

DATA SET #1

	B	C	D	E	F
	Run #1	Run #2	Run #3	Run #4	Run #5
5	1	1	1	1	1
6	773	802	905	1,282	853
7	363,410	520,483	387,740	428,479	772,210
8	178	91	1	84	138
9	2,613	3,677	2,417	3,687	2,960
10	40,425	25,991	27,286	33,884	39,248
11	341,369	350,457	320,239	317,625	266,861
12	106	4,597,630	5,365,627	4,789,190	9,414,344
13	2,445	1	1	1	1
14	30,913	8,873	1	256,029	7,740
15	300,495	3,572	1,017	2,727	1
16	306	499	53	377,289	27,246
17	1,934	4,753,467	91,760	12,714	572,925
18	27,140	1	1	1	1
19	268,350	1	45	54	12,837
20	199	45	900,514	1	24,815
21	4,060	1,915,570	5,818,553	526	4,683,090
22	37,189	1	1	1	1
23	280,668	62,913	1,320,817	236,296	26,438
24	1	964,628	86,954	1,006	360,761
25	2,521	1	1	1	1
26	32,345	15,373	268,900	33,450	2,339,737
27	251,535	3,834,564	135	1,981	132
28	201	1	1	1	1
Run Date	6/10/2008	6/10/2008	6/10/2008	6/11/2008	6/11/2008

DATA SET #2

G	H	I	J	K	L
	Run #1	Run #2	Run #3	Run #4	Run #5
	1	1	1	1	1
	2,710	2,630	2,760	1,140	1,700
	17,900	17,300	19,200	11,900	15,600
	1	68	1	1	1
	973	1,760	1,970	1,430	1,290
	22,300	17,000	24,800	18,900	18,000
	124,000	270,000	202,000	232,000	124,000
	1	2,390,000	2,980,000	2,000,000	2,240,000
	981	1	1	1	1
	13,200	22,000	1	121,000	37,900
	236,000	9,740	8,320	4,830	1
	48	581	1	320,000	19,100
	806	3,140,000	312,000	10,500	647,000
	14,200	1	1	1	1
	158,000	1	1	85	13,400
	1	1	477,000	1	29,100
	698	2,780,000	3,260,000	1	6,980,000
	16,600	1	1	1	1
	198,000	104,000	1,900,000	531,000	60,700
	1	933,000	102,000	201	409,000
	1,250	1	1	1	1
	16,500	78,500	708,000	24,700	585,000
	211,000	2,810,000	1	818	83
	1	1	1	1	1
	6/10/2008	6/11/2008	6/12/2008	6/10/2008	6/11/2008

*The Nominal Concentrations should change to accommodate the kit being tested

*Samples that exceed the upper limit of the assay should be diluted and repeated

TEMPLATE #1: NEW ASSAY DATA

	B	C	D	E	F
	Run #1	Run #2*	Run #3	Run #4	Run #5
5	NC	NC	NC	NC	NC
6	LPC	LPC	LPC	LPC	LPC
7	HPC	HPC	HPC	HPC	HPC
8	50	50	50	50	50
9	1500	1500	1500	1500	1500
10	15000	15000	15000	15000	15000
11	150000	150000	150000	150000	150000
12	50	1500000	1500000	1500000	1500000
13	1500	SN Donor 1	SN Donor 2	SN Donor 3	SN Donor 4
14	15000	Donor 1	Donor 9	Donor 18	Donor 29
15	150000	Donor 2	Donor 10	Donor 19	Donor 30
16	50	Donor 3	Donor 11	Donor 20	Donor 31
17	1500	1500000	Donor 12	Donor 21	Donor 32
18	15000	SN Donor 5	SN Donor 6	SN Donor 7	SN Donor 8
19	150000	Donor 4	25	Donor 22	Donor 33
20	50	Donor 5	Donor 13	Donor 23	Donor 34
21	1500	1500000	Donor 14	Donor 24	Donor 35
22	15000	SN Donor 9	SN Donor 10	SN Donor 11	SN Donor 12
23	150000	Donor 6	Donor 15	Donor 25	Donor 36
24	25	Donor 7	Donor 16	Donor 26	Donor 37
25	1500	SN Donor 13	SN Donor 14	SN Donor 15	SN Donor 16
26	15000	Donor 8	Donor 17	Donor 27	Donor 38
27	150000	1500000	25	Donor 28	Donor 39
28	25	SN Donor 17	SN Donor 18	SN Donor 19	SN Donor 20

