

MDH/MLS Challenge Set Organism List 2023

Acid-fast bacilli, NOS
Possible acid-fast bacilli, NOS
Acinetobacter sp.
Acinetobacter baumannii
Acinetobacter calcoaceticus/baumannii complex
Acinetobacter lwoffii
Actinobacillus sp.
Actinomyces sp.
Aerococcus sp.
Aeromonas sp.
Aggregatibacter aphrophilus
Alcaligenes sp.
Alcaligenes faecalis
Arcanobacterium sp.
Arcanobacterium haemolyticum
Arcanobacterium pluranimalium
Arcobacter sp.
Bacillus sp.
Bacillus sp., not *B. anthracis*
Bacillus anthracis
Possible *Bacillus anthracis*
Bacillus cereus
Bacillus megaterium
Bacillus mycoides
Bordetella bronchiseptica
Bordetella holmesii
Bordetella parapertussis
Bordetella pertussis
Possible *Brucella* sp.
Brucella sp.
Brucella abortus
Brucella canis
Brucella melitensis
Brucella ovis
Brucella suis
Burkholderia sp.
Burkholderia cepacia
Burkholderia mallei
Possible *B. mallei*
Burkholderia pseudomallei
Possible *B. pseudomallei*
Burkholderia thailandensis
Candida albicans
Candida auris
Candida catenulata
Candida duobushaemulonii
Candida famata
Candida glabrata
Candida guilliermondii
Candida haemulonii
Candida lusitanae
Candida parapsilosis
Candida sake
Candida tropicalis
Candida spp.
Candida sp. not *C. albicans*
Campylobacter sp.
Possible *Campylobacter* sp.
Campylobacter coli
Campylobacter jejuni
Campylobacter upsaliensis
Capnocytophaga sp.
Capnocytophaga canimorsus
Cardiobacterium sp.
Chromobacterium violaceum
Citrobacter freundii
Citrobacter koseri
Clostridium sp.
Corynebacterium sp.
Corynebacterium confusum
Possible *Corynebacterium diphtheriae*
Corynebacterium diphtheriae
Corynebacterium imitans
Corynebacterium jeikeium
Corynebacterium sp. not *C. jeikeium*
Corynebacterium minutissimum
Corynebacterium simulans
Cronobacter sakazakii
Diphtheroid bacillus, NOS
Edwardsiella sp.
Eikenella corrodens
Enterobacter sp.
Enterobacter cloacae
Enterobacter cloacae complex
Enterococcus sp.
Enterococcus sp., vancomycin resistant (VRE)
Enterococcus casseliflavus
Enterococcus faecalis
Enterococcus faecium
Enterococcus gallinarum
Erwinia sp.
Erysipelothrix sp.
Erysipelothrix tonsillarum
Erysipelothrix rhusiopathiae

Escherichia albertii
Escherichia coli
Possible *E. coli* O157
Escherichia coli O157
Possible *E. coli* O157:H7
Escherichia coli O157:H7
Shiga toxin-producing *Escherichia coli* (STEC)
Shiga toxin-producing *Escherichia coli* (STEC), not
O157
E. coli, sorbitol negative
Eubacterium sp.
Filamentous fungus, NOS
Flavobacterium sp.
Possible *Francisella tularensis*
Francisella sp.
Francisella novicida
Francisella philomiragia
Francisella tularensis
Gram-negative bacilli, NOS
Gram-negative coccobacilli, NOS
Gram-negative bacilli, oxidase negative
Gram-negative bacilli, oxidase positive
Gram-positive bacilli, NOS
Gram-positive cocci, NOS
Gram-positive, spore forming bacillus, NOS
Possible *Haemophilus* sp.
Haemophilus sp.
Haemophilus ducreyi
Haemophilus influenzae
Haemophilus parahaemolyticus
Haemophilus parainfluenzae
Hafnia sp.
Hafnia alvei
Helicobacter sp.
Helicobacter pylori
Kingella sp.
Kingella denitrificans
Kingella kingae
Kingella oralis
Klebsiella sp.
Klebsiella aerogenes
Klebsiella variicola
Klebsiella oxytoca
Klebsiella pneumoniae
Lactobacillus sp.
Lactobacillus acidophilus
Lactococcus sp.
Legionella sp.
Legionella sp., not *L. pneumophila*
Legionella pneumophila
Leuconostoc sp.
Listeria sp.
Listeria monocytogenes

