

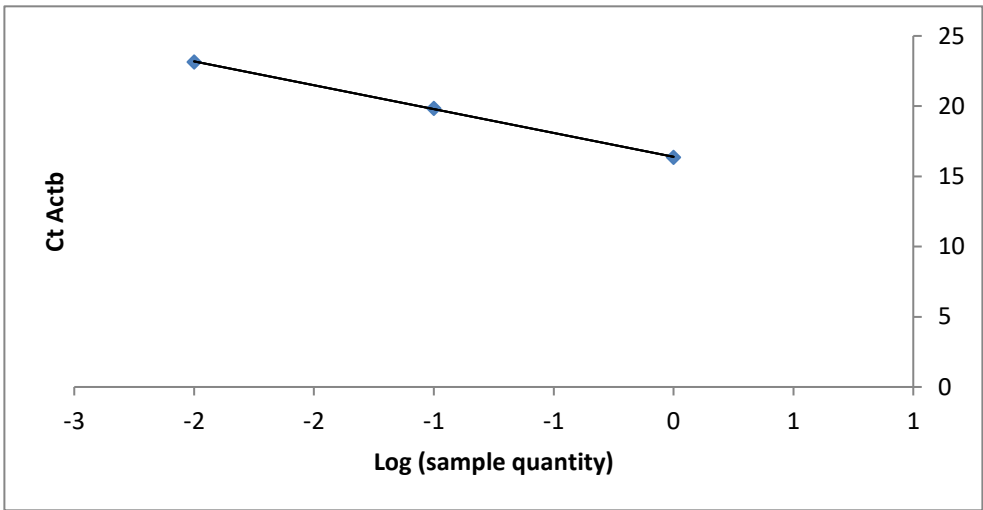
Supplementary Materials

Table S1. PCR effeciency (%).

Actb					
Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	16.31	16.41	16.36	1.0000	0.00
B	19.92	19.79	19.855	0.1000	-1.00
C	23.19	23.12	23.155	0.0100	-2.00

Dilution Factor 10

Slope	-3.3975
R Squared	0.9997
Efficiency (%)	96.94



Sod2

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	16.51	16.44	16.475	1.0000	0.00
B	19.71	19.59	19.65	0.1000	-1.00
C	22.89	22.74	22.815	0.0100	-2.00