TEMPLATE #2: COMPARATOR ASSAY DATA

	H	I	J	K	L
	Run #1	Run #2	Run #3	Run #4	Run #5
5	NC	NC	NC	NC	NC
6	LPC	LPC	LPC	LPC	LPC
7	HPC	HPC	HPC	HPC	HPC
8	50	50	50	50	50
9	1500	1500	1500	1500	1500
10	15000	15000	15000	15000	15000
11	150000	150000	150000	150000	150000
12	50	1500000	1500000	1500000	1500000
13	1500	SN Donor 1	SN Donor 2	SN Donor 3	SN Donor 4
14	15000	Donor 1	Donor 9	Donor 18	Donor 29
15	150000	Donor 2	Donor 10	Donor 19	Donor 30
16	50	Donor 3	Donor 11	Donor 20	Donor 31
17	1500	1500000	Donor 12	Donor 21	Donor 32
18	15000	SN Donor 5	SN Donor 6	SN Donor 7	SN Donor 8
19	150000	Donor 4	25	Donor 22	Donor 33
20	50	Donor 5	Donor 13	Donor 23	Donor 34
21	1500	1500000	Donor 14	Donor 24	Donor 35
22	15000	SN Donor 9	SN Donor 10	SN Donor 11	SN Donor 12
23	150000	Donor 6	Donor 15	Donor 25	Donor 36
24	25	Donor 7	Donor 16	Donor 26	Donor 37
25	1500	SN Donor 13	SN Donor 14	SN Donor 15	SN Donor 16
26	15000	Donor 8	Donor 17	Donor 27	Donor 38
27	150000	1500000	25	Donor 28	Donor 39
28	25	SN Donor 17	SN Donor 18	SN Donor 19	SN Donor 20

Kit Range
0
25
50
1500
15000
150000
1500000

*Use kit controls to validate your run - VQA controls may be provided if desirable

*Samples results that exceed the upper limit of the assay should be diluted and repeated. Enter the result for the repeated sample only

*SN Donor 1-20 = 20 different HIV seronegative donors

*Donor 1 - 39= 25-39 different HIV seropositive donors (if fewer than 39 donors are used, run samples in replicates to fill the templates)

*VQA controls will be provided for validation testing

	Data Set #1	Data Set #2
Define the Variable for Each Data Set (e.g. COBAS SN 123456 vs COBAS SN 987654 or UltraSensitive Roche Monitor vs Roche Tagman)	Roche Ampliprep-TaqMan	Roche Apmliprep-Amplicor

Kit Lot Information:	#1	#2
Assay Name	Ampliprep-TaqMan	Ampliprep-Amplicor
Kit Master Lot	J09196	J10695
Kit Expiration	07/2008	05/2009
Lysis Reagent Lot	J09193	
Lysis Reagent Expiration	07/2008	
Extraction Reagent Lot	J09194	
Extraction Reagent Expiration	07/2008	
Detection Reagent Lot	J09195	
Detection Reagent Expiration	07/2008	

Equipment Information*:	#1	#2
Ultracentrifuge Type		
Ultracentrifuge Serial Number		
Microcentrifuge Type		
Microcentrifuge Serial Number		
Thermal Cycler Type	COBAS TAQMAN 48	Amplicor
Thermal Cycler Serial Number	1914	39-5650

Control Information:	#1	#2
Low Kit Control Lot/Expiration	J09196	J10254-05/2009
Low Kit control Ranges		
Medium Kit Control Lot/Expiration	J09196	J06938-07/2009
Medium Kit Control Ranges	250-3000	800-7200
High Kit Control Lot/Expiration	J09196	J9516-07/2009
High Kit Control Ranges	190000-1700000	9300-84000
Low VQA Control Lot		
Low VQA Control Ranges		
Medium VQA Control Lot		
Medium VQA Control Ranges		
High VQA Control Lot		
High VQA Control Ranges		

*Equipment Information may be modified to accommodate the particular comparison being performed. This information pertains only to the equipment being compared in the validation

DATA SET #1

LOW RANGE CONTROL

Run #1	Run #2	Run #3	Run #4	Run #5
2613	3677	2417	3687	2960
2445				
1934				
4060				
2521				

INTRA-ASSAY VARIATION

ss within	2539925.2	0	0	0	0
freq	5	1	1	1	1
ss w/in total					2539925.2
mse					634981.3
sd (within)					796.857139
CV (within)					26.8

INTER-ASSAY VARIATION

run mean	2763	3677	2417	3687	2960
grand mean					2974.125
ss between	222868.8281	494033.2656	310388.2656	508190.7656	199.515625
ss between total					1535680.641
df					4
ms between					383920.1602
n0					1.444444444
var between					-173811.5584

total assay sd	679.0947958
total assay CV	22.8 Target < 35%

MID-RANGE CONTROL

Run #1	Run #2	Run #3	Run #4	Run #5
40425	25991	27286	33884	39248
30913				
27140				
37189				
32345				

INTRA-ASSAY VARIATION

ss within	109988111.2	0	0	0	0
freq	5	1	1	1	1
ss w/in total					109988111.2
mse					27497027.8
sd (within)					5243.760845
CV (within)					16

