Appendix 1. Target organisms for surveillance and definition of the multidrug-resistant organisms. The patterns are classified into 5 categories according to classification logics.

Pattern	Surveillance target	Antimicrobial disc	Susceptibility testing result
1.01	*Staphylococcus aureus* (MRSA)	Oxacillin	I or R[a]
1.02	*Staphylococcus aureus* (VRSA)	Vancomycin	I or R
1.03	*Staphylococcus aureus* (TRSA)	Teicoplanin	I or R
1.04	*Enterococcus faecium* (VRE)	Vancomycin	I or R
1.05	*Enterococcus fecalis* (VRE)	Vancomycin	I or R
1.06	Carbapenem-resistant *Escherichia coli* (CREC)	Ertapenem or imipenem or meropenem	I or R
1.07	Carbapenem-resistant *Klebsiella pneumoniae* (CRKP)		
1.08	Carbapenem-resistant *Pseudomonas aeruginosa* (CRPA)		
1.09	Carbapenem-resistant *Acinetobacter baumannii* (CRAB)		
1.10	Multidrug-Resistance Tuberculosis	Isoniazid and rifampin	I or R
1.11	Fluoroquinolone -resistant *Pseudomonas aeruginosa*	Ciprofloxacin or levofloxacin	I or R
1.12	Fluoroquinolone-resistant *Escherichia coli*		
1.13	Coagulase-Negative Staphylococci (MRCNS)	Oxacillin	I or R
1.14	Coagulase-Negative Staphylococci (VRCNS)	Vancomycin	I or R
1.15	Coagulase-Negative Staphylococci (TRCNS)	Teicoplanin	I or R
1.16	*Staphylococcus aureus* total		
1.17	*Staphylococcus aureus* (MSSA)	Oxacillin	S
1.18	*Mycobacterium Tuberculosis* total		
2.01	*Escherichia coli* (ESBL)		
2.02	*Klebsiella pneumoniae* (ESBL)		
2.03	*Klebsiella oxytoca* (ESBL)		
2.04	*Proteus mirabilis* (ESBL)		
2.05	*Escherichia coli*	≥ 3 classes	I or R
2.06	*Klebsiella pneumoniae*	≥ 3 classes	I or R
2.07	*Klebsiella oxytoca*	≥ 3 classes	I or R
2.08	*Proteus mirabilis*	≥ 3 classes	I or R
2.09	Carbapenem-resistant *Enterobacter* species (CR *Enterobacter*)		I or R
2.10	Carbapenem-resistant *Proteus* species (CR *Proteus*)		
2.11	Carbapenem-resistant *Aeromonas* species (CR *Aeromonas*)		
2.12	Carbapenem-resistant *Serratia* species (CR *Serratia*)		
2.13	Carbapenem-resistant *Citrobacter* species (CR *Citrobacter*)		
2.14	Carbapenem-resistant *Morganella* species (CR *Morganella*)		
2.15	Carbapenem-resistant *Providencia* species (CR *Providencia*)		
2.16	Carbapenem-resistant *Klebsiella* species (CR *Klebsiella*)		

2.17	Carbapenem-resistant *Edwardsiella* species (CR *Edwardsiella*)		
2.18	Carbapenem-resistant *Ewingella* species (CR *Ewingella*)		
2.19	Carbapenem-resistant *Leclercia* species (CR *Leclercia*)		
2.20	Carbapenem-resistant *Pantoea* species (CR *Pantoea*)		
2.21	Carbapenem-resistant *Salmonella* species (CR *Salmonella*)		
2.22	Carbapenem-resistant *Shigella* species (CR *Salmonella*)		
2.23	Carbapenem-resistant others		
3.01	*Acinetobacter baumannii* (MDRAB)	≥ 3 classes	I or R
3.02	*Acinetobacter baumannii* (XDRAB)	≥ 5 classes	I or R
3.03	*Pseudomonas aeruginosa* (MDRPA)	≥ 3 classes	I or R
3.04	*Pseudomonas aeruginosa* (XDRPA)	≥ 5 classes	I or R
3.05	MDR *Acinetobacter* species	≥ 3 classes	I or R
3.06	XDR *Acinetobacter* species	≥ 5 classes	I or R
3.07	MDR *Pseudomonas* species	≥ 3 classes	I or R
3.08	XDR *Pseudomonas* species	≥ 5 classes	I or R
3.09	Carbapenem-resistant *Stenotrophomonas maltophilia* (CRSM)	Imipenem or meropenem	I or R
3.10	Carbapenem-resistant NFGNB (CR NFGNB)		
3.11	*Mycobacterium abscessus*		
3.12	*Mycobacterium chelonae*		
4.01	*Stenotrophomonas maltophilia*		
4.02	*Burkholderia cepacia*		
4.03	*Chryseobacterium meningosepticum*		
4.04	*Chryseobacterium indologenes*		
4.05	*Ralstonia pickettii*		
4.06	*Clostridium difficile*		
5.01	*Candida albicans*		
5.02	*Candida tropicalis*		
5.03	*Candida glabrata*		
5.04	*Candida parapsilosis*		
5.05	*Candida krusei*		
5.06	*Aspergillus* species total		
5.07	*Aspergillus fumigatus*		
5.08	*Aspergillus flavus*		
5.09	*Aspergillus terreus*		
5.10	*Fusarium* species total		

[a] Intermediate or resistant.