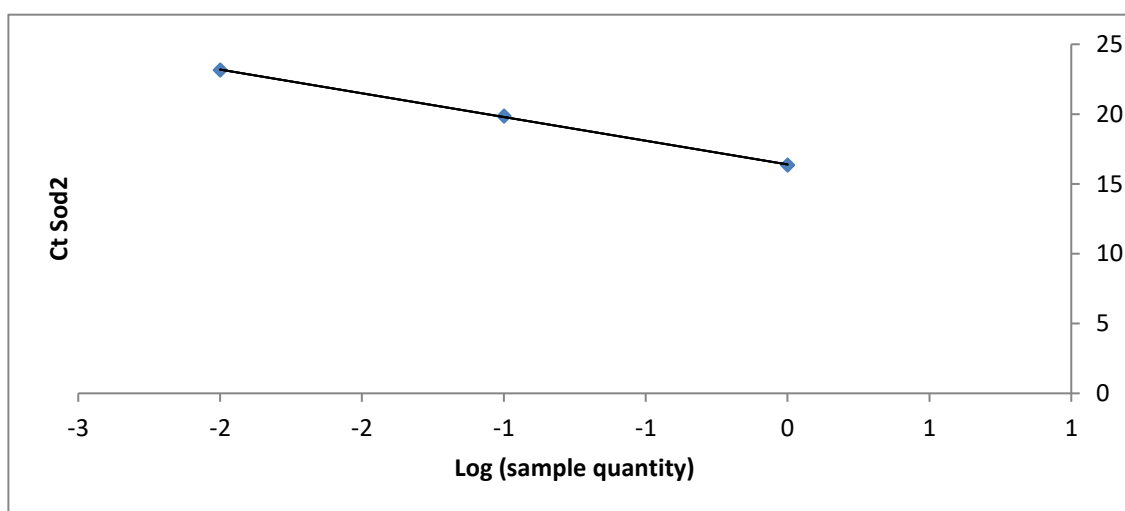
Dilution Factor

10

Slope -3.17

R Squared 1.0000

Efficiency (%) 106.76



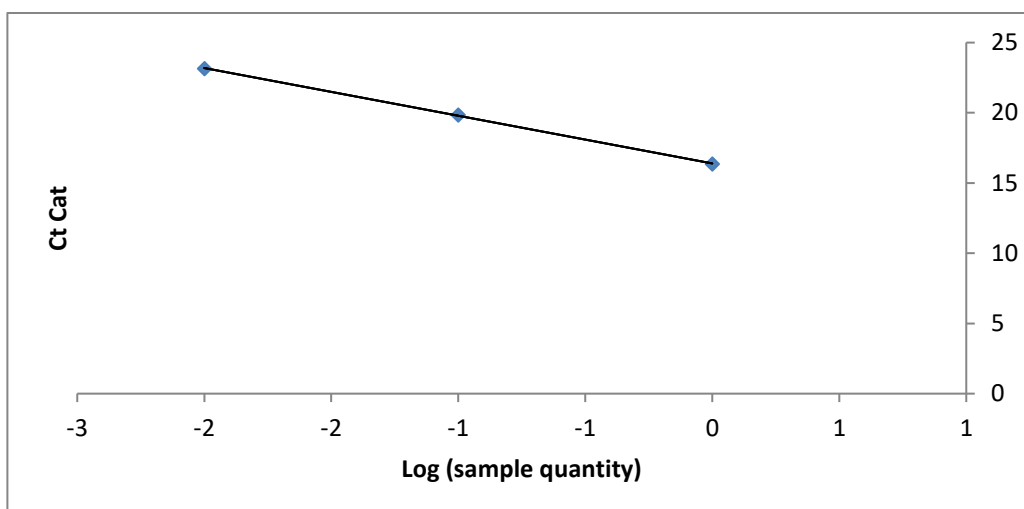
Cat

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	20.26	20.14	20.2	1.0000	0.00
B	22.98	23.13	23.055	0.1000	-1.00
C	27.27	27.06	27.165	0.0100	-2.00

Dilution Factor

10

Slope	-3.4825
R Squared	0.9893
Efficiency (%)	93.71



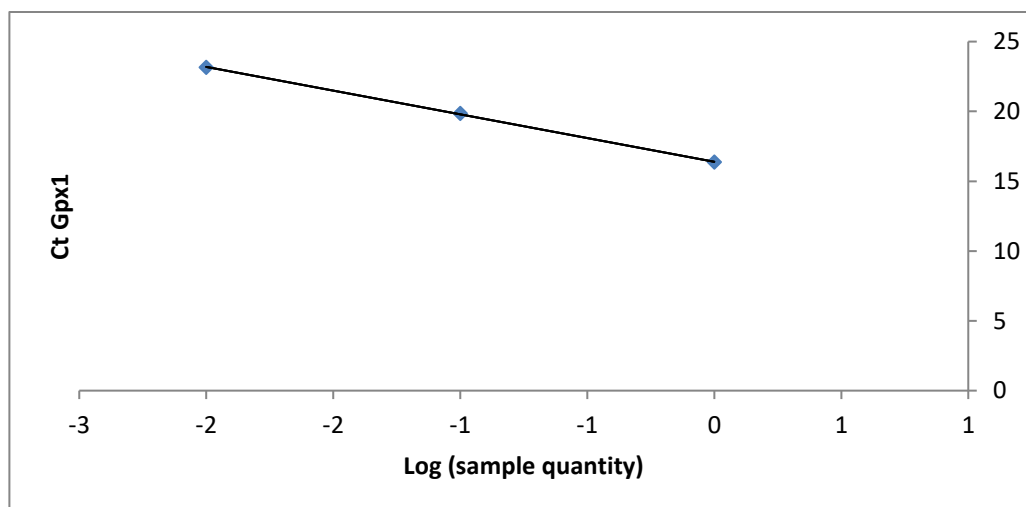
Gpx1

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	19.26	19.41	19.335	1.0000	0.00
B	22.27	22.43	22.35	0.1000	-1.00
C	26.04	25.62	25.83	0.0100	-2.00

