Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	CA125					
Method			All lab			
mean	19.3	25.1	38.4	30.2	37.8	
SD	2.5	3.3	5.4	3.7	4.6	
%CV	12.9%	13.3%	14.0%	12.3%	12.1%	
mean+3SD	26.8	35.2	54.5	41.4	51.6	
mean-3SD	11.8	15.1	22.3	19.1	24.0	
N	114	115	116	114	114	
mean/all kit median	1.02	0.99	1.00	0.98	1.01	1.00

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	CA125					
Method	ABB	AB1	Abbott Axsym			
mean	20.0	26.0	38.7	32.0	39.2	
SD	2.4	2.9	5.5	3.2	3.3	
%CV	11.8%	11.3%	14.1%	9.9%	8.5%	
mean+3SD	27.1	34.9	55.2	41.4	49.3	
mean-3SD	12.9	17.2	22.3	22.5	29.2	
N	10	10	10	10	10	
kit median	19.5	26.3	39.6	31.9	39.6	
mean/all kit median	1.06	1.02	1.00	1.04	1.04	1.03

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	CA125				
Method	TOM	TO1	TOSOH ST-A1A		
mean	27.7	34.9	52.1	42.0	52.4
SD	1.8	2.0	2.6	2.9	1.9
%CV	6.7%	5.7%	4.9%	6.8%	3.7%
mean+3SD	33.2	40.8	59.8	50.6	58.2
mean-3SD	22.1	29.0	44.4	33.5	46.6
N	5	5	5	5	5
mean/all kit median	1.46	1.37	1.35	1.36	1.39

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	CA125				
Method	COB	BA1	Siemens ADVIA-Centaur		
mean	20.2	25.6	38.1	30.9	38.2
SD	1.3	1.7	2.6	2.0	2.5
%CV	6.4%	6.7%	6.9%	6.5%	6.4%
mean+3SD	24.1	30.7	45.9	37.0	45.5
mean-3SD	16.3	20.5	30.2	24.9	30.8
N	33	33	33	33	33
kit median	20.2	25.9	38.3	31.1	39.0
mean/all kit median	1.07	1.00	0.99	1.00	1.02

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	CA125				
Method	ABH	AB1	Abbott Architect		
mean	26.2	34.2	50.5	40.2	49.0
N	2	2	2	2	2
mean/all kit median	1.38	1.34	1.31	1.30	1.30

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	CA125				
Method	DPB	DP5	Siemens Immulite 1000		
mean	17.5	25.5	39.6	30.7	37.0
N	2	2	2	2	2
mean/all kit median	0.92	1.00	1.02	1.00	0.98

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	CA125				
Method	BCU/BCX	BC1	Beckman Unicel & Access/2		
mean	21.6	29.0	45.3	34.8	43.8
SD	1.3	1.5	3.2	1.7	2.4
%CV	5.8%	5.3%	7.1%	5.0%	5.5%
mean+3SD	25.3	33.6	54.9	40.0	51.1
mean-3SD	17.8	24.5	35.7	29.6	36.6
N	14	14	14	14	14
kit median	21.8	29.5	45.0	34.8	44.5
mean/all kit median	1.14	1.14	1.17	1.13	1.17

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	CA125				
Method	DPD	DP5	Siemens Immulite 2000		
mean	17.9	23.5	36.9	28.5	36.3
SD	0.8	1.8	2.6	1.6	2.6
%CV	4.8%	7.5%	6.9%	5.6%	7.1%
mean+3SD	20.4	28.7	44.6	33.3	44.0
mean-3SD	15.3	18.2	29.3	23.7	28.5
N	27	27	27	27	27
kit median	18.0	24.0	36.3	28.2	36.3
mean/all kit median	0.94	0.92	0.96	0.93	0.97

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CA125**					
Method	**JJC/JJF**	**JJ1**	**Ortho Clinical Vitros ECi/Q/5600**			
mean	17.7	23.5	38.5	27.0	35.8	
SD	4.4	1.9	0.5	1.6	1.2	
%CV	24.7%	7.9%	1.4%	5.9%	3.2%	
mean+3SD	30.9	29.1	40.1	31.8	39.3	
mean-3SD	4.6	18.0	36.9	22.2	32.3	
N	3	3	3	3	3	
kit median	19.8	23.3	38.7	27.1	36.2	
mean/all kit median	0.94	0.92	1.00	0.88	0.95	0.94

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CA125**					
Method	**DPF**	**DP5**	**Siemens Immulite 2500**			
mean	16.7	21.5	32.4	26.2	33.3	
SD	1.2	1.6	2.4	3.0	2.0	
%CV	7.3%	7.3%	7.3%	11.5%	5.9%	
mean+3SD	20.4	26.2	39.5	35.3	39.1	
mean-3SD	13.0	16.8	25.4	17.2	27.4	
N	4	4	4	4	4	
kit median	16.5	21.7	31.7	26.6	33.7	
mean/all kit median	0.88	0.84	0.84	0.85	0.88	0.86

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**CA125**				
Method	**BME/BMR**	**BM1**	**Roche Elecsys/Cobas e411 & E170/e601**		
mean	17.4	21.9	32.5	26.2	32.5
SD	1.8	1.7	2.3	2.0	2.2
%CV	10.4%	7.9%	6.9%	7.5%	6.8%
mean+3SD	22.8	27.1	39.3	32.2	39.1
mean-3SD	12.0	16.7	25.7	20.3	25.9
N	16	16	16	16	16
kit median	17.6	22.0	32.9	26.6	32.8
mean/all kit median	0.92	0.86	0.84	0.85	0.86	0.87

Sample	TM211	TM212	TM213	TM214	TM215
CA125 kit average:					
mean	20.3	26.5	40.5	31.9	39.7
SD	3.8	4.7	6.8	5.6	6.6
all kit median	18.9	25.5	38.6	30.8	37.6

