

**Table S1.** Comparison of Ct values of E gene and RdRp gene in positives and negatives read of rapid antigen test (RAT) from two different location of sample collection.

Ct value	Nasopharyngeal Specimen			Nasal Cavity Specimen		
	Negatives	Positives	p	Negatives	Positives	p
<b>E gene</b>						
Mean (SD)	29.2 (4.0)	18.5 (5.2)	<0.01	27.5 (5.3)	18.4 (5.3)	<0.01
<b>RdRp gene</b>						
Mean (SD)	27.9 (4.0)	17.1 (5.2)	<0.01	26.3 (5.2)	16.9 (5.3)	<0.01