Dilution Factor

10

Slope	-3.2475
R Squared	0.9983
Efficiency (%)	103.20



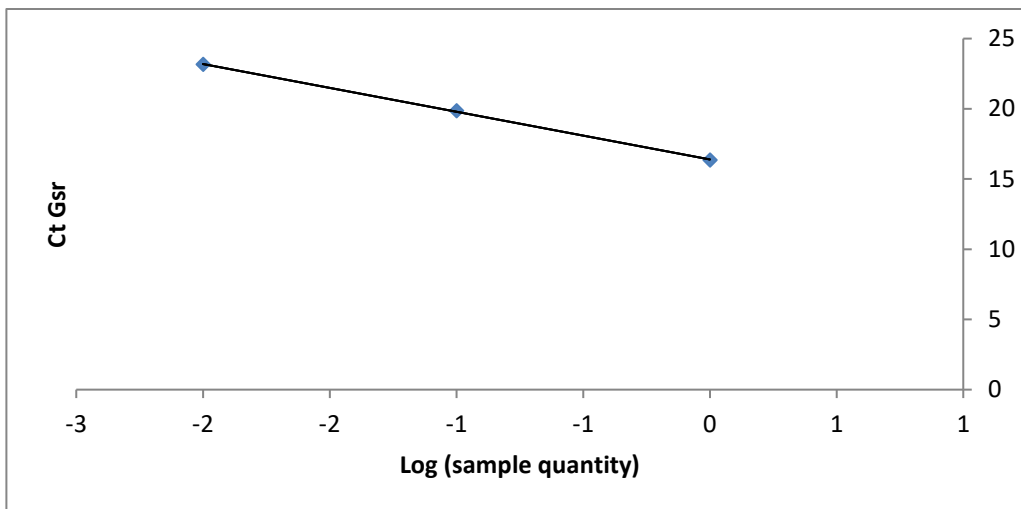
Gsr

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	24.61	24.32	24.465	1.0000	0.00
B	26.92	26.41	26.665	0.1000	-1.00
C	30.71	30.18	30.445	0.0100	-2.00

Dilution Factor

10

Slope	-2.99
R Squared	0.9773
Efficiency (%)	116.00



Nrf2

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	22.67	22.41	22.54	1.0000	0.00
B	25.18	24.98	25.08	0.1000	-1.00
C	29.06	28.78	28.92	0.0100	-2.00