INTER-ASSAY VARIATION

run mean	33602.4	25991	27286	33884	39248
grand mean					32713.44444
ss between	3951209.899	45191259.31	29457153.2	1370200.309	42700416.31
ss between total					122670239
df					4
ms between					30667559.76
n0					1.444444444
var between					2194983.662

total assay sd	5449.037664
total assay CV	16.7 Target < 35%

HIGH RANGE CONTROL

Run #1	Run #2	Run #3	Run #4	Run #5
341369	350457	320239	317625	266861
300495				
268350				
280668				
251535				

INTRA-ASSAY VARIATION

ss within	4772783757	0	0	0	0
freq	5	1	1	1	1
ss w/in total					4772783757
mse					1193195939
sd (within)					34542.66839
CV (within)					11.5

INTER-ASSAY VARIATION

run mean	288483.4	350457	320239	317625	266861
grand mean					299733.2222
ss between	632792500.2	2572901632	420486922.3	320115712	1080582994
ss between total					5026879760
df					4
ms between					1256719940
n0					1.444444444
var between					43978154.39

total assay sd	35173.48566
-----------------------	--------------------

DATA SET #2

LOW RANGE CONTROL

Run #1	Run #2	Run #3	Run #4	Run #5
973	1760	1970	1430	1290
981				
806				
698				
1250				

INTRA-ASSAY VARIATION

ss within	175377.2	0	0	0	0
freq	5	1	1	1	1
ss w/in total					175377.2
mse					43844.3
sd (within)					209.3903054
CV (within)					16.9

INTER-ASSAY VARIATION

run mean	941.6	1760	1970	1430	1290
grand mean					1239.777778
ss between	444549.9358	270631.1605	533224.4938	36184.4938	2522.271605
ss between total					1287112.356
df					4
ms between					321778.0889
n0					1.444444444
var between					192415.7

total assay sd	486.0658392
total assay CV	39.2

MID-RANGE CONTROL

Run #1	Run #2	Run #3	Run #4	Run #5
22300	17000	24800	18900	18000
13200				
14200				
16600				
16500				

INTRA-ASSAY VARIATION

ss within	49812000	0	0	0	0
freq	5	1	1	1	1
ss w/in total					49812000
mse					12453000
sd (within)					3528.880842
CV (within)					19.7

INTER-ASSAY VARIATION

run mean	16560	17000	24800	18900	18000
grand mean					17944.44444
ss between	9583432.099	891975.3086	46998641.98	913086.42	3086.419753
ss between total					58390222.22
df					4
ms between					14597555.56
n0					1.444444444
var between					1484692.308

total assay sd	3733.321886
total assay CV	20.8

HIGH RANGE CONTROL

Run #1	Run #2	Run #3	Run #4	Run #5
124000	270000	202000	232000	124000
236000				
158000				
198000				
211000				

INTRA-ASSAY VARIATION

ss within	7895200000	0	0	0	0
freq	5	1	1	1	1
ss w/in total					7895200000
mse					1973800000
sd (within)					44427.46898
CV (within)					22.8

INTER-ASSAY VARIATION

run mean	185400	270000	202000	232000	124000
grand mean					195000
ss between	460800000	5625000000	49000000	1369000000	5041000000
ss between total					12544800000
df					4
ms between					3136200000
n0					1.444444444
var between					804738461.5

total assay sd	52711.84366
-----------------------	--------------------

DATA SET #1

LOW RANGE CONTROL

Table with 5 columns: Run #1, Run #2, Run #3, Run #4, Run #5. Values include 2613, 3677, 2417, 3687, 2960.

log10(RNA) 3.41713941 3.56549363 3.38327665 3.566673138 3.471291711

INTRA-ASSAY VARIATION

Table with 5 columns: ss within, freq, ss w/in total, mse, sd (within). Values include 0.010487397, 4, 4, 0.010487397, 0.

INTER-ASSAY VARIATION

Table with 5 columns: run mean, grand mean, ss between, ss between total, df, ms between, n0, var between.

total assay sd 0.102651838 Target < 0.15

MID-RANGE CONTROL

Table with 5 columns: Run #1, Run #2, Run #3, Run #4, Run #5. Values include 40425, 25991, 27286, 33884, 39248.

log10(RNA) 4.606650029 4.414822989 4.435939875 4.529994673 4.593817531

INTRA-ASSAY VARIATION

Table with 5 columns: ss within, freq, ss w/in total, mse, sd (within). Values include 0.015571084, 4, 4, 0.015571084, 0.

INTER-ASSAY VARIATION

Table with 5 columns: run mean, grand mean, ss between, ss between total, df, ms between, n0, var between.

total assay sd 0.072861452 Target < 0.15

HIGH RANGE CONTROL

Table with 5 columns: Run #1, Run #2, Run #3, Run #4, Run #5. Values include 341369, 350457, 320239, 317625, 266861.

log10(RNA) 5.53322408 5.544634739 5.505474221 5.501914678 5.426285109

INTRA-ASSAY VARIATION

Table with 5 columns: ss within, freq, ss w/in total, mse, sd (within). Values include 0.009249356, 4, 4, 0.009249356, 0.

