

Pathogen Table

| Category | Pathogen |
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| Gram-Positive Bacteria | <i>Streptococcus pneumoniae</i> |
| | <i>Streptococcus pyogenes</i> |
| | <i>Streptococcus agalactiae</i> |
| | <i>Streptococcus anginosus group</i> |
| | <i>Non-tuberculous mycobacteria</i> |
| Gram-Negative Bacteria | <i>Klebsiella pneumoniae</i> |
| | <i>Klebsiella oxytoca</i> |
| | <i>Klebsiella aerogenes</i> |
| | <i>Klebsiella variicola</i> |
| | <i>Pseudomonas aeruginosa</i> |
| | <i>Escherichia coli</i> |
| | <i>Enterobacter cloacae complex</i> |
| | <i>Acinetobacter baumannii</i> |
| | <i>Acinetobacter junii</i> |
| DNA Viruses | *Herpes simplex virus type 1 (HSV-1)* |
| | *Herpes simplex virus type 2 (HSV-2)* |
| | <i>Varicella-zoster virus (VZV)</i> |
| | <i>Epstein-Barr virus (EBV)</i> |
| | <i>Cytomegalovirus (CMV)</i> |
| RNA Viruses | *Human herpesvirus 6 (HHV-6)* |
| | <i>Human respiratory syncytial virus A</i> |
| | <i>Human respiratory syncytial virus B</i> |
| | <i>Human coronavirus 229E</i> |
| | <i>Human coronavirus NL63</i> |

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| | <i>Human coronavirus OC43</i> |
| | <i>Human parainfluenza virus 4</i> |
| Fungi | <i>Candida albicans</i> |
| | <i>Candida tropicalis</i> |
| | <i>Candida parapsilosis</i> |
| | <i>Candida glabrata</i> |
| | <i>Candida krusei</i> |
| | <i>Kodamaea ohmeri</i> |
| | <i>Geotrichum candidum</i> |
| Others (Mycoplasma, Chlamydia, Rickettsia, etc.) | <i>Mycoplasma pneumoniae</i> |
| | <i>Ureaplasma urealyticum</i> |

Notes:

Marked pathogenic microorganisms cover one or more types (species, subtypes, serotypes, etc.).

Nocardia spp.:

Nocardia farcinica, Nocardia cyriacigeorgica, Nocardia brasiliensis, Nocardia abscessus, Nocardia

Streptococcus anginosus group:

Streptococcus intermedius.

Non-tuberculous mycobacteria (NTM):

Mycobacterium avium complex (MAC), Mycobacterium avium, Mycobacterium intracellulare, M.

Burkholderia cepacia complex:

Burkholderia cepacia, Burkholderia cenocepacia, Burkholderia contaminans, Burkholderia multi

Legionella spp.:

Legionella pneumophila, Legionella bozemanii, Legionella longbeachae, Legionella micdadei.

Human adenovirus:

Human adenovirus group B (types 3, 7, 11, 14, 21, 34, 35, 55), group C (types 1, 2, 5, 6, 57), grc

Human herpesvirus 6 (HHV-6):

HHV-6A, HHV-6B.

Influenza A virus:

H1N1, H3N2, H1N1 (2009 pandemic), H5N1, H7N9.

Influenza B virus:

Victoria lineage, Yamagata lineage.

Rhinovirus:

Rhinovirus A, B, C.

Enterovirus:

Group A: Coxsackievirus A2, A5, A6, A10, A16; Enterovirus A71.

Group B: Coxsackievirus B3; Echovirus E18, E30.

Group C, Group D (including Enterovirus D68).

Lichtheimia spp.:

Lichtheimia corymbifera, Lichtheimia ramosa.

Rhizopus spp.:

Rhizopus delemar, Rhizopus microsporus, Rhizopus oryzae.

Rhizomucor spp.:

Rhizomucor pusillus.

est Results

| Pathogen | Pathogen |
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| <i>Mycobacterium tuberculosis complex</i> | <i>Corynebacterium diphtheriae</i> |
| <i>Staphylococcus aureus</i> | <i>Nocardia spp.</i> |
| <i>Bacillus cereus</i> | <i>Peptostreptococcus micros</i> |
| <i>Streptobacillus moniliformis</i> | <i>Rhodococcus equi</i> |
| <i>Serratia marcescens</i> | <i>Fusobacterium necrophorum</i> |
| <i>Proteus mirabilis</i> | <i>Fusobacterium nucleatum</i> |
| <i>Elizabethkingia anophelis</i> | <i>Fusobacterium necrophorum subsp. funduliforme</i> |
| <i>Haemophilus influenzae</i> | <i>Brucella spp.</i> |
| <i>Kingella kingae</i> | <i>Burkholderia cepacia complex</i> |
| <i>Moraxella catarrhalis</i> | <i>Burkholderia pseudomallei</i> |
| <i>Bordetella pertussis</i> | <i>Legionella spp.</i> |
| <i>Bordetella parapertussis</i> | <i>Neisseria meningitidis</i> |
| <i>Bordetella holmesii</i> | <i>Aggregatibacter spp.</i> |
| *Human herpesvirus 6/7 (HHV-6/7)* | <i>Human adenovirus</i> |
| <i>Human bocavirus type 1</i> | <i>Human parvovirus B19</i> |
| <i>Human bocavirus type 2</i> | <i>JC polyomavirus (JCPyV)</i> |
| <i>Human bocavirus type 3</i> | <i>WU polyomavirus (WUPyV)</i> |
| <i>Human bocavirus type 4</i> | <i>BK polyomavirus (BKPyV)</i> |
| <i>Influenza A virus</i> | <i>Enterovirus</i> |
| <i>Influenza B virus</i> | <i>Rhinovirus</i> |
| <i>Influenza C virus</i> | <i>Mumps virus</i> |
| <i>Human parainfluenza virus 1</i> | <i>Rubella virus</i> |

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| <i>Human parainfluenza virus 2</i> | <i>Measles virus</i> |
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| *SARS-CoV-2 (COVID-19)* | |
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| <i>Cryptococcus neoformans</i> | <i>Talaromyces marneffeii</i> |
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| <i>Cryptococcus gattii</i> | <i>Mucor racemosus</i> |
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| <i>Histoplasma capsulatum</i> | <i>Mucor irregularis</i> |
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| <i>Pneumocystis jirovecii</i> | <i>Lichtheimia spp.</i> |
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| <i>Aspergillus fumigatus</i> | <i>Rhizopus spp.</i> |
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| <i>Aspergillus flavus complex</i> | <i>Rhizomucor spp.</i> |
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| <i>Aspergillus niger complex</i> | <i>Fusarium spp.</i> |
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| <i>Chlamydia pneumoniae</i> | <i>Coxiella burnetii</i> |
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| <i>Chlamydia psittaci</i> | <i>Orientia tsutsugamushi</i> |
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. If any one type or the microorganism itself tests positive, the entire entry is considered positive. Specific i

lia asteroides, Nocardia caviae, Nocardia otitidiscaviarum, Nocardia terpenica, Nocardia africana, Nocardia

Mycobacterium chelonae-abscessus complex, Mycobacterium chelonae, Mycobacterium abscessus, Mycot

ivorans.

acterium asiaticum, Mycobacterium celatum, Mycobacterium gordonae, Mycobacterium kansasii, Mycobacteriu

m malmoense, Mycobacterium scrofulaceum, Mycobacterium shimoidei, Mycobacterium simiae, Mycobacterium

1 szulgai, *Mycobacterium xenopi*, *Mycobacterium fortuitum*, *Mycobacterium smegmatis*.