Dilution Factor

10

Slope

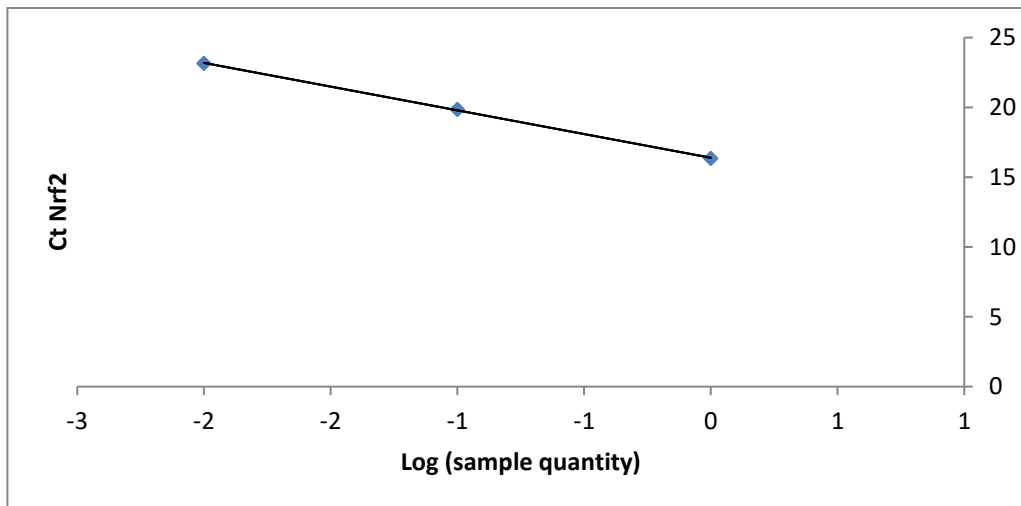
-3.19

R Squared

0.9863

Efficiency (%)

105.82



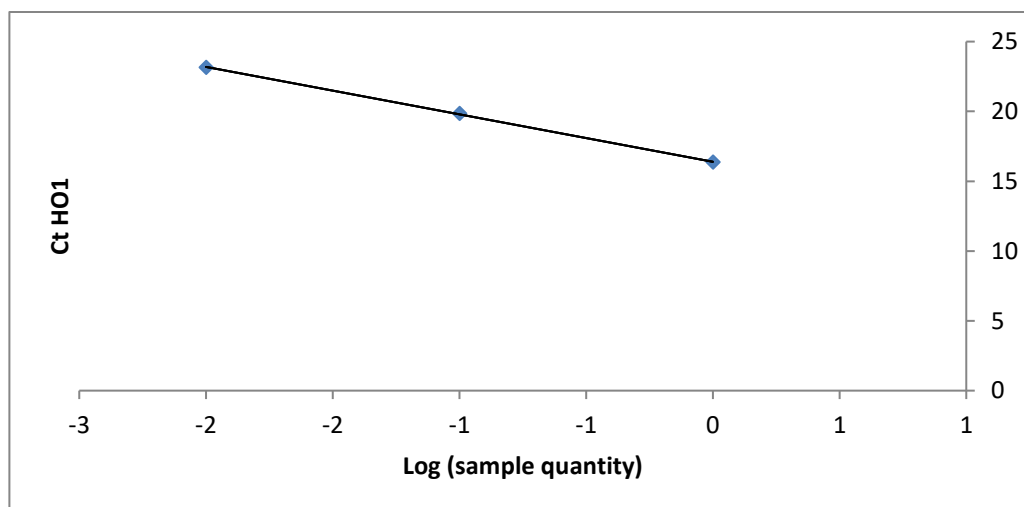
HO1

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	19.68	20.03	19.855	1.0000	0.00
B	22.74	22.86	22.8	0.1000	-1.00
C	26.04	26.48	26.26	0.0100	-2.00

Dilution Factor

10

Slope	-3.2025
R Squared	0.9978
Efficiency (%)	105.24



Nos2

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	16.78	17.04	16.91	1.0000	0.00
B	20.06	20.31	20.185	0.1000	-1.00
C	23.47	23.84	23.655	0.0100	-2.00