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CA27.29**					
Method			**All lab**			
mean	43.7	37.2	16.2	53.1	47.5	
SD	4.2	3.7	3.0	4.9	3.1	
%CV	9.6%	9.9%	18.3%	9.3%	6.5%	
mean+3SD	56.4	48.3	25.1	67.9	56.8	
mean-3SD	31.1	26.2	7.3	38.3	38.3	
N	45	45	45	45	45	
mean/all kit median	1.06	1.04	0.96	1.07	1.02	1.03

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CA27.29**					
Method	**TOM**	**TO1**	**TOSOH ST-A1A**			
mean	37.4	32.8	17.9	45.1	45.7	
SD	2.0	1.2	1.1	1.9	2.0	
%CV	5.4%	3.8%	6.2%	4.2%	4.4%	
mean+3SD	43.4	36.5	21.2	50.8	51.8	
mean-3SD	31.4	29.0	14.6	39.5	39.6	
N	7	7	7	7	7	
kit median	38.0	33.2	17.6	45.0	45.8	
mean/all kit median	0.91	0.92	1.06	0.91	0.98	0.95

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**CA27.29**				
Method	**COB**	**BA1**	**Siemens ADVIA-Centaur**		
mean	44.9	38.6	15.9	54.2	47.9
SD	3.4	2.4	3.1	3.2	3.1
%CV	7.5%	6.3%	19.6%	5.9%	6.6%
mean+3SD	55.0	45.9	25.3	63.9	57.3
mean-3SD	34.8	31.3	6.6	44.6	38.5
N	38	36	38	37	38
kit median	45.0	38.5	16.0	54.2	47.5
mean/all kit median	1.09	1.08	0.94	1.09	1.02	1.05

Sample	TM211	TM212	TM213	TM214	TM215
CA27.29 kit average:					
mean	41.2	35.7	16.9	49.7	46.8
SD	5.3	4.1	1.4	6.4	1.5
all kit median	41.2	35.7	16.9	49.7	46.8

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CA15-3**					
Method			**All lab**			
mean	54.5	47.2	24.3	62.9	56.0	
SD	12.8	11.5	5.8	15.2	12.8	
%CV	23.5%	24.4%	23.8%	24.2%	22.9%	
mean+3SD	92.8	81.7	41.6	108.4	94.4	
mean-3SD	16.1	12.7	6.9	17.3	17.5	
N	55	55	55	55	55	
mean/all kit median	1.10	1.12	1.07	1.11	1.08	1.10

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CA15-3**					
Method	**BME/BMR**	**BM1**	**Roche Elecsys/Cobas e411 & E170/ e601**			
mean	42.4	36.8	19.6	48.4	47.2	
SD	1.9	1.7	0.7	2.0	2.6	
%CV	4.6%	4.5%	3.5%	4.2%	5.4%	
mean+3SD	48.3	41.8	21.7	54.5	54.9	
mean-3SD	36.6	31.8	17.6	42.3	39.5	
N	10	10	10	10	10	
kit median	42.2	37.1	19.8	48.2	47.8	
mean/all kit median	0.86	0.87	0.87	0.86	0.91	0.87

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**CA15-3**				
Method	**COB**	**BA1**	**Siemens ADVIA-Centaur**		
mean	66.2	58.9	30.4	78.7	68.6
SD	7.8	7.7	3.6	8.0	7.6
%CV	11.8%	13.0%	11.7%	10.2%	11.1%
mean+3SD	89.6	81.9	41.1	102.8	91.5
mean-3SD	42.9	35.9	19.7	54.6	45.8
N	19	19	19	19	19
kit median	67.0	57.9	30.3	78.0	68.4
mean/all kit median	1.34	1.39	1.35	1.39	1.32

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**CA15-3**					
Method	**JJC**	**JJ1**	**Ortho Clinical Vitros ECi/Q**			
mean	42.4	36.2	18.6	49.3	43.2	
SD	0.5	0.7	0.8	1.5	0.8	
%CV	1.2%	1.9%	4.0%	3.1%	1.8%	
mean+3SD	44.0	38.3	20.8	53.9	45.5	
mean-3SD	40.9	34.2	16.3	44.8	40.9	
N	3	3	3	3	3	
kit median	42.3	36.0	19.0	49.0	43.0	
mean/all kit median	0.86	0.86	0.82	0.87	0.83	0.85

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**CA15-3**				
Method	**DPD/DPF**	**DP5**	**Siemens Immulite 2000/2500**		
mean	59.0	49.4	24.5	65.8	58.1
SD	4.2	2.9	1.8	3.3	2.9
%CV	7.2%	6.0%	7.3%	5.0%	5.0%
mean+3SD	71.7	58.2	29.9	75.6	66.7
mean-3SD	46.2	40.6	19.1	56.0	49.5
N	12	12	12	12	12
kit median	59.5	50.4	24.0	66.7	57.9
mean/all kit median	1.19	1.17	1.08	1.16	1.12

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**CA15-3**					
Method	**BCU/BCX**	**BC1**	**Beckman Unicel & Access/2**			
mean	32.2	28.4	14.4	37.0	30.7	
SD	2.5	2.1	0.9	2.2	2.0	
%CV	7.8%	7.3%	6.4%	5.8%	6.4%	
mean+3SD	39.7	34.7	17.2	43.4	36.6	
mean-3SD	24.7	22.2	11.6	30.5	24.8	
N	5	5	5	5	5	
kit median	32.7	28.7	14.5	36.4	31.0	
mean/all kit median	0.65	0.67	0.64	0.65	0.59	0.64

