

Supplementary Table S1 Cross reactivity and interference testing for the Kestrel™ COVID-19 Ag Rapid Test Kit.

Potential cross-reactant	Concentration	Cross-reactivity (Yes/No)	Interference (Yes/No)
<i>Other viral nucleocapsid antigen</i>			
SARS-coronavirus NP antigen	10 µg/mL	Yes (3/3 positive)	No (3/3 positive)
MERS-coronavirus NP antigen	10 µg/mL	No (3/3 negative)	No (3/3 positive)
Human coronavirus 229E NP antigen	10 µg/mL	No (3/3 negative)	No (3/3 positive)
Human coronavirus OC43 NP antigen	10 µg/mL	No (3/3 negative)	No (3/3 positive)
Human coronavirus NL63 NP antigen	10 µg/mL	No (3/3 negative)	No (3/3 positive)
Parainfluenza virus 1 NP antigen	180 µg/mL	No (3/3 negative)	No (3/3 positive)
Parainfluenza virus 2 NP antigen	180 µg/mL	No (3/3 negative)	No (3/3 positive)
Parainfluenza virus 3 NP antigen	180 µg/mL	No (3/3 negative)	No (3/3 positive)
Parainfluenza virus 4 NP antigen	180 µg/mL	No (3/3 negative)	No (3/3 positive)
Influenza A NP antigen	180 µg/mL	No (3/3 negative)	No (3/3 positive)
Influenza B NP antigen	180 µg/mL	No (3/3 negative)	No (3/3 positive)
<i>Other bacteria and yeast (whole cell protein)</i>			
<i>Haemophilus influenzae</i>	1.5 x 10 ⁸ CFU/mL	No (3/3 negative)	No (3/3 positive)
<i>Streptococcus pneumoniae</i>	1.5 x 10 ⁸ CFU/mL	No (3/3 negative)	No (3/3 positive)
<i>Streptococcus pyogenes</i>	1.5 x 10 ⁸ CFU/mL	No (3/3 negative)	No (3/3 positive)
<i>Candida albicans</i>	10 ⁶ CFU/mL	No (3/3 negative)	No (3/3 positive)
Pooled human nasal wash – representative of normal respiratory microbial flora	100%	No (3/3 negative)	No (3/3 positive)
<i>Mycobacterium tuberculosis</i>	>2×10 ³ CFU/mL	No (3/3 negative)	No (3/3 positive)
<i>Staphylococcus aureus</i>	1.5 x 10 ⁸ CFU/mL	No (3/3 negative)	No (3/3 positive)
<i>Staphylococcus epidermidis</i>	1.5 x 10 ⁸ CFU/mL	No (3/3 negative)	No (3/3 positive)