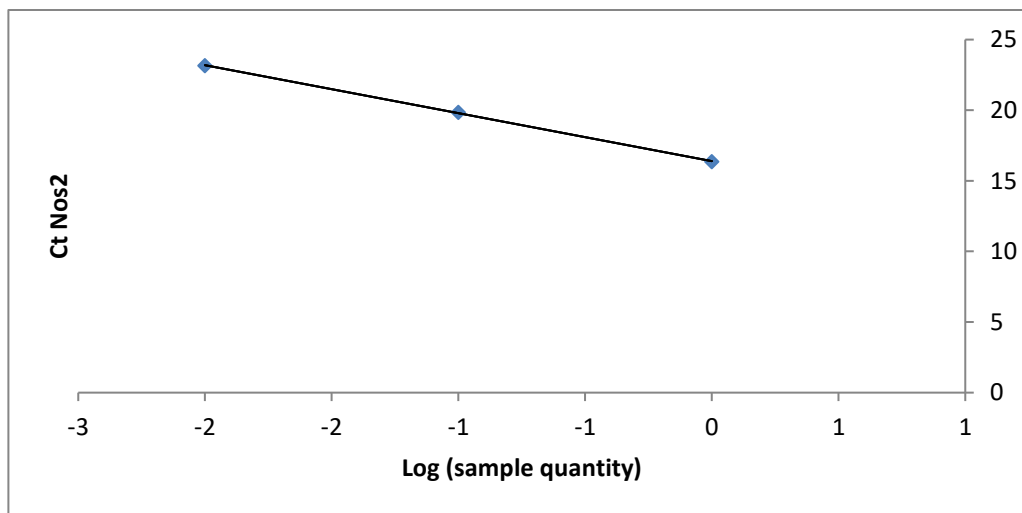
Dilution Factor

10

Slope -3.3725

R Squared 0.9997

Efficiency (%) 97.93



Tnf

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	19.87	19.51	19.69	1.0000	0.00
B	22.36	22.42	22.39	0.1000	-1.00
C	26.04	26.2	26.12	0.0100	-2.00