INTER-ASSAY VARIATION

Table with 5 columns: run mean, grand mean, ss between, ss between total, df, ms between, n0, var between.

total assay sd 0.045930351 Target < 0.15

UPPER HIGH RANGE CONTROL

Table with 5 columns: Run #2, Run #3, Run #4, Run #5. Values include 4597630, 5365627, 4789190, 9414344.

log10(RNA) 6.662534018 6.729620479 6.680262067 6.973790063

INTRA-ASSAY VARIATION

Table with 5 columns: ss within, freq, ss w/in total, mse, sd (within). Values include 0.101588958, 4, 1, 0.101588958, 0.

INTER-ASSAY VARIATION

Table with 5 columns: run mean, grand mean, ss between, ss between total, df, ms between, n0, var between.

total assay sd 1.109833536 Target < 0.15

DATA SET #2

LOW RANGE CONTROL

Table with 5 columns: Run #1, Run #2, Run #3, Run #4, Run #5. Values include 973, 1760, 1970, 1430, 1290.

log10(RNA) 2.98811284 3.245512668 3.294466226 3.155336037 3.11058971

INTRA-ASSAY VARIATION

Table with 5 columns: ss within, freq, ss w/in total, mse, sd (within). Values include 0.018303364, 4, 4, 0.018303364, 0.

INTER-ASSAY VARIATION

Table with 5 columns: run mean, grand mean, ss between, ss between total, df, ms between, n0, var between.

total assay sd 0.135990912 Target < 0.15

MID-RANGE CONTROL

Table with 5 columns: Run #1, Run #2, Run #3, Run #4, Run #5. Values include 22300, 17000, 24800, 18900, 18000.

log10(RNA) 4.348304863 4.230448921 4.394451681 4.276461804 4.255272505

INTRA-ASSAY VARIATION

Table with 5 columns: ss within, freq, ss w/in total, mse, sd (within). Values include 0.030511447, 4, 4, 0.030511447, 0.

INTER-ASSAY VARIATION

Table with 5 columns: run mean, grand mean, ss between, ss between total, df, ms between, n0, var between.

total assay sd 0.077042917 Target < 0.15

HIGH RANGE CONTROL

Table with 5 columns: Run #1, Run #2, Run #3, Run #4, Run #5. Values include 124000, 270000, 202000, 232000, 124000.

log10(RNA) 5.093421685 5.431363764 5.305351369 5.365487985 5.093421685

INTRA-ASSAY VARIATION

Table with 5 columns: ss within, freq, ss w/in total, mse, sd (within). Values include 0.045415144, 4, 4, 0.045415144, 0.

INTER-ASSAY VARIATION

Table with 5 columns: run mean, grand mean, ss between, ss between total, df, ms between, n0, var between.

total assay sd 0.127632893 Target < 0.15

UPPER HIGH RANGE CONTROL

Table with 5 columns: Run #2, Run #3, Run #4, Run #5. Values include 2390000, 2980000, 2000000, 2240000.

log10(RNA) 6.378397901 6.474216264 6.301029996 6.350248018

INTRA-ASSAY VARIATION

Table with 5 columns: ss within, freq, ss w/in total, mse, sd (within). Values include 0.007111648, 4, 1, 0.007111648, 0.

INTER-ASSAY VARIATION

Table with 5 columns: run mean, grand mean, ss between, ss between total, df, ms between, n0, var between.

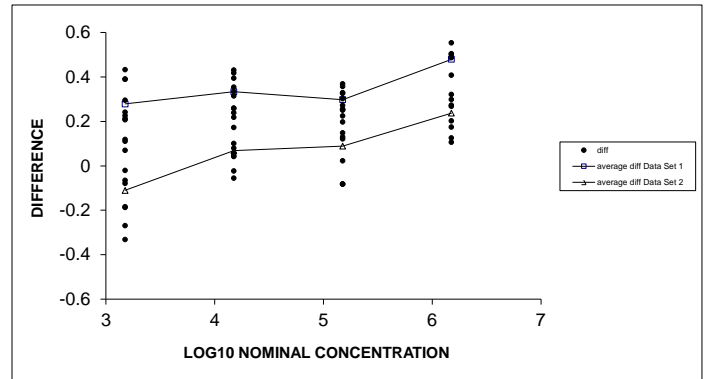
total assay sd 0.752126832 Target < 0.15

