

List of standard laboratory microorganisms and infectious agents

* *Achromobacter* spp.
* *Acidianus* spp.
* *Acidiphilium* spp.
* *Acidithiobacillus* spp.
* *Acremonium cellulolyticus*
* *Actinomadura malachitica*
* *Actinomadura viridis*
* *Actinomyces rectiverticillatus*
* Adeno-associated virus
* *Aeromonas hydrophila*
* *Alcaligenes denitrificans*
* *Alicyclobacillus* spp.
* *Ampelomyces Quisqualis*
* *Anabaena cylindrica*
* *Anaerobacter polyendosporus*
* *Aneurinibacillus migulanus (*formerly *Bacillus migulanus)*
* *Aquifex* spp.
* *Arthrobacter picolinophilus*
* *Arthrobacter* spp.
* *Azorhizobium caulinodans*
* *Azotobacter* spp.
* *Bacillus atrophaeus (*formerly *Bacillus subtilis* var*. niger)*
* *Bacillus brevis* syn*. Brevibacillus brevis*
* *Bacillus cereus* excluding Biovar *anthracis*
* *Bacillus fluorescens putidus*
* *Bacillus geniculatus*
* *Bacillus ginsengihumi*
* *Bacillus licheniformis*
* *Bacillus megaterium (*excluding pv*. cerealis)*
* *Bacillus mesentericus*
* *Bacillus methylotrophicus*
* *Bacillus mojavensis*
* *Bacillus pasteurii*
* *Bacillus pumilus (formerly known as Bacillus aminoglucosidicus)*
* *Bacillus putidus*
* *Bacillus simplex*
* *Bacillus sphaericus*
* *Bacillus stearothermophilus*
* *Bacillus subtilis*
* *Bacillus thuringiensis*
* *Bacteroides* spp*.*
* *Bartonella* spp*. (*excluding *B. bacilliformis*)
* *Beauveria bassiana*
* *Bordetella* spp*.*
* *Botryococcus* spp*.*
* *Brachyspira* spp*.*
* *Brevibacillus* spp*. (*excluding *B. laterosporus)*
* *Burkholderia pseudomallei*
* *Campylobacter* spp*.*
* *Caulobacter* spp*.*
* *Chlamydia trachomatis*
* *Chlamydophila pneumonia*
* *Chlorella* spp*.*
* *Chryseobacterium spp. (excluding C. scophthalmum)*
* *Cicinnobolus cesatti*
* *Citrobacter* spp*.*
* *Clostridium* spp*. (*excluding *C.
botulinum*)
* *Comamonas acidovorans*
* *Corynebacterium spp. (*excluding *C. pseudotuberculosis)*
* Cowpox Virus
* *Cronobacter* spp*.*
* *Cryptococcus* spp*. (*excluding *C. gatii,* and *C. neoformans*)
* *Cryptomonas* spp*.*
* *Cryptosporidium* spp*.*
* *Dehalobacter* spp*.*
* *Dehalococcoides* spp*.*
* *Dehalogenimonas* spp*.*
* *Delftia acidovorans*
* *Desulfobacter* spp*.*
* *Desulfovibrio* spp*.*

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* *Ensifer adhaerens*
* *Ensifer meliloti*
* *Entamoeba* spp*.*
* *Enterobacter asburiae*
* *Enterococcus spp.*
* Enterovirus (human origin only, and excluding swine vesicular disease virus and human enterovirus C)
* *Entomophthora anisopliae*
* *Erwinia tasmaniensis*
* *Escherichia* spp*.*
* *Ferroplasma* spp*.*
* *Fusarium venenatum*
* *Geobacillus* spp*.*
* *Geobacter* spp*.*
* *Giardia* spp*.*
* *Gigaspora margarita*
* *Gliocadium catenalatum*
* *Haemophilus* spp*.*
* Human Adenovirus Types 1-51
* Human coxsackieviruses 1-24
* Human echovirus 1-33
* Human hepatitis virus A, B, C, D, E, G &TTV
* Human Herpes virus 1-8 (includes Herpes simplex virus 1 and 2, Varicella zoster, Epstein-Barr virus and Cytomegalovirus)
* Human immunodeficiency virus (HIV)i
* Human noroviruses
* Human papilloma virus
* Human respiratory syncytial virus
* Human rhinovirus
* *Isochrysis galbana*
* *Klebsiella* spp*.*
* *Legionella* spp*.*
* *Leptospira copenhageni (Leptospira interrogans* serovar *Copenhageni)*
* *Leptospira gripptotyphosa (Leptospira interrogans* serovar *Gripptotyphosa)*
* *Leptospira hardjobovis (Leptospira borgpetersenii* serovar *hardjo-bovis)*
* *Leptospira icterohaemorrhagiae (Leptospira interrogans* serovar *Icterohaemorrhagiae)*
* *Leptospira pomona (Leptospira interrogans* serovar *Pomona)*
* *Leptospirillum* spp*.*
* *Listeria* spp*.*
* *Magnetospirillum* spp*. (formerly Aquaspirillum* spp*.)*
* *Metapneumovirus hominis* (Human metapneumovirus)
* *Metarhizium acridum*
* *Metarhizium anisopliae* var*. anisopliae*
* *Methanococcus* spp*.*
* *Microtetraspora viridis*
* *Moraxella spp. (*includes subgen. *Branhamella* and subgen. *Moraxella) (*excluding *M. anatipestifer)*
* *Morganella spp.*
* Murine cytomegalovirus (MCMV)
* Murine leukaemia virus
* *Mycobacterium* spp*.* (excluding *M. bovis, M. caprae* and *M. tuberculosis* complex)
* *Mycoplasma pneumoniae*
* *Nannochloropsis* spp*.*
* *Neisseria* spp*.*
* *Nocardia calcarea*
* *Ochrobactrum anthropi*
* *Paenarthrobacter* spp*.*
* *Paenibacillus alvei*
* *Paenibacillus brasilensis*
* Parainfluenza virus (human)
* *Pediococcus* spp*.*
* *Penicillium chrysogenum*
* *Penicillium oxalicum*
* *Penicillium velutinum*
* *Pleomorphomonas oryzae*
* *Porphyromonas* spp*.*
* *Proteus* spp*.*
* *Providencia* spp*.*
* *Pseudomonas acidovorans*
* *Pseudomonas aeruginosa*
* *Pseudomonas antarctica*
* *Pseudomonas citronellolis*
* *Pseudomonas convexa*
* *Pseudomonas eisenbergii*
* *Pseudomonas fluorescens (*excluding biovar *II)*
* *Pseudomonas geniculata*