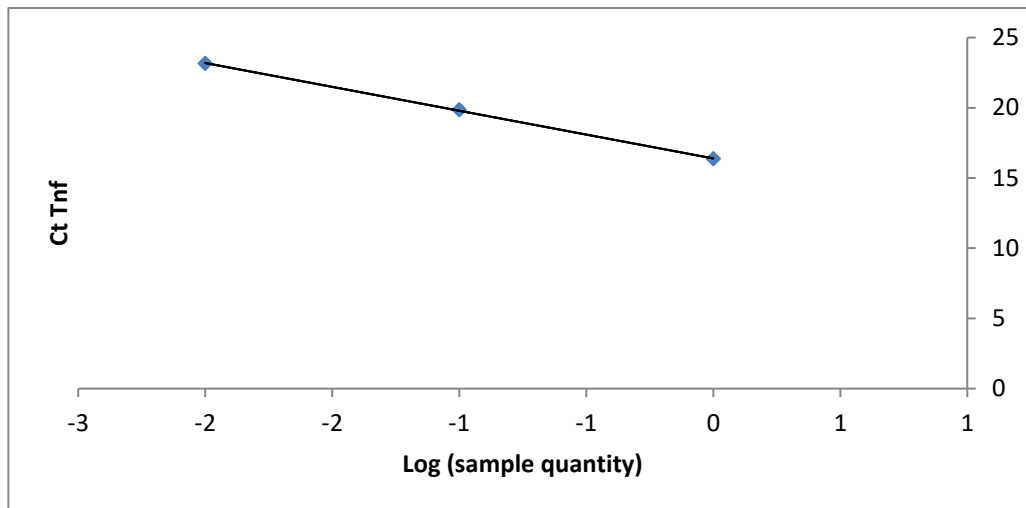
Dilution Factor

10

Slope -3.215

R Squared 0.9915

Efficiency (%) **104.66**



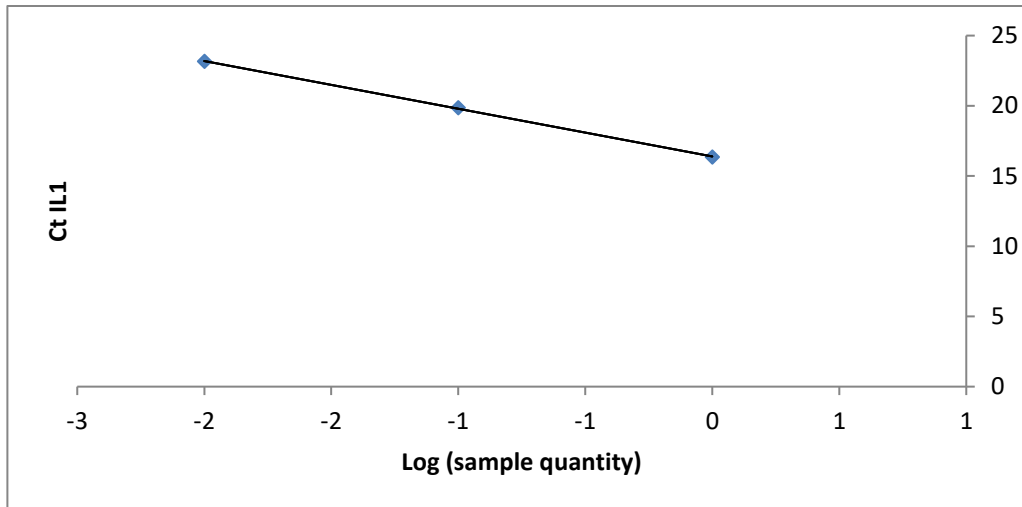
IL1

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	17.63	17.53	17.58	1.0000	0.00
B	20.47	20.31	20.39	0.1000	-1.00
C	23.82	23.81	23.815	0.0100	-2.00

Dilution Factor

10

Slope	-3.1175
R Squared	0.9968
Efficiency (%)	109.30



IL10

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	18.24	18.12	18.18	1.0000	0.00
B	21.36	21.22	21.29	0.1000	-1.00
C	24.48	24.56	24.52	0.0100	-2.00

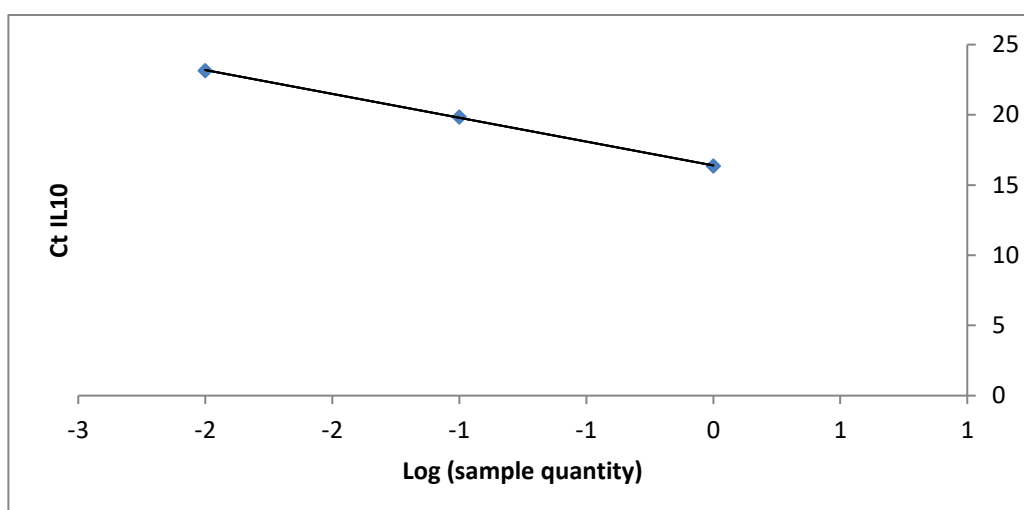
Dilution Factor

10

Slope -3.17

R Squared 0.9999

Efficiency (%) 106.76



Bcl2

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	16.98	17.03	17.005	1.0000	0.00
B	20.36	20.24	20.3	0.1000	-1.00
C	23.84	23.79	23.815	0.0100	-2.00