Data Set	Run	Control	ma	nominal	log(ma)	diff
DATA SET 1	1	Low	2,613	3.176091259	3.41713941	0.241048151
DATA SET 1	1	Low	2,445	3.176091259	3.388278663	0.212187604
DATA SET 1	1	Low	1,934	3.176091259	3.28645647	0.110965211
DATA SET 1	1	Low	4,060	3.176091259	3.608626034	0.432434775
DATA SET 1	1	Low	2,521	3.176091259	3.401572846	0.225481587
DATA SET 1	2	Low	3,677	3.176091259	3.56549363	0.389402371
DATA SET 1	3	Low	2,417	3.176091259	3.38327665	0.207185391
DATA SET 1	4	Low	3,687	3.176091259	3.566673138	0.390581879
DATA SET 1	5	Low	2,960	3.176091259	3.471291711	0.295200452
DATA SET 1	1	Medium	40,425	4.176091259	4.606650029	0.43055877
DATA SET 1	1	Medium	30,913	4.176091259	4.490141154	0.314049895
DATA SET 1	1	Medium	27,140	4.176091259	4.433609843	0.257518584
DATA SET 1	1	Medium	37,189	4.176091259	4.5704145	0.394323241
DATA SET 1	1	Medium	32,345	4.176091259	4.509807155	0.333715896
DATA SET 1	2	Medium	25,991	4.176091259	4.414822989	0.23873173
DATA SET 1	3	Medium	27,286	4.176091259	4.435938875	0.259848616
DATA SET 1	4	Medium	33,884	4.176091259	4.529994673	0.352903414
DATA SET 1	5	Medium	39,248	4.176091259	4.593817531	0.417728272
DATA SET 1	1	High	341,369	5.176091259	5.53322408	0.357132821
DATA SET 1	1	High	300,495	5.176091259	5.47783725	0.301745991
DATA SET 1	1	High	268,350	5.176091259	5.4287016	0.252610341
DATA SET 1	1	High	280,668	5.176091259	5.4481929	0.272101641
DATA SET 1	1	High	251,535	5.176091259	5.400598424	0.224507165
DATA SET 1	2	High	350,457	5.176091259	5.544634739	0.36854348
DATA SET 1	3	High	320,239	5.176091259	5.505474221	0.329382962
DATA SET 1	4	High	317,625	5.176091259	5.501914678	0.325823419
DATA SET 1	5	High	266,861	5.176091259	5.426285109	0.25019385
DATA SET 1	1	Ultra High	4,597,630	6.176091259	6.662534018	0.486442759
DATA SET 1	1	Ultra High	4,753,467	6.176091259	6.677010483	0.500919224
DATA SET 1	1	Ultra High	1,915,570	6.176091259	6.282298027	0.106206768
DATA SET 1	1	Ultra High	3,834,564	6.176091259	6.583715991	0.407824732
DATA SET 1	2	Ultra High	5,365,627	6.176091259	6.729620479	0.55352922
DATA SET 1	3	Ultra High	4,789,190	6.176091259	6.680262067	0.504170808
DATA SET 1	4	Ultra High	9,414,344	6.176091259	6.973790063	0.797698804
DATA SET 2	1	Low	973	3.176091259	2.98811284	-0.187978419
DATA SET 2	1	Low	981	3.176091259	2.991669007	-0.18422252
DATA SET 2	1	Low	806	3.176091259	2.906335042	-0.269756217
DATA SET 2	1	Low	698	3.176091259	2.843855423	-0.332326836
DATA SET 2	1	Low	1,250	3.176091259	3.096910013	-0.079181246
DATA SET 2	2	Low	1,760	3.176091259	3.245512668	0.069421409
DATA SET 2	3	Low	1,970	3.176091259	3.294466226	0.118374967
DATA SET 2	4	Low	1,430	3.176091259	3.155336037	-0.020755222
DATA SET 2	5	Low	1,290	3.176091259	3.11058971	-0.065501549
DATA SET 2	1	Medium	22,300	4.176091259	4.348304863	0.172213604
DATA SET 2	1	Medium	13,200	4.176091259	4.120573931	-0.055517328
DATA SET 2	1	Medium	14,200	4.176091259	4.152288344	-0.023802915
DATA SET 2	1	Medium	16,600	4.176091259	4.220108388	0.044015829
DATA SET 2	1	Medium	16,500	4.176091259	4.217483944	0.041393285
DATA SET 2	2	Medium	17,000	4.176091259	4.230448921	0.054357662
DATA SET 2	3	Medium	24,800	4.176091259	4.394451681	0.218360422
DATA SET 2	4	Medium	18,900	4.176091259	4.276461804	0.100370545
DATA SET 2	5	Medium	18,000	4.176091259	4.255272505	0.079181246
DATA SET 2	1	High	124,000	5.176091259	5.093421685	-0.082669574
DATA SET 2	1	High	236,000	5.176091259	5.372912003	0.196820744
DATA SET 2	1	High	158,000	5.176091259	5.198657087	0.022565828
DATA SET 2	1	High	198,000	5.176091259	5.29666519	0.120573931
DATA SET 2	1	High	211,000	5.176091259	5.324282455	0.148191196
DATA SET 2	2	High	270,000	5.176091259	5.431363764	0.255272505
DATA SET 2	3	High	202,000	5.176091259	5.305351369	0.12926011
DATA SET 2	4	High	124,000	5.176091259	5.093421685	-0.082669574
DATA SET 2	5	High	124,000	5.176091259	5.093421685	-0.082669574
DATA SET 2	2	Ultra High	2,390,000	6.176091259	6.378397901	0.202306642
DATA SET 2	2	Ultra High	3,140,000	6.176091259	6.496929648	0.320638389
DATA SET 2	2	Ultra High	2,780,000	6.176091259	6.444044796	0.267953537
DATA SET 2	2	Ultra High	2,810,000	6.176091259	6.448706332	0.272515061
DATA SET 2	3	Ultra High	2,880,000	6.176091259	6.474216264	0.286125005
DATA SET 2	4	Ultra High	2,000,000	6.176091259	6.301029996	0.124838737
DATA SET 2	5	Ultra High	2,240,000	6.176091259	6.350248018	0.174156759