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**CA15-3**					
Method	**ABB**	**AB1**	**Abbott AxSym**			
mean	49.6	42.3	22.6	56.6	52.0	
SD	6.0	0.8	0.7	4.2	4.3	
%CV	12.1%	1.8%	3.3%	7.5%	8.3%	
mean+3SD	67.5	44.6	24.8	69.3	64.9	
mean-3SD	31.7	39.9	20.4	43.8	39.1	
N	4	4	4	4	4	
kit median	47.0	42.3	22.4	57.4	50.9	
mean/all kit median	1.00	1.00	1.00	1.00	1.00	1.00

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**CA15-3**					
Method	**ABH**	**AB1**	**Abbott Architect**			
mean	59.4	47.8	25.0	65.2	57.3	
N	2	2	2	2	2	
mean/all kit median	1.20	1.13	1.10	1.15	1.10	1.14

Sample	TM211	TM212	TM213	TM214	TM215
CA15-3 kit average:					
mean	50.2	42.8	22.1	57.3	51.0
SD	12.0	10.1	5.2	13.8	12.2
all kit median	49.6	42.3	22.6	56.6	52.0

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CA19-9**					
Method			**All lab**			
mean	62.6	36.5	90.4	74.8	77.8	
SD	26.6	14.6	39.7	31.9	32.0	
%CV	42.6%	40.0%	43.9%	42.7%	41.2%	
mean+3SD	142.5	80.4	209.4	170.4	173.9	
mean-3SD	-17.4	-7.4	-28.6	-20.9	-18.3	
N	58	58	58	58	58	
mean/all kit median	1.73	1.65	1.77	1.74	1.76	1.73

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CA19-9**					
Method	**BME/BMR**	**BM1**	**Roche Elecsys/Cobas e411 & E170/e601**			
mean	33.6	20.9	47.4	39.1	41.0	
SD	2.4	1.0	2.7	1.9	2.6	
%CV	7.2%	4.9%	5.8%	4.9%	6.2%	
mean+3SD	40.8	23.9	55.6	44.8	48.7	
mean-3SD	26.4	17.8	39.1	33.4	33.3	
N	7	7	7	7	7	
kit median	32.5	21.4	48.0	38.5	39.7	
mean/all kit median	0.93	0.94	0.93	0.91	0.93	0.93

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**CA19-9**					
Method	**COB**	**BA1**	**Siemens ADVIA-Centaur**			
mean	84.7	49.1	124.6	101.7	104.9	
SD	5.7	3.0	7.4	4.0	5.4	
%CV	6.7%	6.2%	5.9%	3.9%	5.2%	
mean+3SD	101.8	58.2	146.7	113.7	121.2	
mean-3SD	67.5	40.0	102.5	89.8	88.6	
N	31	32	32	30	31	
kit median	85.0	49.0	125.0	101.7	105.9	
mean/all kit median	2.34	2.22	2.44	2.37	2.38	2.35

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**CA19-9**					
Method	**TOM**	**TO1**	**TOSOH ST-A1A**			
mean	22.6	14.1	29.6	26.2	33.6	
SD	1.1	0.9	1.4	1.2	1.2	
%CV	5.1%	6.1%	4.6%	4.6%	3.7%	
mean+3SD	26.0	16.7	33.7	29.8	37.3	
mean-3SD	19.1	11.5	25.6	22.6	29.9	
N	6	6	6	6	6	
kit median	22.8	14.0	30.0	26.0	33.5	
mean/all kit median	0.67	0.68	0.63	0.67	0.82	0.69

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**CA19-9**					
Method	**BCU/BCX**	**BC1**	**Beckman Unicel & Access/2**			
mean	38.7	23.5	54.8	46.8	47.3	
SD	2.7	2.2	2.8	4.0	2.6	
%CV	7.1%	9.6%	5.1%	8.5%	5.6%	
mean+3SD	47.0	30.2	63.2	58.7	55.1	
mean-3SD	30.5	16.7	46.4	34.9	39.4	
N	12	12	12	12	12	
kit median	38.0	22.9	54.4	45.8	47.0	
mean/all kit median	1.07	1.06	1.07	1.09	1.07	1.07

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**CA19-9**				
Method	**ABH**	**AB1**	**Abbott Architect**		
result	247.4	152.1	338.4	282.1	280.3
N	1	1	1	1	1
result/all kit median	6.84	6.86	6.63	6.57	6.35

Sample	TM211	TM212	TM213	TM214	TM215
CA19-9 kit average:					
mean*	44.9	26.9	64.1	53.5	56.7
SD*	27.4	15.3	41.7	33.3	32.6
all kit median	36.2	22.2	51.1	43.0	44.1

* **Note**: The ABH means were not included in the calculation of the all kit means (SDs) and medians because the results from this method was very different from the results of all the others.

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	CEA					
Method			All lab			
mean	7.4	8.4	6.7	7.2	4.4	
SD	0.9	1.3	0.8	1.0	0.4	
%CV	12.5%	15.2%	12.2%	13.2%	9.6%	
mean+3SD	10.1	12.2	9.1	10.1	5.7	
mean-3SD	4.6	4.5	4.2	4.3	3.2	
N	163	169	164	166	154	
mean/all kit median	0.98	1.03	1.01	1.02	0.98	1.01

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	CEA					
Method	BCX	BC1	Beckman Access/2 CEA2			
mean	7.5	8.5	7.0	7.7	4.8	
SD	0.3	0.3	0.2	0.2	0.2	
%CV	4.3%	3.7%	3.2%	2.9%	4.5%	
mean+3SD	8.5	9.4	7.7	8.4	5.5	
mean-3SD	6.6	7.6	6.3	7.0	4.2	
N	10	10	10	10	10	
kit median	7.5	8.5	6.9	7.7	4.9	
mean/all kit median	1.00	1.05	1.06	1.10	1.07	1.05

