

Assay no.	10 ⁸	10 ⁷	10 ⁶	10 ⁵	10 ⁴	10 ³	10 ²	10 ¹
<u>Intra-assay variation</u>								
I	12.54	15.62	19.05	22.12	25.12	29.13	33.63	36.32
II	12.59	15.75	19.15	22.01	25.22	29.49	32.74	36.39
III	12.60	15.92	19.39	22.08	25.18	29.32	33.18	35.69
IV	12.56	15.70	19.73	22.24	25.33	30.03	33.38	35.80
Mean C _T ± S.D ^a	12.57 ±0.03	15.74 ±0.13	19.33 ±0.30	22.11 ±0.10	25.21 ±0.09	29.49 ±0.39	33.23 ±0.38	36.05 ±0.36
CV (%) ^b	0.22	0.81	1.56	0.44	0.35	1.31	1.13	0.99
<u>Inter-assay variation</u>								
I	12.40	15.63	19.08	22.47	26.10	29.61	33.13	35.83
II	12.50	15.58	19.18	22.41	26.05	29.55	33.12	36.76
III	12.25	15.84	19.28	22.24	26.17	29.49	32.82	36.07
IV	12.53	15.36	19.77	23.22	26.66	30.31	33.57	36.19
Mean C _T ± S.D ^a	12.42 ±0.13	15.60 ±0.20	19.32 ±0.31	22.58 ±0.43	26.24 ±0.28	29.74 ±0.38	33.16 ±0.31	36.21 ±0.39
CV (%) ^b	1.02	1.26	1.58	1.92	1.07	1.29	0.93	1.09

SUPPLEMENTAL TABLE 1. Reproducibility of C_T values in intra- and inter-assays using the CDV N 2-step RT-qPCR assay

^a Standard deviation
^b Coefficient of variation

Assay no.	10 ⁸	10 ⁷	10 ⁶	10 ⁵	10 ⁴	10 ³	10 ²	10 ¹
<u>Intra-assay variation</u>								
I	12.21	15.93	19.89	23.24	26.53	30.05	33.54	36.16
II	12.60	15.92	20.21	23.45	26.33	29.55	33.40	36.07
III	12.33	15.41	19.79	23.33	26.80	30.29	33.57	37.73
IV	12.34	15.00	20.16	23.73	26.91	29.91	33.10	36.80
Mean C _T ± S.D ^a	12.37 ±0.16	15.56 ±0.45	20.01 ±0.20	23.43 ±0.21	26.64 ±0.26	29.95 ±0.31	33.40 ±0.21	36.69 ±0.77
CV (%) ^b	1.33	2.88	1.02	0.91	0.99	1.03	0.64	2.09
<u>Inter-assay variation</u>								
I	12.34	15.7	19.7	23.09	26.37	30.43	33.63	36.32
II	12.55	16.05	19.73	22.92	26.32	30.26	32.74	36.39
III	12.34	15.29	19.95	22.89	26.96	30.21	33.18	36.69
IV	12.55	15.98	19.86	22.86	26.38	29.63	33.38	36.8
Mean C _T ± S.D.	12.45 ±0.12	15.76 ±0.34	19.81 ±0.12	22.94 ±0.10	26.51 ±0.30	30.13 ±0.35	33.23 ±0.38	36.55 ±0.23
CV (%)	0.97	2.19	0.59	0.45	1.14	1.15	1.13	0.63

SUPPLEMENTAL TABLE 2. Reproducibility of C_T values in intra- and inter-assays using the SIV gag 2-step RT-qPCR assay

^a Standard deviation
^b Coefficient of variation