Data Set #1	nominal	erage	diff Data Set 1
	3.176091	0.278209713	
	4.176091	0.333375158	
	5.176091	0.29800463	
	6.176091	0.479513188	

Data Set #2	nominal	erage	diff Data Set 2
	3.176091	-0.110816602	
	4.176091	0.068923938	
	5.176091	0.088418146	
	6.176091	0.237276304	

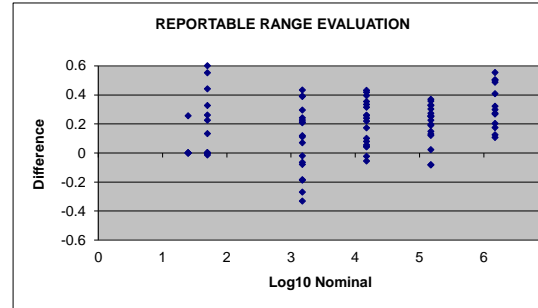
Pearson's correlation	Data Set #1 vs Data Set #2
Target >0.95	0.99



Data Set	Run	Control	ma	nominal	log(ma)	diff
DATA SET 1	1	<LLOD	1	1.397940009		
DATA SET 1	1	<LLOD	201	1.397940009	2.303196057	0.905256049
DATA SET 1	3	<LLOD	45	1.397940009	1.653212514	0.255272505
DATA SET 1	3	<LLOD	135	1.397940009	2.130332768	0.73239376
DATA SET 1	1	LLOD	178	1.698970004	2.250420002	0.551449998
DATA SET 1	1	LLOD	106	1.698970004	2.025305865	0.326335861
DATA SET 1	1	LLOD	306	1.698970004	2.485721426	0.786751422
DATA SET 1	1	LLOD	199	1.698970004	2.298853076	0.599883072
DATA SET 1	2	LLOD	91	1.698970004	1.959041392	0.260071388
DATA SET 1	3	LLOD	1	1.698970004		
DATA SET 1	4	LLOD	84	1.698970004	1.924279286	0.225309282
DATA SET 1	5	LLOD	138	1.698970004	2.139879086	0.440909082
DATA SET 1	1	Low	2613	3.176091259	3.41713941	0.241048151
DATA SET 1	1	Low	2445	3.176091259	3.388278863	0.212187604
DATA SET 1	1	Low	1934	3.176091259	3.28645647	0.110365211
DATA SET 1	1	Low	4060	3.176091259	3.608526034	0.432434775
DATA SET 1	1	Low	2521	3.176091259	3.401572846	0.225481587
DATA SET 1	2	Low	3677	3.176091259	3.56549363	0.389402371
DATA SET 1	3	Low	2417	3.176091259	3.38327665	0.207185391
DATA SET 1	4	Low	3687	3.176091259	3.566673138	0.390581879
DATA SET 1	5	Low	2960	3.176091259	3.471291711	0.295200452
DATA SET 1	1	Medium	40425	4.176091259	4.606650029	0.43055877
DATA SET 1	1	Medium	30913	4.176091259	4.490141154	0.314049895
DATA SET 1	1	Medium	27140	4.176091259	4.433609843	0.257518584
DATA SET 1	1	Medium	37189	4.176091259	4.5704145	0.394323241
DATA SET 1	1	Medium	32345	4.176091259	4.509807155	0.333715896
DATA SET 1	2	Medium	25991	4.176091259	4.414822989	0.23873173
DATA SET 1	3	Medium	27286	4.176091259	4.435939875	0.259848616
DATA SET 1	4	Medium	33884	4.176091259	4.529944673	0.353903414
DATA SET 1	5	Medium	39248	4.176091259	4.593517531	0.417726272
DATA SET 1	1	High	341369	5.176091259	5.53322408	0.357132821
DATA SET 1	1	High	300495	5.176091259	5.47783725	0.301745991
DATA SET 1	1	High	268350	5.176091259	5.4287016	0.252610341
DATA SET 1	1	High	280668	5.176091259	5.4481929	0.272101641
DATA SET 1	1	High	251535	5.176091259	5.400598424	0.224507165
DATA SET 1	2	High	350457	5.176091259	5.544634739	0.36854348
DATA SET 1	3	High	320239	5.176091259	5.505474221	0.329382962
DATA SET 1	4	High	317625	5.176091259	5.501914678	0.325823419
DATA SET 1	5	High	266861	5.176091259	5.426285109	0.25019385
DATA SET 1	2	Ultra High	4597630	6.176091259	6.662534018	0.486442759
DATA SET 1	2	Ultra High	4753467	6.176091259	6.677010483	0.500919224
DATA SET 1	2	Ultra High	1915570	6.176091259	6.282298027	0.106206768
DATA SET 1	2	Ultra High	3834564	6.176091259	6.583715991	0.407624732
