Note: This is Online Supplementary Document 1 of Van der Westhuizen C, Newton-Foot M, Nel P. Performance comparison of three commercial multiplex molecular panels for respiratory viruses at a South African academic hospital. Afr J Lab Med. 2024;13(1), a2415. https://doi.org/10.4102/ajlm.v13i1.2415.

TABLE 1: Comparison of the viral and bacterial targets of the Anyplex™ II RV16, BioFire® FilmArray® Respiratory 2.1 plus Panel and Qiagen® QIAstat-Dx® Respiratory SARS-CoV-2 Panel syndromic panels.

	ARV	FARP	QRP
Human mastadenovirus	√	√	√
Human coronavirus 229E	√	√	√
Human coronavirus HKU1	X	√	√
Human coronavirus OC43	√	√	√
Human coronavirus NL63	√	√	√
Middle East respiratory syndrome coronavirus	X	√	X
Severe acute respiratory syndrome coronavirus 2	X	√	√
Human metapneumovirus A/B	√	√	√
Human rhinovirus/enterovirus	√†	√	√
Influenza A virus (no subtype)	√	√	√
Influenza A virus (H1)	X	√	√
Influenza A virus (H1-2009)	X	√	√
Influenza A virus (H3)	X	√	√
Influenza B virus	√	√	√
Human parainfluenza virus 1	√	√	√
Human parainfluenza virus 2	√	√	√
Human parainfluenza virus 3	√	√	√
Human parainfluenza virus 4	√	√	√
Human respiratory syncytial virus	√‡	√	√
Human bocavirus	√	X	√
Bordetella pertussis	X	√	√
Bordetella parapertussis	X	√	X
Chlamydia pneumoniae	X	√	X
Legionella pneumophila	X	X	√
Mycoplasma pneumoniae	X	√	√

Source: Authors' own creation

ARV, Anyplex™ II RV16; FARP, BioFire® FilmArray® Respiratory 2.1 plus Panel; QRP, Qiagen® QIAstat-Dx® Respiratory SARS-CoV-2 Panel; √, able to detect; X, unable to detect.

†, ARV able to differentiate between human rhinovirus (HRV) and human enterovirus (HEV).

‡, ARV able to differentiate between respiratory syncytial virus A (RSVA) and respiratory syncytial virus B (RSVB).