

Reagent test – USA CDC Set

Template: Synthesized RNA 5[^]0-4 copies, NTC N=2
 Primer/Probe: USA CDC set
 Instrument: Thermal Cycler Dice RealTime System III (Takara)

Gene	Init Qty	Ct(CP)				
		RR064	RR600	RR601	RR650	RR651
N1	NTC	--	--	--	--	--
	5.00E+00					
	5.00E+01	34.63	35.14	35.37	36.05	35.94
		34.63	35.18	35.23	36.38	35.78
	5.00E+02	31.49	31.85	31.82	33.34	33.48
		31.36	31.90	31.63	33.33	33.45
5.00E+03	28.92	29.08	28.97	30.71	30.74	
5.00E+04	25.37	25.74	25.53	27.06	26.96	
N2	NTC	--	--	--	--	--
	5.00E+00	39.37	36.76	38.02	38.18	38.65
	5.00E+01	39.69	38.39	38.21	38.53	38.79
		40.28	35.63	35.51	36.33	36.74
	5.00E+02	37.74	35.15	35.74	36.38	37.09
		35.41	32.87	33.16	33.92	34.36
5.00E+03	35.00	32.91	33.12	34.00	34.29	
5.00E+04	31.81	29.56	29.75	30.72	31.04	
N3	NTC	--	--	--	--	--
	5.00E+00	39.74	38.33	38.22	39.55	40.73
	5.00E+01	36.76	38.36	39.12	39.99	42.87
		35.16	35.99	36.51	38.34	38.54
	5.00E+02	35.30	36.21	35.58	37.11	38.80
		33.57	32.59	32.86	34.11	34.43
5.00E+03	32.35	32.53	32.70	33.63	34.79	
5.00E+04	29.08	29.41	29.61	30.52	31.35	
		25.90	26.23	26.34	27.04	27.71

Detection of COVID19 with our one-step RT-qPCR kits. These data were generated by Takara Bio using publicly available protocols from the USA CDC. These data have not been validated by the USA CDC.

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