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	CEA					
Method	TOM	TO1	TOSOH ST-A1A			
mean	10.3	11.7	9.2	9.8	6.1	
SD	0.4	0.3	0.2	0.3	0.2	
%CV	3.9%	2.2%	2.4%	2.9%	2.8%	
mean+3SD	11.5	12.4	9.8	10.6	6.6	
mean-3SD	9.1	10.9	8.5	8.9	5.6	
N	6	6	6	6	6	
kit median	10.2	11.8	9.1	9.8	6.1	
mean/all kit median	1.36	1.44	1.39	1.39	1.35	1.39

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	CEA					
Method	DPB/DPD /DPF	DP5	Siemens Immulite 1000/2000/2500			
mean	7.6	8.8	6.7	7.4	4.3	
SD	0.6	0.5	0.5	0.5	0.4	
%CV	7.3%	6.0%	7.5%	6.8%	8.7%	
mean+3SD	9.3	10.4	8.3	8.8	5.5	
mean-3SD	5.9	7.2	5.2	5.9	3.2	
N	22	22	22	21	22	
kit median	7.7	9.0	6.7	7.3	4.4	
mean/all kit median	1.01	1.09	1.02	1.05	0.96	1.02

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	CEA					
Method	JJC/JJF	JJ1	Ortho Clinical Vitros ECi/Q & 5600			
mean	9.4	9.8	8.7	8.8	6.4	
SD	1.4	1.4	1.6	1.4	1.3	
%CV	14.3%	14.3%	17.9%	15.7%	20.0%	
mean+3SD	13.5	14.0	13.3	13.0	10.3	
mean-3SD	5.4	5.6	4.0	4.7	2.6	
N	11	11	11	11	11	
kit median	9.2	9.4	8.4	8.7	6.5	
mean/all kit median	1.25	1.21	1.32	1.26	1.42	1.29

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	CEA					
Method	ABH	AB1	Abbott Architect			
mean	7.6	8.1	6.6	7.0	4.5	
SD	0.4	0.4	0.3	0.6	0.3	
%CV	5.3%	4.5%	5.0%	8.4%	6.3%	
mean+3SD	8.8	9.2	7.6	8.8	5.4	
mean-3SD	6.4	7.0	5.6	5.3	3.7	
N	4	4	4	4	4	
kit median	7.7	8.1	6.6	7.1	4.5	
mean/all kit median	1.00	1.00	1.00	1.00	1.00	1.00

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	CEA					
Method	COB	BA1	Siemens ADVIA-Centaur			
mean	7.8	8.8	7.0	7.4	4.7	
SD	0.5	0.6	0.4	0.5	0.3	
%CV	6.5%	6.6%	6.0%	6.1%	7.5%	
mean+3SD	9.3	10.6	8.2	8.8	5.7	
mean-3SD	6.3	7.0	5.7	6.1	3.6	
N	58	58	58	57	58	
kit median	7.8	8.8	7.0	7.4	4.7	
mean/all kit median	1.03	1.09	1.06	1.06	1.03	1.05

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	CEA					
Method	DUV	DA2	Siemens Dimension VISTA			
mean	7.0	8.0	6.6	7.0	4.5	
SD	0.1	0.1	0.1	0.1	0.1	
%CV	1.4%	1.4%	1.5%	0.8%	2.5%	
mean+3SD	7.3	8.4	6.9	7.1	4.9	
mean-3SD	6.7	7.7	6.3	6.8	4.2	
N	3	3	3	3	3	
kit median	7.0	8.1	6.6	7.0	4.6	
mean/all kit median	0.93	0.99	1.00	0.99	1.00	0.98

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CEA**					
Method	**ABB**	**AB1**	**Abbott Axsym**			
mean	6.9	7.6	6.4	6.7	4.2	
SD	0.5	0.6	0.4	0.6	0.3	
%CV	6.7%	7.5%	6.9%	8.6%	7.2%	
mean+3SD	8.3	9.4	7.7	8.4	5.2	
mean-3SD	5.5	5.9	5.1	4.9	3.3	
N	14	14	14	14	14	
kit median	7.0	7.6	6.3	6.6	4.3	
mean/all kit median	0.91	0.94	0.97	0.95	0.94	0.94

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CEA**					
Method	**BMR**	**BM1**	**Roche E170 & Cobas e601**			
mean	6.0	6.5	5.6	5.9	3.9	
SD	0.2	0.2	0.2	0.2	0.2	
%CV	3.4%	3.7%	3.6%	3.2%	4.1%	
mean+3SD	6.7	7.2	6.2	6.5	4.4	
mean-3SD	5.4	5.7	5.0	5.3	3.5	
N	19	19	19	19	19	
kit median	6.1	6.5	5.6	5.9	3.9	
mean/all kit median	0.80	0.80	0.85	0.84	0.87	0.83

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**CEA**				
Method	**BCU**	**BC1**	**Beckman Unicel CEA2**		
mean	6.9	7.5	6.3	6.8	4.3
SD	0.6	0.4	0.4	0.5	0.3
%CV	8.8%	5.0%	7.0%	7.1%	6.4%
mean+3SD	8.7	8.6	7.7	8.2	5.2
mean-3SD	5.0	6.3	5.0	5.3	3.5
N	16	16	15	16	15
kit median	6.8	7.5	6.4	6.9	4.4
mean/all kit median	0.91	0.92	0.96	0.97	0.95	0.94

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**CEA**					
Method	**BME**	**BM1**	**Roche Elecsys & Cobas e411**			
mean	5.9	6.4	5.5	5.6	3.9	
SD	0.3	0.4	0.4	0.3	0.3	
%CV	4.5%	6.5%	6.6%	5.4%	7.5%	
mean+3SD	6.7	7.6	6.6	6.5	4.8	
mean-3SD	5.1	5.1	4.4	4.7	3.0	
N	6	6	6	6	6	
kit median	5.8	6.3	5.4	5.5	4.0	
mean/all kit median	0.78	0.79	0.83	0.80	0.87	0.81