Mixed Flora, no predominating organism
Moraxella sp.
Moraxella catarrhalis
Morganella morganii
Micrococcus sp.
Mycobacterium sp.
Mycobacterium other than *M. tuberculosis* complex
Neisseria sp.
Neisseria sp., not *N. meningitidis*
Neisseria gonorrhoeae
Neisseria meningitidis
Nocardia sp.
Nocardia asteroides
Nocardia asteroides complex
Nocardia brasiliensis
No growth
No enteric pathogens
No *Salmonella*, *Shigella*, *Campylobacter*, *E.coli* O157
isolated
No *Salmonella*, *Shigella*, *Campylobacter* isolated
No *Shigella*, *Campylobacter*, *E.coli* O157 isolated
No *Salmonella*, *Campylobacter*, *E. coli* O157 isolated
No *Salmonella*, *Shigella*, *E.coli* O157 isolated
Normal flora, no pathogens
Non-fermenting gram-negative bacilli
Oligella sp.
Oligella ureolytica
Oligella urethralis
Pantoea sp.
Pantoea agglomerans
Pasteurella sp.
Pasteurella multocida
Pediococcus sp.
Plesiomonas sp.
Plesiomonas shigelloides
Proteus sp.
Proteus mirabilis
Proteus penneri
Proteus vulgaris
Providencia sp.
Providencia stuartii
Pseudomonas sp.
Pseudomonas aeruginosa
Pseudomonas fluorescens/putida
Pseudomonas luteola
Pseudomonas stutzeri
Psychrobacter phenylpyruvicus
Raoultella sp.
Raoultella ornithinolytica
Rhodococcus sp.
Salmonella sp.
Salmonella Group B
Salmonella Group D

Salmonella sp. Not Typhi
Salmonella sp. Not Paratyphi
Salmonella Enteritidis
Salmonella Typhi
Salmonella Paratyphi
Salmonella Typhimurium
Serratia sp.
Serratia liquefaciens
Serratia marcescens
Shigella sp.
Shigella boydii (Group C)
Shigella dysenteriae (Group A)
Shigella flexneri (Group B)
Shigella sonnei (Group D)
Staphylococcus sp.
Staphylococcus aureus
Staphylococcus aureus, methicillin resistant (MRSA)
Staphylococcus aureus, vancomycin intermediate (VISA)
Staphylococcus aureus, vancomycin resistant (VRSA)
Staphylococcus auricularis
Staphylococcus epidermidis
Staphylococcus coagulase negative
Staphylococcus coagulase positive
Staphylococcus lugdunensis
Staphylococcus pseudintermedius
Staphylococcus saprophyticus
Staphylococcus schleiferi
Stenotrophomonas maltophilia
Streptobacillus moniliformus
Streptococcus, alpha hemolytic
Streptococcus anginosus
Streptococcus, beta hemolytic
Streptococcus, beta hemolytic, untypeable
Streptococcus, Group A
Streptococcus, beta hemolytic, not Group A
Streptococcus, Group B
Streptococcus, not Group B
Streptococcus, beta hemolytic, not Group A or B
Streptococcus, Group C
Streptococcus, Group D
Streptococcus, Group F
Streptococcus, Group G
Streptococcus agalactiae
Streptococcus constellatus
Streptococcus dysgalactiae subsp. *dysgalactiae*
Streptococcus dysgalactiae subsp. *equisimilis* (SDSE)
Streptococcus intermedius
Streptococcus pneumoniae
Streptococcus porcinus
Streptococcus pseudoporcinus
Streptococcus pyogenes
Streptococcus "milleri" group

Streptococcus viridans group
Streptomyces sp.
Suttonella indologenes
Vibrio sp.
Vibrio cholerae
Vibrio parahaemolyticus
Vibrio vulnificus
Yeast NOS
Yeast, not *Cryptococcus* sp.
Yersinia sp.
Yersinia sp., not *Y. pestis*
Possible *Yersinia pestis*
Yersinia enterocolitica
Yersinia pestis
Yersinia pseudotuberculosis