

Molecular Pathogen Panels

Nail Pathogen Panel	Wound Pathogen Panel	Urinary Pathogen Panel	Respiratory Pathogen Panel
<p>Pathogens: Aspergillus fumigatus Alternaria spp Acremonium strictum Candida albicans Curvularia lunata Candida parapsilosis Candida tropicalis Epidermophyton floccosum Fusarium spp Klebsiella spp Mycobacterium fortuitum Malassezia furfur Meyerozyma guilliermondii Microsporium spp Pseudomonas aeruginosa Streptococcus agalactiae Staphylococcus aureus Scopulariopsis brevicaulis Streptococcus pyogenes Trichosporon asahii Trichophyton spp Trichophyton rubrum</p> <p>Resistance Markers: D-alanine--(R)-lactate ligase VanA (VanA) D-alanine--(R)-lactate ligase VanB (VanB) PBP2a family beta-lactam-resistant peptidoglycan transpeptidase (MecA) 23S rRNA (adenine(2058)-N(6))-methyltransferase (ErmA) Tetracycline resistance ribosomal protection protein (TetM)</p>	<p>Pathogens: Acinetobacter baumannii Bacteroides fragilis Candida albicans Citrobacter freundii, Citrobacter braakii Candida glabrata Candida parapsilosis Enterobacter cloacae Escherichia coli Enterococcus faecalis Enterococcus faecium Klebsiella oxytoca Klebsiella pneumoniae Morganella morganii Pseudomonas aeruginosa Prevotella bivia Proteus mirabilis Streptococcus agalactiae (Group B Strep) Staphylococcus aureus Staphylococcus epidermidis Serratia marcescens</p> <p>Resistance Markers: Class A extended-spectrum beta-lactamase Trimethoprim-resistant dihydrofolate reductase (DfrA1) Trimethoprim-resistant dihydrofolate reductase (DfrA5) PBP2a family beta-lactam-resistant peptidoglycan transpeptidase (MecA) Sulfonamide resistant dihydropteroate synthase (Sul1) Sulfonamide resistant dihydropteroate synthase (Sul2) D-alanine--(R)-lactate ligase VanA (VanA) D-alanine--(R)-lactate ligase VanB (VanB) D-alanine--D-serine ligase VanC2/3 (VanC) Glycopeptide resistance protein VanZ (VanZ) Quinolone resistance pentapeptide repeat protein (QnrA2) Quinolone resistance pentapeptide repeat protein (QnrB) Quinolone resistance pentapeptide repeat protein (QnrS9)</p>	<p>Pathogens: Acinetobacter baumannii Bacteroides fragilis Candida albicans Citrobacter freundii, Citrobacter braakii Candida glabrata Candida parapsilosis Enterobacter cloacae Escherichia coli Enterococcus faecalis Enterococcus faecium Klebsiella oxytoca Klebsiella pneumoniae Morganella morganii Pseudomonas aeruginosa Prevotella bivia Proteus mirabilis Streptococcus agalactiae (Group B Strep) Staphylococcus aureus Staphylococcus epidermidis Serratia marcescens Ureaplasma urealyticum</p> <p>Resistance Markers: Class A extended-spectrum beta-lactamase (blaCTX-M) Trimethoprim-resistant dihydrofolate reductase (DfrA1) Trimethoprim-resistant dihydrofolate reductase (DfrA5) PBP2a family beta-lactam-resistant peptidoglycan transpeptidase (MecA) Quinolone resistance pentapeptide repeat protein (QnrA2) Quinolone resistance pentapeptide repeat protein (QnrB) Quinolone resistance pentapeptide repeat protein (QnrS9) Sulfonamide resistant dihydropteroate synthase (Sul1) Sulfonamide resistant dihydropteroate synthase (Sul2) D-alanine--(R)-lactate ligase VanA (VanA) D-alanine--(R)-lactate ligase VanB (VanB) D-alanine--D-serine ligase VanC2/3 (VanC) Glycopeptide resistance protein VanZ (VanZ)</p>	<p>Pathogens: Human Adenovirus 1 Human Adenovirus 2 Human bocavirus Bordetella bronchiseptica/parapertussis/pertussis Bordetella pertussis Human coronavirus 229E Human coronavirus HKU1 Human coronavirus NL63 Human coronavirus OC43 Chlamydomonas pneumoniae Human enterovirus D68 Human enterovirus pan Human herpesvirus 4 Human herpesvirus 5 Human herpesvirus 6 Haemophilus influenzae Human metapneumovirus (hMPV) Influenza A virus pan Influenza A/H1 Influenza A/H3 Influenza B virus pan Klebsiella pneumoniae Legionella Pneumonia Mycoplasma Pneumonia Human parainfluenza virus 1 Human parainfluenza virus 2 Human parainfluenza virus 3 Human parainfluenza virus 4 Human respiratory syncytial virus A Human respiratory syncytial virus B Human rhinovirus 1/2 Human rhinovirus 2/2 Staphylococcus aureus Streptococcus pneumoniae</p>