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* *Pseudomonas incognita*
* *Pseudomonas monteilii*
* *Pseudomonas ovalis*
* *Pseudomonas putida*
* *Pseudomonas rugosa*
* *Pseudomonas striata*
* *Rhizobium meliloti*
* *Rhodobacter* spp*.*
* *Rhodococcus aetherivorans*
* *Rhodococcus cercidiphyli*
* *Rhodococcus corynebacteroides*
* *Rhodococcus equi*
* *Rhodococcus erythropolis*
* *Rhodococcus fascians*
* *Rhodococcus globerulus*
* *Rhodococcus kyotonensis*
* *Rhodococcus marinonascens*
* *Rhodococcus opacus*
* *Rhodococcus phenolicus*
* *Rhodococcus ruber*
* *Rhodococcus wratislaviensis*
* *Rhodococcus yunnanensis*
* *Rhodococcus zopfii*
* *Roseomonas* spp*.*

i Culturing of infectious HIV must be conducted in a Physical Containment level 3 (PC3) or higher. The facility must use PC3 work practices as recommended under the Australian/New Zealand Standard Safety in laboratories Part 3: Microbiological safety and containment (AS/NZS 2243.3:2022).

* Rubella virus · *Stenotrophomonas* spp.
* *Rubrivivax* spp*.* · *Streptococcus* spp*.*
* *Saccharopolyspora spinosa* · *Streptomyces rectiverticillatus*
* *Saccharopolyspora* spp*.* · *Streptoverticillium rectiverticillatum*
* *Salmonella Adelaide (Salmonella enterica* · *Suillus granulatus*

subsp*. enterica* serovar *Adelaide)* · *Sulfobacillus* spp*.*

* *Salmonella Agona (Salmonella enterica* · *Sulfolobus* spp*.*

subsp*. enterica* serovar *Agona)* · *Sulfurisphaera* spp*.*

* *Salmonella Derby (Salmonella enterica* · *Tetrahymena* spp*.*

subsp*. enterica* serovar *Derby)* · *Thermus* spp*.*

* *Salmonella Salford (Salmonella enterica* · *Thiobacillus* spp*.*

subsp*. enterica* serovar *Salford)* · *Toxoplasma* spp*.*

* *Salmonella Senftenberg (Salmonella* · *Tritirachium shiotae*

*enterica* subsp*. enterica* serovar *Senftenberg)* · *Tritirachium shiotae*

* *Scutellospora dipurpurescens* · *Vaccinia* virus
* *Serratia* spp*.* · *Vibrio alginolyticus*
* *Shewanella* spp*. (*excluding *Shewanella* · *Vibrio cholerae*

*marisflavi)* · *Vibrio parahaemolyticus* (excluding

|  |  |  |
| --- | --- | --- |
| · | *Shigella* spp*.* | VPAHPND strains with plasmid coding for Pir |
| ·  | Sindbis virus | toxin homologues) |
| · | *Sinorhizobium adhaerens* | · | *Vibrio vulnificus* (excluding biovar II) |
| · | *Sinorhizobium meliloti* | · | *Wolinella succinogens* |
| · | *Sporosarcina pasteurii* | · | *Xanthobacter* spp*.* |
| · | *Staphylococcus* spp*.* | · | *Yersinia enterocolitica* |

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