Sample	TM211	TM212	TM213	TM214	TM215
CEA kit average:					
mean	7.5	8.3	6.9	7.3	4.7
SD	1.3	1.5	1.1	1.2	0.8
all kit median	7.5	8.1	6.6	7.0	4.5

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**AFP**					
Method			**All lab**			
mean	29.3	13.0	7.2	21.3	10.6	
SD	2.8	1.5	0.9	2.0	1.1	
%CV	9.6%	11.5%	13.0%	9.4%	10.8%	
mean+3SD	37.7	17.5	10.1	27.3	14.0	
mean-3SD	20.9	8.5	4.4	15.3	7.1	
N	101	102	101	101	102	
mean/target	0.97	0.98	1.06	0.97	1.02	1.00

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**AFP**					
Method	**COB**	**BA1**	**Siemens ADVIA-Centaur**			
mean	31.3	14.3	8.0	22.4	11.4	
SD	2.0	0.9	0.6	1.1	0.5	
%CV	6.3%	6.6%	7.9%	5.1%	4.1%	
mean+3SD	37.2	17.1	9.9	25.8	12.8	
mean-3SD	25.4	11.5	6.1	19.0	10.0	
N	27	28	28	28	28	
kit median	31.4	14.4	8.2	22.5	11.3	
mean/target	1.04	1.08	1.17	1.02	1.09	1.08

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**AFP**					
Method	**BME/BMR**	**BM1**	**Roche Elecsys/Cobas e411 & E170/e601**			
mean	31.0	13.7	7.7	22.9	11.4	
SD	2.1	0.9	0.7	1.6	0.8	
%CV	6.8%	6.7%	8.9%	7.0%	7.0%	
mean+3SD	37.3	16.5	9.8	27.6	13.8	
mean-3SD	24.7	11.0	5.7	18.1	9.0	
N	16	16	15	16	16	
kit median	30.9	13.7	7.6	23.1	11.4	
mean/target	1.03	1.04	1.14	1.04	1.09	1.07

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**AFP**				
Method	**BCU/BCX**	**BC1**	**Beckman Unicel & Access/2**		
mean	29.6	13.3	7.6	21.8	10.8
SD	1.6	0.7	0.5	1.4	0.8
%CV	5.6%	5.5%	6.5%	6.6%	7.4%
mean+3SD	34.5	15.6	9.0	26.1	13.2
mean-3SD	24.7	11.1	6.1	17.5	8.4
N	15	15	15	15	15
kit median	29.0	13.3	7.5	22.1	10.6
mean/target	0.98	1.01	1.11	0.99	1.03	1.03

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**AFP**				
Method	**TOM**	**TO1**	**TOSOH ST-A1A**		
mean	27.6	12.5	7.2	20.6	10.5
SD	0.6	0.5	0.3	0.5	0.3
%CV	2.2%	4.0%	3.5%	2.2%	3.1%
mean+3SD	29.5	14.0	8.0	22.0	11.5
mean-3SD	25.8	11.0	6.5	19.2	9.6
N	3	3	3	3	3
kit median	27.5	12.5	7.2	20.7	10.4
mean/target	0.92	0.95	1.06	0.94	1.01	0.98

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**AFP**				
Method	**ABB**	**AB1**	**Abbott AxSym**		
mean	28.7	12.9	7.3	21.1	10.6
SD	1.8	0.6	0.5	0.8	0.7
%CV	6.4%	4.8%	6.9%	3.7%	6.9%
mean+3SD	34.2	14.7	8.8	23.4	12.8
mean-3SD	23.2	11.0	5.8	18.7	8.4
N	9	9	9	9	9
kit median	28.8	12.9	7.3	20.9	10.6
mean/target	0.95	0.98	1.08	0.96	1.02	1.00

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**AFP**					
Method	**DUV**	**DA2**	**Siemens Dimension VISTA**			
mean	29.9	13.3	7.5	22.0	11.0	
N	2	2	2	2	2	
mean/target	0.99	1.01	1.10	1.00	1.05	1.03

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**AFP**				
Method	**DPB/ DPD/DPF**	**DP5**	**Siemens Immulite 1000/2000/2500**		
mean	27.0	11.4	6.1	19.4	9.3
SD	2.2	0.8	0.5	1.7	0.8
%CV	8.0%	7.4%	7.5%	8.5%	8.5%
mean+3SD	33.5	13.9	7.5	24.3	11.7
mean-3SD	20.5	8.8	4.8	14.4	7.0
N	26	26	26	26	26
kit median	27.1	11.4	6.2	19.5	9.2
mean/target	0.90	0.86	0.90	0.88	0.90	0.89

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**AFP**				
Method	**JJC**	**JJ1**	**Ortho Clinical Vitros ECi/Q**		
mean	22.6	9.8	5.6	15.8	8.1
SD	1.4	0.6	0.4	0.9	0.7
%CV	6.3%	6.2%	7.2%	5.6%	8.6%
mean+3SD	26.9	11.6	6.8	18.5	10.2
mean-3SD	18.4	8.0	4.4	13.1	6.0
N	3	3	3	3	3
kit median	22.9	10.1	5.7	16.1	8.2
mean/target	0.75	0.74	0.83	0.72	0.78	0.76

Sample	TM211	TM212	TM213	TM214	TM215
AFP kit average:					
mean	28.5	12.7	7.1	20.7	10.4
SD	2.8	1.4	0.8	2.3	1.1
all kit median	29.2	13.1	7.4	21.4	10.7

Sample	TM211	TM212	TM213	TM214	TM215
AFP					
***IS target**	**30.1**	**13.2**	**6.8**	**22.0**	**10.4**
SD (+/-)	1.4	1.0	0.3	0.8	0.5
% CV	4.6%	7.5%	4.6%	3.6%	5.1%
high (30%)	39.1	17.2	8.8	28.6	13.5
low (30%)	21.1	9.2	4.8	15.4	7.3