DATA SET 1	3	Ultra High	5365627	6.176091259	6.729620479	0.55352922
DATA SET 1	4	Ultra High	4789190	6.176091259	6.680262067	0.504170808
DATA SET 1	5	Ultra High	9414344	6.176091259	6.973790063	0.797698804
DATA SET 2	1	<LLOD	1	1.397940009		
DATA SET 2	3	<LLOD	1	1.397940009		
DATA SET 2	3	<LLOD	1	1.397940009		
DATA SET 2	1	LLOD	1	1.698970004		
DATA SET 2	1	LLOD	48	1.698970004	1.684845362	-0.014124643
DATA SET 2	1	LLOD	1	1.698970004		
DATA SET 2	2	LLOD	68	1.698970004	1.831229694	0.13225969
DATA SET 2	3	LLOD	1	1.698970004		
DATA SET 2	4	LLOD	1	1.698970004		
DATA SET 2	5	LLOD	1	1.698970004		
DATA SET 2	1	Low	973	3.176091259	2.98811284	-0.187978419
DATA SET 2	1	Low	981	3.176091259	2.991669007	-0.184422252
DATA SET 2	1	Low	806	3.176091259	2.906335042	-0.269756217
DATA SET 2	1	Low	698	3.176091259	2.843855423	-0.332235936
DATA SET 2	2	Low	1250	3.176091259	3.036910013	-0.079181246
DATA SET 2	3	Low	1760	3.176091259	3.245512668	0.069421409
DATA SET 2	4	Low	1970	3.176091259	3.294466226	0.118374967
DATA SET 2	5	Low	1430	3.176091259	3.155336037	-0.020755222
DATA SET 2	1	Medium	1290	3.176091259	3.11058971	-0.065501549
DATA SET 2	1	Medium	22300	4.176091259	4.348304863	0.172213604
DATA SET 2	1	Medium	13200	4.176091259	4.120573931	-0.055517328
DATA SET 2	1	Medium	14200	4.176091259	4.152288344	-0.023802915
DATA SET 2	1	Medium	16600	4.176091259	4.220108088	0.044016829
DATA SET 2	1	Medium	16500	4.176091259	4.217483944	0.041392685
DATA SET 2	2	Medium	17000	4.176091259	4.230448921	0.054357662
DATA SET 2	3	Medium	24800	4.176091259	4.394451681	0.218360422
DATA SET 2	4	Medium	18900	4.176091259	4.276461804	0.100370545
DATA SET 2	5	Medium	18000	4.176091259	4.255272505	0.079181246
DATA SET 2	1	High	124000	5.176091259	5.093421685	-0.082669574
DATA SET 2	1	High	236000	5.176091259	5.372912003	0.196820744
DATA SET 2	1	High	158000	5.176091259	5.198657087	0.022565828
DATA SET 2	1	High	198000	5.176091259	5.2966519	0.120573931
DATA SET 2	1	High	211000	5.176091259	5.324282455	0.148191196
DATA SET 2	2	High	270000	5.176091259	5.431363764	0.255272505
DATA SET 2	3	High	202000	5.176091259	5.305351369	0.12926011
DATA SET 2	4	High	232000	5.176091259	5.365487985	0.189396726
DATA SET 2	5	High	124000	5.176091259	5.093421685	-0.082669574
DATA SET 2	2	Ultra High	2390000	6.176091259	6.378397901	0.202306642
DATA SET 2	2	Ultra High	3140000	6.176091259	6.496929648	0.320838389
DATA SET 2	2	Ultra High	2780000	6.176091259	6.444044796	0.267953537
DATA SET 2	2	Ultra High	2810000	6.176091259	6.44870632	0.272615061
DATA SET 2	3	Ultra High	2980000	6.176091259	6.474216264	0.298125005
DATA SET 2	4	Ultra High	2000000	6.176091259	6.301029966	0.124938737
DATA SET 2	5	Ultra High	2240000	6.176091259	6.350248018	0.174156759

Data Set #1	average diff
25	0.630974105
50	0.455815729
1500	0.278209713
15000	0.333375158
150000	0.09800463
1500000	0.479513188

Data Set #2	average diff
25	#DIV/0!
50	0.059067523
1500	-0.105781596
15000	0.070063639
150000	0.099637988
1500000	0.237276304



