	1.82%



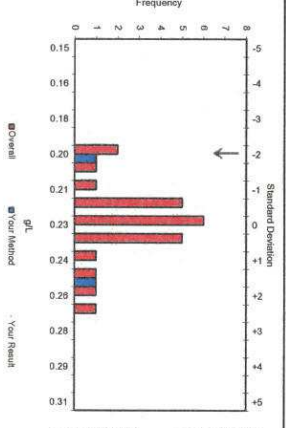
Overall Results

Method	Bias
Overall	-4.58
BIS	-28.78
VIS	28.78
MRBIS	16.15
MRVIS	35.76



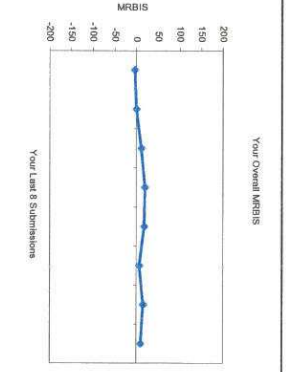
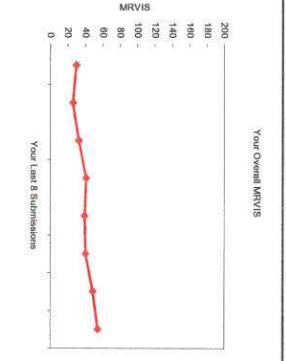
IgA2

Methods	n	Mean	SD	CV
Overall	24	0.23	0.02	7.24%
Other	1	0.31	0.00	0.00%
Binding Site RID Binding Site Rgt & Cal	2	0.23	0.03	12.00%
Stemena BNI/Prospec Binding Site Rgt & Cal	10	0.23	0.01	6.41%
Binding Site SPAP(US@) Inst. Binding Site Rgt & Cal	3	0.24	0.03	11.45%
Binding Site Optilia Binding Site Rgt & Cal	8	0.23	0.01	2.31%
Beckman Inst., Binding Site Rgt & Cal	1	0.21	0.00	0.00%



Overall Results

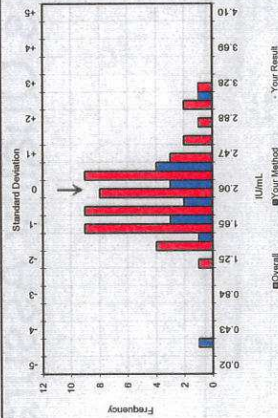
Method	Bias
Overall	-14.54
BIS	-91.46
VIS	91.46
MRBIS	9.30
MRVIS	54.58



a-Tetanus toxoid IgG

Methods
Overall
Other
Binding Site ELISA

n	Mean	SD	CV
15	2.03	0.56	27.77%
35	2.17	0.45	20.71%



Your Result: = 2.1

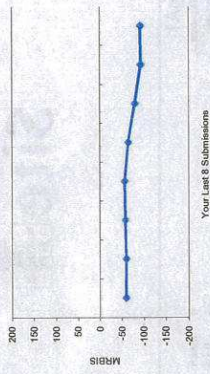
Your Method: Other

Overall Results

Bias	-2.94
BIS	-19.58
MRBS	19.58
MRVIS	-91.06
MRVIS	91.06

By Your Method

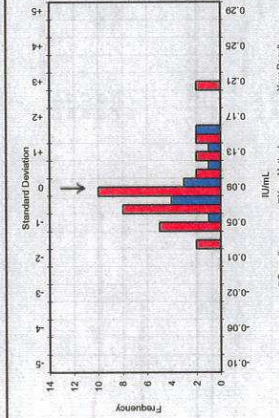
Bias	3.60
BIS	24.01
VIS	-24.01
MRBS	-105.25
MRVIS	111.05



a-Diphtheria toxoid IgG

Methods
Overall
Other
Binding Site ELISA

n	Mean	SD	CV
33	0.10	0.04	40.17%
12	0.11	0.03	27.28%
21	0.10	0.05	48.30%



Your Result: = 0.1

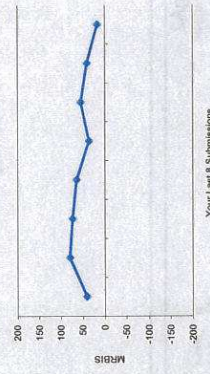
Your Method: Other

Overall Results

Bias	-1.43
BIS	-6.56
VIS	7.29
MRBS	17.30
MRVIS	121.48

By Your Method

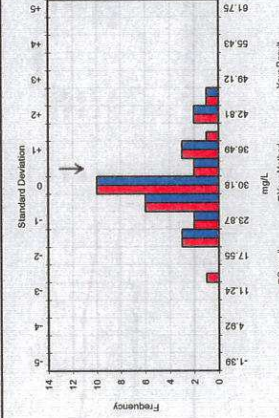
Bias	-5.51
BIS	-36.75
VIS	36.75
MRBS	-61.28
MRVIS	140.22



a-PCP IgG

Methods
Overall
Other
Binding Site ELISA

n	Mean	SD	CV
31	31.76	6.63	20.87%
2	28.70	11.70	40.77%
28	31.97	6.07	18.99%



Your Result: = 33.6

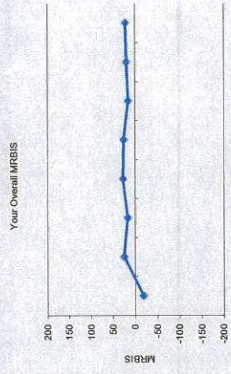
Your Method: Binding Site ELISA

Overall Results

Bias	5.80
BIS	36.67
VIS	36.67
MRBS	22.31
MRVIS	41.68

By Your Method

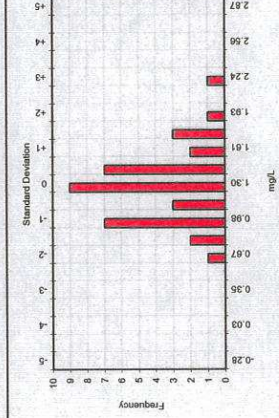
Bias	5.10
BIS	34.02
VIS	34.02
MRBS	19.20
MRVIS	38.83



a-Hib IgG

Methods
Overall
Other
Binding Site ELISA

n	Mean	SD	CV
36	1.37	0.33	24.09%
2	1.74	0.54	31.03%
34	1.35	0.30	22.24%



Your Result: Not Submitted

Your Method: Not Submitted

Overall Results

Bias	
BIS	
VIS	
MRBS	
MRVIS	

By Your Method

Bias	
BIS	
VIS	
MRBS	
MRVIS	