* target value from a traceable AFP standard

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**PSA**					
Method			**All lab**			
mean	1.1	2.6	4.2	8.5	16.0	
SD	0.1	0.3	0.4	0.9	1.7	
%CV	10.8%	10.1%	10.5%	10.5%	10.8%	
mean+3SD	1.4	3.4	5.6	11.2	21.2	
mean-3SD	0.7	1.8	2.9	5.8	10.8	
N	254	255	255	256	255	
mean/target	1.29	1.21	1.18	1.17	1.14	1.20

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**PSA**					
Method	**BCX**	**BC2**	**Beckman Access/2 Hybritech calibration**			
mean	1.1	2.8	4.5	9.1	17.4	
SD	0.1	0.1	0.2	0.5	1.0	
%CV	6.5%	4.6%	5.2%	5.2%	5.7%	
mean+3SD	1.3	3.2	5.2	10.5	20.4	
mean-3SD	0.9	2.4	3.8	7.7	14.4	
N	30	30	30	29	30	
kit median	1.1	2.8	4.5	8.9	17.2	
mean/target	1.33	1.27	1.26	1.25	1.23	1.27

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**PSA**					
Method	**DUD**	**DA1**	**Siemens Dimension**			
mean	1.3	3.1	5.0	9.9	19.2	
SD	0.1	0.2	0.3	0.6	1.2	
%CV	7.2%	6.5%	6.4%	5.8%	6.3%	
mean+3SD	1.5	3.7	5.9	11.6	22.8	
mean-3SD	1.0	2.5	4.0	8.2	15.6	
N	24	24	24	24	24	
kit median	1.3	3.1	4.9	10.0	19.2	
mean/target	1.53	1.42	1.38	1.37	1.36	1.41

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**PSA**					
Method	**DPB**	**DP6**	**Siemens Immulite1000 3rd generation**			
mean	1.1	2.6	4.6	9.2	17.0	
N	2	2	2	2	2	
mean/target	1.33	1.16	1.27	1.27	1.21	1.25

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**PSA**					
Method	**DPD**	**DP5**	**Siemens Immulite 2000**			
mean	1.2	3.0	4.7	9.4	17.1	
SD	0.1	0.2	0.4	0.8	1.2	
%CV	7.9%	7.6%	7.6%	8.1%	7.3%	
mean+3SD	1.5	3.6	5.8	11.6	20.8	
mean-3SD	0.9	2.3	3.7	7.1	13.4	
N	21	21	21	21	21	
kit median	1.2	3.0	4.7	9.6	17.1	
mean/target	1.50	1.35	1.32	1.29	1.21	1.34

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**PSA**					
Method	**DPF**	**DP5**	**Siemens Immulite 2500**			
mean	1.2	2.7	4.4	8.6	16.3	
SD	0.1	0.2	0.1	0.2	1.0	
%CV	4.9%	7.6%	1.3%	2.4%	5.9%	
mean+3SD	1.3	3.4	4.5	9.3	19.1	
mean-3SD	1.0	2.1	4.2	8.0	13.4	
N	3	3	3	3	3	
kit median	1.2	2.8	4.4	8.7	16.1	
mean/target	1.41	1.25	1.22	1.19	1.15	1.24

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**PSA**					
Method	**DPB**	**DP5**	**Siemens Immulite1000**			
mean	1.1	2.8	4.7	9.7	17.5	
SD	0.1	0.2	0.2	0.3	0.9	
%CV	5.1%	7.1%	4.5%	2.6%	5.2%	
mean+3SD	1.3	3.4	5.3	10.4	20.2	
mean-3SD	1.0	2.2	4.0	8.9	14.8	
N	3	3	3	3	3	
kit median	1.1	2.8	4.6	9.7	17.7	
mean/target	1.37	1.28	1.30	1.34	1.24	1.30

Sample	TM211	TM212	TM213	TM214	TM215	
Analyte	**PSA**					
Method	**BCU**	**BC2**	**Beckman Unicel Hybritech calibration**			
mean	1.1	2.7	4.4	8.8	16.7	
SD	0.1	0.1	0.2	0.5	0.8	
%CV	6.7%	5.5%	5.3%	5.2%	4.7%	
mean+3SD	1.3	3.2	5.1	10.2	19.1	
mean-3SD	0.8	2.3	3.7	7.4	14.3	
N	24	24	23	24	23	
kit median	1.1	2.7	4.4	8.7	16.8	
mean/target	1.28	1.23	1.23	1.21	1.19	1.23

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**PSA**					
Method	**ABH**	**AB1**	**Abbott Architect**			
mean	1.0	2.6	4.4	8.7	16.3	
SD	0.0	0.1	0.1	0.3	0.5	
%CV	4.4%	3.2%	1.9%	3.9%	3.2%	
mean+3SD	1.2	2.8	4.6	9.7	17.8	
mean-3SD	0.9	2.3	4.1	7.7	14.7	
N	5	5	5	5	5	
kit median	1.0	2.6	4.4	8.6	16.6	
mean/target	1.23	1.18	1.22	1.20	1.15	1.20

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**PSA**					
Method	**ABB**	**AB1**	**Abbott Axsym**			
mean	1.0	2.5	4.0	7.9	15.3	
SD	0.1	0.2	0.2	0.5	1.0	
%CV	8.0%	6.7%	5.7%	6.0%	6.8%	
mean+3SD	1.2	3.0	4.6	9.4	18.4	
mean-3SD	0.8	2.0	3.3	6.5	12.2	
N	15	15	15	15	15	
kit median	1.0	2.5	4.0	7.9	15.5	
mean/target	1.20	1.12	1.11	1.10	1.09	1.12

