

## OLAC Environmental Testing Program for Rodents

Effective Date: 01/01/2024

Panels are run *every 4 months* to screen for pathogens within our mouse housing areas. Here is a list of those agents screened three times yearly:

- [Epizootic diarrhea of infant mice virus \(MRV, EDIM\)](#)
- [Helicobacter genus](#)
- [Mites screening](#)
  - Detects Myobia musculi, Radfordia affinis, Radfordia ensifera and Myocoptes musculus
- [Mouse Adenovirus \(MAdV-1, MAdV-2\)](#)
- [Murine Chapparvovirus \(MuCPV\)](#)
- [Mouse hepatitis virus \(MHV\)](#)
- [Murine Norovirus \(MNV\)](#)
- [Mouse Parvovirus \(Type 1 & 2\)](#)
- [Pinworm Screening](#)
  - Detects Syphacia obvelata, Syphacia muris(rat), Aspiculuris tetraptera
- [Rodentibacter species \(R. heyltii, R. pneumotropicus\)](#)

An **extended** screening panel is run *once per year*. Here is the additional list of pathogens screened once yearly:

- [Beta-Haemolytic Streptococci \(BHS - Group B, C, G\)](#)
- [Bordetella bronchiseptica](#)
- [Bordetella pseudohinzii](#)
- [Chlamydia muridarum](#)
- [Corynebacterium bovis](#)
- [Citrobacter rodentium](#)
- [Intestinal Protozoa \(Chilomastix muris, Cryptosporidium spp., Entamoeba spp, Giardia spp, Hexamastix muris, Spironucleus muris, Tritrichomonas genus\)](#)
- [Klebsiella species \(K. oxytoca, K. pneumoniae\)](#)
- [Lymphocytic choriomeningitis virus \(LCMV\)](#)
- [Lactate Dehydrogenase Elevating Virus \(LDV,LDHV\)](#)
- [Mouse Parvovirus \(MVM, NS1\)](#)
- [Mouse adenovirus \(FL & K87\)](#)
- [Mouse cytomegalovirus \(MCMV\)](#)
- [Mouse Thymic Virus \(MTV, MTLV\)](#)
- [Mycoplasma pulmonis](#)
- [Pseudomonas aeruginosa](#)
- [Pneumocystis](#)
- [Reovirus \(REO-3\)](#)
- [Staphylococcus aureus](#)

- [Streptococcus pneumoniae](#)
- [Theiler's murine encephalomyelitis virus \(TMEV\)](#)

Please click on the links to learn more about those agents that are screened for. For more information on the Charles River PathogenBinder® tool, click [here](#).