150 COVID-19 patients FIG S1 Flowchart of patients and their lower respiratory ICU admitted between 24 September 2020 and 8 tract samples included in the study. Standard-of-care March 2021 testing (SoC) methods consisted of both culture-based identification and antimicrobial susceptibility testing, 212 respiratory tract (130 ETA and 82 BAL) samples analysed by FilmArray Pneumonia Plus (FA-PP) panel which were used as the reference method for comparison and standard-of-care (SoC) testing methods purposes. Cut-off levels of ≥105 and ≥104 colony-forming units or genomic copies/mL were used as positivity thresholds in ETA or BAL samples, respectively. 90 negative samples in 53 patients 122 positive samples in 97 patients 89 ventilator-associated pneumonia 33 non-ventilator-associated episodes (i.e. occurring >48 h of 90 non-pneumonia episodes diagnosed pneumonia episodes (i.e. occurring ≤48 ventilation) diagnosed h of ventilation) diagnosed 87 positive by both FA-PP 2 negative by FA-PP panel 33 positive by both FA-PP panel and SoC testing testing but positive by SoC panel and SoC testing methods testing methods