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**PSA**				
Method	**DPD**	**DP6**	**Siemens Immulite 2000 3rd generation**		
mean	1.1	2.6	4.0	8.5	15.0
SD	0.1	0.2	0.4	0.6	0.4
%CV	9.1%	8.3%	10.3%	7.0%	2.5%
mean+3SD	1.4	3.3	5.2	10.3	16.1
mean-3SD	0.8	2.0	2.8	6.7	13.9
N	5	5	5	5	5
kit median	1.1	2.6	3.9	8.3	15.1
mean/target	1.33	1.21	1.11	1.17	1.07

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**PSA**				
Method	**BMR**	**BM1**	**Roche E170/Cobas e601**		
mean	1.0	2.4	3.9	7.9	14.8
SD	0.0	0.1	0.2	0.3	0.7
%CV	4.7%	4.7%	5.0%	3.8%	4.9%
mean+3SD	1.1	2.8	4.5	8.8	16.9
mean-3SD	0.9	2.1	3.3	7.0	12.6
N	23	23	23	22	23
kit median	1.0	2.4	4.0	8.0	15.0
mean/target	1.21	1.10	1.09	1.10	1.05

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**PSA**				
Method	**COB**	**BA1**	**Siemens ADVIA-Centaur**		
mean	1.0	2.5	4.0	8.1	15.3
SD	0.1	0.1	0.2	0.4	0.9
%CV	7.0%	5.5%	5.1%	5.5%	5.6%
mean+3SD	1.3	3.0	4.7	9.4	17.8
mean-3SD	0.8	2.1	3.4	6.7	12.7
N	56	56	56	56	56
kit median	1.0	2.6	4.0	8.1	15.4
mean/target	1.25	1.16	1.13	1.12	1.08

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**PSA**				
Method	**TOM**	**TO1**	**TOSOH ST-A1A**		
mean	1.0	2.4	3.9	7.7	14.3
SD	0.1	0.2	0.3	0.6	0.8
%CV	8.2%	7.9%	6.6%	7.3%	5.9%
mean+3SD	1.2	3.0	4.6	9.4	16.8
mean-3SD	0.8	1.8	3.1	6.0	11.7
N	10	10	10	10	10
kit median	1.0	2.4	3.8	7.7	14.2
mean/target	1.20	1.10	1.08	1.06	1.01

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**PSA**				
Method	**JJC**	**JJ1**	**Ortho Clinical Vitros ECi/Q**		
mean	1.0	2.6	4.0	7.9	14.8
SD	0.1	0.1	0.2	0.4	0.6
%CV	9.4%	5.3%	5.6%	4.9%	4.4%
mean+3SD	1.3	3.0	4.7	9.1	16.7
mean-3SD	0.7	2.1	3.3	6.7	12.8
N	15	15	15	15	15
kit median	1.0	2.5	4.0	7.9	14.6
mean/target	1.24	1.17	1.12	1.09	1.05

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**PSA**				
Method	**BME**	**BM1**	**Roche Elecsys/Cobas e411**		
mean	0.9	2.3	3.8	7.6	14.2
SD	0.1	0.1	0.1	0.3	0.6
%CV	5.4%	4.8%	3.9%	3.6%	3.9%
mean+3SD	1.1	2.7	4.2	8.4	15.9
mean-3SD	0.8	2.0	3.3	6.7	12.6
N	13	13	13	13	13
kit median	0.9	2.3	3.7	7.6	14.4
mean/target	1.13	1.07	1.05	1.05	1.01

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**PSA**					
Method	**JJF**	**JJ1**	**Ortho Clinical Vitros 5600**			
mean	1.0	2.3	3.5	7.2	13.5	
SD	0.1	0.1	0.2	0.4	0.8	
%CV	6.0%	4.3%	4.9%	5.6%	6.0%	
mean+3SD	1.1	2.6	4.0	8.4	16.0	
mean-3SD	0.8	2.0	3.0	6.0	11.1	
N	3	3	3	3	3	
kit median	1.0	2.3	3.6	7.4	13.9	
mean/target	1.16	1.05	0.97	0.99	0.96	1.03

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
PSA kit average:						
mean	1.1	2.6	4.2	8.4	15.7	
SD	0.1	0.2	0.4	0.8	1.6	
all kit median	1.0	2.6	4.0	8.5	15.3	

Sample	TM211	TM212	TM213	TM214	TM215
PSA					
*** IS target**	**0.8**	**2.2**	**3.6**	**7.2**	**14.1**
SD (+/-)	0.1	0.2	0.2	0.5	0.8
% CV	11.2%	7.3%	5.4%	7.0%	5.5%
high (25%)				9.1	17.7
low (25%)				5.4	10.6
high (30%)	1.1	2.8	4.7		
low (30%)	0.6	1.5	2.5		

* target value from a traceable PSA standard

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**PSA**					
Method	**BCU/BCX**	**BC3**	**Beckman Unicel/Access WHO calibration**			
mean	0.9	2.2	3.5	7.1	13.0	
SD	0.1	0.1	0.2	0.3	0.9	
%CV	6.7%	5.2%	5.7%	4.0%	7.2%	
mean+3SD	1.0	2.6	4.1	8.0	15.8	
mean-3SD	0.7	1.9	2.9	6.3	10.2	
N	3	3	3	3	3	
kit median	0.9	2.3	3.5	7.3	12.7	
mean/target	1.04	1.02	0.97	0.99	0.92	0.99

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**free PSA**					
Method			**All lab**			
mean	0.13	0.30	0.47	0.92	1.73	
SD	0.04	0.07	0.10	0.18	0.33	
%CV	29.1%	24.0%	22.1%	20.1%	19.0%	
mean+3SD	0.24	0.52	0.79	1.47	2.72	
mean-3SD	0.02	0.09	0.16	0.37	0.74	
N	77	81	81	82	81	
mean/target	1.27	1.26	1.21	1.23	1.18	1.23