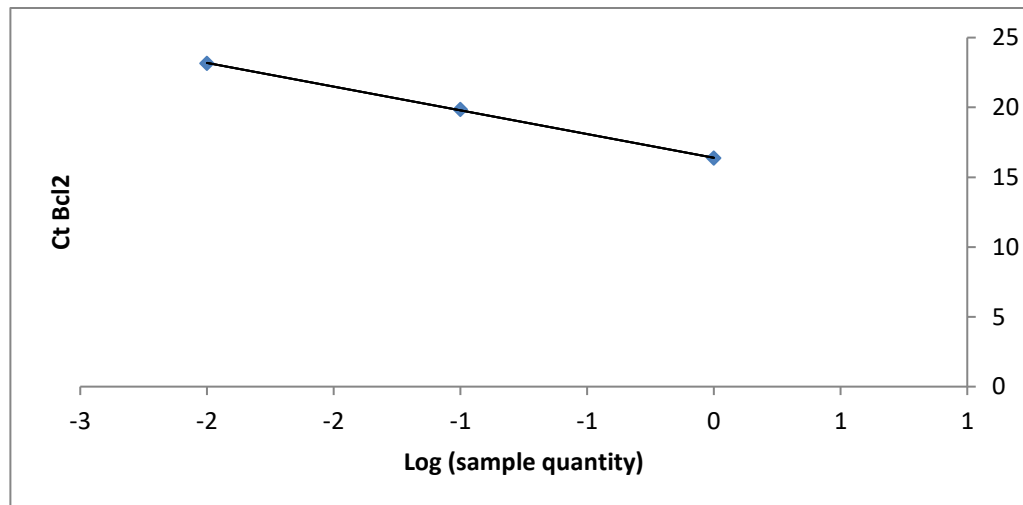
Dilution Factor

10

Slope -3.405

R Squared 0.9997

Efficiency (%) 96.65



Bax

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	17.42	17.49	17.455	1.0000	0.00
B	20.36	20.24	20.3	0.1000	-1.00
C	23.89	24.06	23.975	0.0100	-2.00

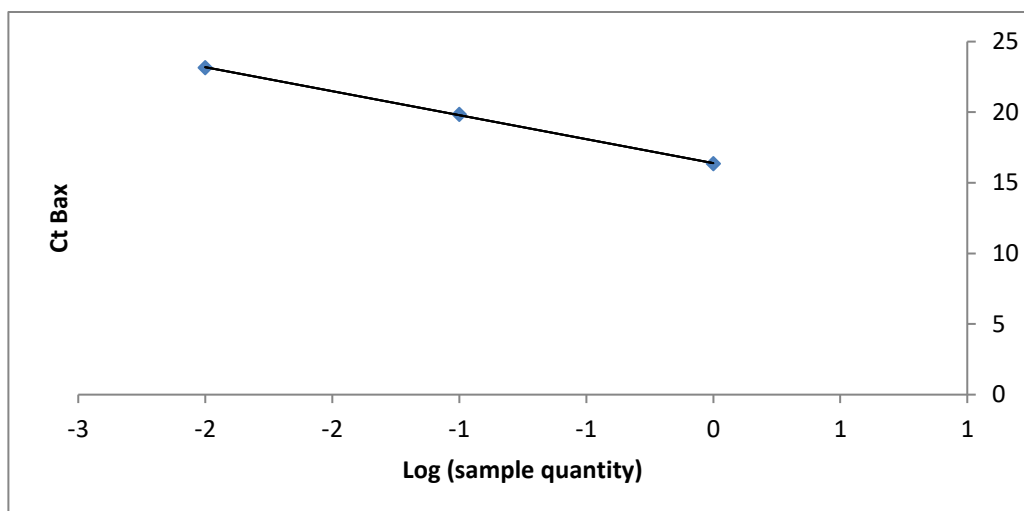
Dilution Factor

10

Slope -3.26

R Squared 0.9946

Efficiency (%) 102.65



Casp3

Tube	Ct 1	Ct 2	Avg Ct	Sample Quantity	Log (sample quantity)
A	21.69	21.74	21.715	1.0000	0.00
B	24.68	24.71	24.695	0.1000	-1.00
C	27.93	28.04	27.985	0.0100	-2.00

Dilution Factor

10

Slope	-3.135
R Squared	0.9992
Efficiency (%)	108.44

