

S1 Table

ONLINE SUPPLEMENT

**EVALUATION OF POTENTIAL COVID-19 RECURRENCE IN PATIENTS WITH
LATE REPEAT POSITIVE SARS-COV-2 TESTING**

Ithan D. Peltan, MD, MSc, Sarah J. Beesley, MD, MS, Brandon J. Webb, MD,
Bert K. Lopansri, MD, Will Sinclair, BS, Jason R. Jacobs, PhD, Samuel M. Brown, MD, MS

S1 Table. SARS-CoV-2 RT-PCR assays.

Assay manufacturer	Genes targeted ^a	Ct values reported per test	Maximum Ct value for assay	Assays performed ^b	Positive ^b	Ct value available ^b
Centers for Disease Control [1,2]	N (3 targets) ^c	3	40	3	3	3
Quidel [3]	ORF	1	30	51	46	44
Cepheid [4]	N, E	2	45	32	32	31
Thermo Fisher Scientific [5]	ORF, N, S	3	40	195	164	164
Hologic [6]	ORF (2 targets)	1	40	7	7	7
Biofire [7]	ORF (3 targets)	N/A ^d	N/A ^d	3	3	0
Roche [8]	ORF, E	2	40	4	2	2

Abbreviations: Ct, cycle threshold; ORF, open reading frame

^a SARS-CoV-2 genes targeted by utilized assays were the those encoding the structural nucleocapsid (N), envelope (E), and spike (S) proteins and the open reading frame (ORF) polyprotein.[9]

^b Includes RT-PCR assays (positive and negative) performed for patients with ≥ 1 recurrent positive RT-PCR assay ≥ 60 days after their initial positive assay.

^c At the time this assay was used, CDC assay employed three targets. The CDC RT-PCR has subsequently been reduced to two targets.

^d Cycle threshold values are not reported for this assay.

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