

## MDH/MLS Challenge Set Organism List 2024

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*  
*Paraburkholderia fungorum*  
*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 moniliformis*  
*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*