

Supplementary Material

Detection and identification of SARS-COV-2 and Influenza A based on microfluidic technology

1 Supplementary Data

Table S1 qPCR results data for 18 clinical samples.

Sample	Sam ple num ber	qPCR- Ct value	qPCR experime ntal result
SARS-CoV-2	S1	24.87	Positive
	S2	33.34	Positive
	S3	25.46	Positive
	S4	16.5	Positive
	S5	25.37	Positive
	S6	--	Negative
H1N1	S7	33.52	Positive
	S8	20.45	Positive
	S9	25.37	Positive
	S10	--	Negative
	S11	--	Negative
	S12	19.93	Positive
H3N2	S13	24.93	Positive
	S14	25.58	Positive
	S15	25.27	Positive
	S16	24.81	Positive
	S17	--	Negative
	S18	--	Negative

Fig. S1 Sensitivity curve graphs for the detection of SARS-CoV-2, H1N1, and H3N2 using the qPCR method.

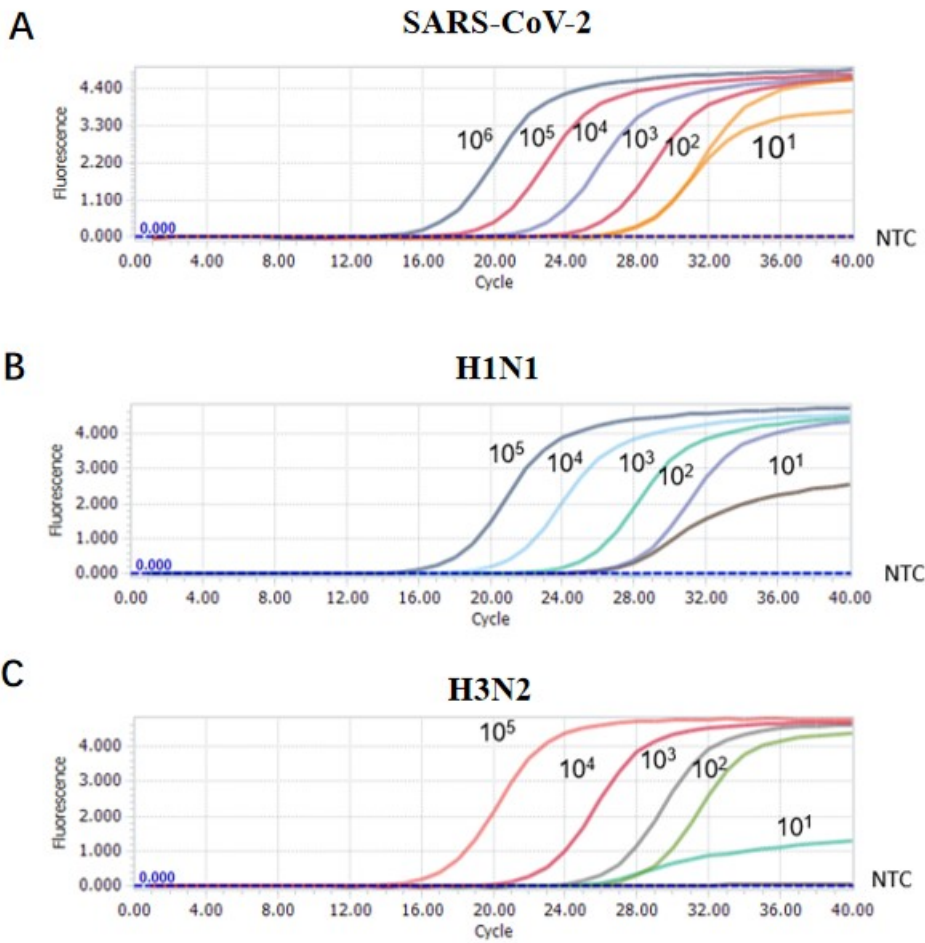


Fig. S2 Sensitivity curve graphs for the detection of SARS-CoV-2, H1N1, and H3N2 using the

PCR method. Lane M, 2000 Marker; lane 1, 1×10^8 copies/ul; lane 2, 1×10^7 copies/ul; lane 3, 1×10^6 copies/ul; lane 4, 1×10^5 copies/ul; lane 5, 1×10^4 copies/ul; lane 6, 1×10^3 copies/ul; lane N, non-template control (NTC, water).