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**free PSA**					
Method	**BCU**	**BC2**	**Beckman Unicel Hybritech calibration**			
mean	0.15	0.37	0.58	1.14	2.10	
SD	0.03	0.02	0.04	0.07	0.12	
%CV	17.2%	6.4%	6.3%	5.7%	5.8%	
mean+3SD	0.23	0.44	0.69	1.34	2.46	
mean-3SD	0.07	0.30	0.47	0.94	1.73	
N	17	17	16	17	16	
kit median	0.15	0.37	0.59	1.14	2.09	
mean/target	1.50	1.54	1.48	1.52	1.44	1.50

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**free PSA**				
Method	**DUD**	**DA1**	**Siemens Dimension**		
mean	0.22	0.38	0.57	0.98	1.84
SD	0.08	0.07	0.07	0.09	0.14
%CV	35.1%	17.6%	13.0%	9.0%	7.9%
mean+3SD	0.45	0.58	0.79	1.24	2.27
mean-3SD	-0.01	0.18	0.35	0.72	1.41
N	7	7	7	7	7
kit median	0.23	0.37	0.60	0.96	1.80
mean/target	2.20	1.57	1.45	1.31	1.26

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**free PSA**					
Method	**BCX**	**BC2**	**Beckman Access/2 Hybritech calibration**			
mean	0.15	0.37	0.58	1.10	2.11	
SD	0.03	0.02	0.04	0.05	0.11	
%CV	19.9%	6.3%	6.1%	4.5%	5.1%	
mean+3SD	0.24	0.45	0.68	1.25	2.43	
mean-3SD	0.06	0.30	0.47	0.95	1.79	
N	14	14	14	14	14	
kit median	0.15	0.38	0.57	1.10	2.10	
mean/target	1.51	1.56	1.48	1.47	1.44	1.49

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**free PSA**					
Method	**BCU/BCX**	**BC3**	**Beckman Unicel/Access WHO calibration**			
mean	0.11	0.28	0.45	0.88	1.64	
N	2	2	2	2	2	
mean/target	1.10	1.17	1.15	1.17	1.12	1.14

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**free PSA**					
Method	**BME**	**BM1**	**Roche Elecsys/Cobas e411**			
mean	0.11	0.25	0.40	0.79	1.48	
SD	0.01	0.01	0.02	0.04	0.07	
%CV	10.0%	4.7%	5.4%	4.6%	4.5%	
mean+3SD	0.14	0.28	0.47	0.90	1.68	
mean-3SD	0.07	0.21	0.34	0.68	1.28	
N	6	6	6	6	6	
kit median	0.11	0.25	0.40	0.80	1.48	
mean/target	1.05	1.03	1.03	1.06	1.01	1.04

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**free PSA**				
Method	**BMR**	**BM1**	**Roche E170/Cobas e601**		
mean	0.11	0.27	0.42	0.82	1.54
SD	0.01	0.01	0.02	0.03	0.05
%CV	6.6%	5.2%	3.6%	3.8%	3.3%
mean+3SD	0.13	0.31	0.46	0.91	1.69
mean-3SD	0.09	0.23	0.37	0.72	1.38
N	14	14	14	14	14
kit median	0.11	0.27	0.42	0.81	1.53
mean/target	1.11	1.11	1.07	1.09	1.05

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**free PSA**					
Method	**DPB/DPD**	**DP5**	**Siemens Immulite 1000 & 2000**			
mean	0.09	0.21	0.36	0.70	1.34	
SD	0.01	0.02	0.03	0.07	0.08	
%CV	9.7%	7.4%	8.4%	10.2%	5.7%	
mean+3SD	0.12	0.26	0.45	0.91	1.57	
mean-3SD	0.06	0.17	0.27	0.48	1.11	
N	15	17	17	18	18	
kit median	0.09	0.21	0.36	0.70	1.32	
mean/target	0.91	0.88	0.92	0.93	0.92	0.91

Sample	TM211	TM212	TM213	TM214	TM215	Average bias
Analyte	**free PSA**					
Method	**ABB/ ABH**	**AB1**	**Abbott Axsym & Architect**			
mean	0.10	0.26	0.41	0.83	1.58	
SD	0.01	0.02	0.04	0.05	0.16	
%CV	11.5%	9.3%	9.6%	6.0%	10.4%	
mean+3SD	0.13	0.33	0.52	0.98	2.08	
mean-3SD	0.07	0.18	0.29	0.68	1.09	
N	4	4	4	4	4	
kit median	0.10	0.27	0.42	0.85	1.65	
mean/target	1.00	1.06	1.04	1.11	1.08	1.06

Sample	TM211	TM212	TM213	TM214	TM215
free PSA kit average:					
mean	0.13	0.30	0.47	0.90	1.70
SD	0.04	0.07	0.09	0.16	0.28
all kit median	0.11	0.27	0.43	0.85	1.61

Sample	TM211	TM212	TM213	TM214	TM215
free PSA					
* IS target	**0.10**	**0.24**	**0.39**	**0.75**	**1.46**
SD (+/-)	0.01	0.01	0.01	0.02	0.02
% CV	6.1%	2.5%	2.1%	2.8%	1.3%
high (30%)	0.13	0.31	0.51	0.98	1.90
low (30%)	0.07	0.17	0.27	0.53	1.02

* target value from a traceable free PSA standard.

Sample	TM211	TM212	TM213	TM214	TM215
Analyte	**complexed PSA**				
Method			**All lab**		
mean	0.9	2.3	3.7	7.4	14.0
SD	0.0	0.1	0.2	0.3	0.8
%CV	5.2%	5.0%	5.6%	3.9%	5.7%
mean+3SD	1.0	2.6	4.3	8.3	16.4
mean-3SD	0.8	2.0	3.1	6.6	11.6
N	10	10	10	10	10