Electronic Supplementary Material

Discrimination of False Negative Results in RT-PCR Detection of SARS-CoV-2 RNAs in Clinical Specimens by Using an Internal Reference

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Fig. S1. The RT-PCR detection of SARS-CoV-2 RNAs positive in 254 paired sputum and throat swab specimens from patients with confirmed SARS-CoV-2 infection. Samples tested negative for SARS-CoV-2 RNAs (with a Ct value over 38 in ORF1ab and N specific RT-PCRs) were excluded for analysis. Pearson correlation coefficients for the levels of detected SARS-CoV-2 RNA levels (based on the assays for ORF1ab and N region) and RPP30 RNAs in patient samples were calculated. For sputum specimens: (C) ORF1ab and N region; (D) ORF1ab and RPP30; (E) N region and RPP30. For throat swab specimens: (F) ORF1ab and N region; (G) ORF1ab and RPP30; (H) N region and RPP30. A P-value of < 0.05 is considered as significant.