DATA SET #1

Nominal	Data #1	Nominal	Data #1
Donor 1	8,873	Donor 27	33,450
Donor 2	3,572	Donor 28	1,981
Donor 3	499	Donor 29	7,740
Donor 4	1	Donor 30	1
Donor 5	45	Donor 31	27,246
Donor 6	62,913	Donor 32	572,925
Donor 7	964,628	Donor 33	12,837
Donor 8	15,373	Donor 34	24,815
Donor 9	1	Donor 35	4,683,090
Donor 10	1,017	Donor 36	26,438
Donor 11	53	Donor 37	360,761
Donor 12	91,760	Donor 38	2,339,737
Donor 13	900,514	Donor 39	132
Donor 14	5,818,553		
Donor 15	1,320,817		
Donor 16	86,954		
Donor 17	268,900		
Donor 18	256,029		
Donor 19	2,727		
Donor 20	377,289		
Donor 21	12,714		
Donor 22	54		
Donor 23	1		
Donor 24	526		
Donor 25	236,296		
Donor 26	1,006		
Run Date	6/10/2008	6/10/2008	6/10/2008

0.96 Pearson Correlation (log10)
Target >0.95

DATA SET #2

Nominal	Data #2	Nominal	Data #2
Donor 1	22,000	Donor 27	24,700
Donor 2	9,740	Donor 28	818
Donor 3	581	Donor 29	37,900
Donor 4	1	Donor 30	1
Donor 5	1	Donor 31	19,100
Donor 6	104,000	Donor 32	647,000
Donor 7	933,000	Donor 33	13,400
Donor 8	78,500	Donor 34	29,100
Donor 9	1	Donor 35	6,980,000
Donor 10	8,320	Donor 36	60,700
Donor 11	1	Donor 37	409,000
Donor 12	312,000	Donor 38	585,000
Donor 13	477,000	Donor 39	83
Donor 14	3,260,000		
Donor 15	1,900,000		
Donor 16	102,000		
Donor 17	708,000		
Donor 18	121,000		
Donor 19	4,830		
Donor 20	320,000		
Donor 21	10,500		
Donor 22	85		
Donor 23	1		
Donor 24	1		
Donor 25	531,000		
Donor 26	201		
Run Date	6/11/2008	1/0/1900	6/10/2008

Data Set #1(log10)	Data Set #2(log10)	Average	Difference
3.948070482	4.342422681	4.14524658	-0.3943522
3.552911145	3.988558957	3.7707352	-0.43564751
2.698100546	2.764176132	2.73113834	-0.06607559
	#DIV/0!	#VALUE!	
1.653212514		1.65321251	#VALUE!
4.798740395	5.017033339	4.90788687	-0.21829294
5.984359864	5.969881644	5.97712075	0.01447822
4.186758627	4.894869657	4.54081414	-0.70811103
	#DIV/0!	#VALUE!	
3.007320953	3.920123326	3.46372214	-0.91280237
1.72427587		1.72427587	#VALUE!
4.962653405	5.494154594	5.228404	-0.53150119
5.954490469	5.678518379	5.81650442	0.27597209
6.764814995	6.5132176	6.6390163	0.25159739
6.12084265	6.278753601	6.19979813	-0.15791095
4.939289565	5.008600172	4.97394487	-0.06931061
5.429590802	5.850033258	5.63981203	-0.42044246
5.40828916	5.08278537	5.24553727	0.32550379
3.435685138	3.683947131	3.55981613	-0.24826199
5.576674143	5.505149978	5.54091206	0.07152417
4.104282207	4.021189299	4.06273575	0.08309291
1.73239376	1.926856709	1.82962523	-0.19446295
	#DIV/0!	#VALUE!	
2.720985744		2.72098574	#VALUE!
5.37345637	5.725094521	5.54927545	-0.35163815
3.002597981	2.303196057	2.65289702	0.69940192
4.524396122	4.392696953	4.45854654	0.13169917
3.296884476	2.912753304	3.10481889	0.38413117
3.888740961	4.57863921	4.23369009	-0.68989825
	#DIV/0!	#VALUE!	
4.435302752	4.281033367	4.35816806	0.15426939
5.758097773	5.810904281	5.78450103	-0.05280651
4.108463541	4.127104798	4.11778417	-0.01864126
4.39471428	4.463892989	4.42930363	-0.06917871
6.670532504	6.843855423	6.75719396	-0.17332292
4.422228598	4.783188691	4.60270864	-0.36096009
5.557219582	5.611723308	5.58447145	-0.05450373
6.369167043	5.767155866	6.06816145	0.60201118
2.120573931	1.918030337	2.01930213	0.20254359
	#DIV/0!	#VALUE!	
	#DIV/0!	#VALUE!	
	#DIV/0!	#VALUE!	
	#DIV/0!	#VALUE!	
	#DIV/0!	#VALUE!	
	#DIV/0!	#VALUE!	
	#DIV/0!	#VALUE!	

