

### **Supplementary material 1**

The BIOFIRE® Respiratory Panel 2.1 *plus* (RP2.1 *plus*) is a multiplexed nucleic acid test for the simultaneous qualitative detection and identification of multiple respiratory viral and bacterial nucleic acids in nasopharyngeal swabs. The following organism types and subtypes are identified using RP2.1 *plus*: adenovirus, coronavirus 229E, coronavirus HKU1, coronavirus NL63, coronavirus OC43, human metapneumovirus, human rhinovirus/enterovirus, influenza A, including subtypes H1, H1-2009, and H3, influenza B, Middle East Respiratory Syndrome coronavirus (MERS-CoV), parainfluenza virus 1, parainfluenza virus 2, parainfluenza virus 3, parainfluenza virus 4, respiratory syncytial virus, SARS-CoV2, *Bordetella parapertussis* (IS1001), *Bordetella pertussis* (ptxP), *Chlamydia pneumonia*, *Mycoplasma pneumonia*.