

Appendix 1. Microbiological agents detected by real-time PCR

Bacterial agents	
1. <i>Streptococcus pneumoniae</i>	20. <i>Bordetella pertussis</i>
2. Non-typeable <i>Haemophilus influenzae</i>	21. <i>Bordetella parapertussis</i>
3. <i>Haemophilus influenzae</i> type b	22. <i>Enterococcus faecalis</i>
4. <i>Moraxella catarrhalis</i>	23. <i>Enterococcus faecium</i>
5. Group A <i>Streptococcus</i> (GAS)	24. <i>Enterobacter cloacae</i>
6. Group B <i>Streptococcus</i> (GBS)	25. <i>Enterobacter aerogenes</i>
7. <i>Streptococcus suis</i>	26. <i>Escherichia coli</i>
8. <i>Mycoplasma pneumoniae</i>	27. <i>Klebsiella pneumoniae</i>
9. <i>Mycoplasma</i> spp.	28. <i>Pseudomonas aeruginosa</i>
10. <i>Chlamydia pneumoniae</i>	29. <i>Acinetobacter baumannii</i>
11. <i>Chlamydia trachomatis</i>	30. <i>Burkholderia cepacia</i>
12. <i>Chlamydia psittaci</i>	31. <i>Elizabethkingia meningoseptica</i>
13. <i>Legionella pneumophila</i>	32. <i>Stenotrophomonas maltophilia</i>
14. MRSA ^a	33. <i>Morganella morganii</i>
15. MRSE ^b	34. <i>Citrobacter freundii</i>
16. MSSA ^c	35. <i>Providencia</i> spp.
17. MSSE ^d	36. <i>Proteus mirabilis</i>
18. Other MRSCN ^e	37. <i>Fusobacterium nucleatum</i>
19. MRSA with PVL ^f toxin	38. <i>Mycobacterium tuberculosis</i>
Viral agents	Fungal agents
39. Influenzavirus A	55. <i>Pneumocystis jiroveci</i>
40. Influenzavirus B	56. <i>Pan Aspergillus</i>
41. Influenzavirus C	57. <i>Aspergillus fumigatus</i>
42. Parainfluenzavirus 1	58. <i>Aspergillus flavus</i>
43. Parainfluenzavirus 2	59. <i>Aspergillus niger</i>
44. Parainfluenzavirus 3	60. <i>Aspergillus terreus</i>
45. Rhinovirus	61. <i>Candida albicans</i>
46. RSV ^g	62. <i>Candida kefyr</i>

47. hMPV ^h	63. <i>Candida tropicalis</i>
48. Measles virus	64. <i>Cryptococcus neoformans</i>
49. Adenovirus	65. <i>Candida krusei</i>
50. Epstein-Barr virus (EBV)	66. <i>Candida glabrata</i>
51. Cytomegalovirus (CMV)	67. <i>Penicillium marneffe</i>
52. Bocavirus	68. <i>Histoplasma capsulatum</i>
53. Virus varicella zoster	69. <i>Fusarium oxysporum</i>
54. Rubella virus	70. <i>Fusarium solani</i>
a: Methicillin-resistant <i>Staphylococcus aureus</i>	
b: Methicillin-resistant <i>Staphylococcus epidermidis</i>	
c: Methicillin-sensitive <i>Staphylococcus aureus</i>	
d: Methicillin-sensitive <i>Staphylococcus epidermidis</i>	
e: Methicillin-resistant <i>Staphylococcus coagulase-negative</i>	
f: Panton–Valentine leucocidin	
g: Respiratory syncytial virus	
h: Human metapneumovirus	