Imaging ACRF
Health Policy for Externally Sourced Rodents

Unrestricted Suppliers.
ARC (WA)
WEHI (Kew, Bundoora)
IMVS (SA)
Adelaide University (SA)
TASq (rederived animals)
Jackson Laboratory (Int) After release from importing quarantine facility
Charles River (Int) After release from importing quarantine facility
Taconic (Int) After release from importing quarantine facility

All other facilities will be assessed by current and historical health reports
Current: in the previous 3 months
Historical: over the previous 12 months

General

Health Monitoring Animals
Health testing regimes may include Sentinel mice or using the statistical sampling method (Lab Animal Vol 30, no 10) in individually ventilated cages. Sentinel testing requires deliberate contamination by placing dirty bedding and nesting materials into their cages for no less than 45 days.
NB: This method is not effective for all organisms of interest. Program should also include direct contact transmission.

Health reports must include results for the following common infections in the previous 12 months:

MOUSE
Serology
Mouse hepatitis virus
Rotavirus
Mouse Parvovirus
Minute virus of mice
Theilers’ murine encephalitis virus
Pneumonia virus of mice
Mycoplama pulmonis

Parasitology
Ectoparasites
Endoparasites – Helminths, pinworms/tapeworms
Protozoa

Bacteriology
Salmonella
Corynebacterium kutscheri
Bordetella bronchiseptica
Pseudomonas spp
*Helicobacter spp,
*Pasteurella pneumotropica
*Proteus
*Staphylococcus aureus
Streptococcus pneumonia (alpha haem)
Streptococcus spp (beta Haem)
Klebsiella oxytoca
Klebsiella pneumoniae

*Helicobacter spp, Pasteurella pneumotropica, Proteus, Staphylococcus and Murine norovirus may be tolerated in the BRF Experimental Facility and must be assessed for approval by the Manager. For all other diseases not represented on the list will be at the Managers and Management Committee’s discretion.
Diagnosis of Helicobacter spp needs to be done by PCR.

RATS
Serology
Parvovirus
Rat corona virus/Sialodacryoadenitis
Pneumonia virus of mice
Sendai virus
Theilers’ murine encephalitis virus
Lymphocytic choriomeningitis virus
Reovirus Type 3
Mycoplasma pulmonis

Bacteria
Streptobacillus moniliformis
Corynebacterium kutscheri
Bordetella bronchiseptica
Pseudomonas spp
*Helicobacter spp,
*Pasteurella pneumotropica
*Proteus
*Staphylococcus aureus
Streptococcus pneumonia (alpha haem)
Streptococcus spp (beta Haem)
Klebsiella pneumoniae

Parasites
Ectoparasites
Endoparasites – Helminths pinworms/tapeworms and pathogenic gut protozoa i.e. Klebsiella & Citrobacter rodentium

*Helicobacter spp, Pasteurella pneumotropica, Proteus, Staphylococcus and Murine norovirus may be tolerated in the BRF Experimental Facility and must be assessed for approval by the Manager. For all other diseases not represented on the list will be at the Managers and Management Committee’s discretion.
Diagnosis of Helicobacter spp must be via PCR.

**Health reports must include results for the following common infections in the previous 3 months:**

**Mice:**
Mouse hepatitis virus (MHV)
Rotavirus (EDIM)
Minute virus of mice (MVM)
Parvovirus (MPV)
Norovirus (MNV)

**Rats:**
Rat coronaviruses (RCV/SDAV)
Parvovirus (PARV)
Pneumonia virus of mice (and rats) (PVM)
Mycoplasma pulmonis (PULM)

**REVIEW**
The BioResources Manager may request further supporting documentation or additional disease investigation and analysis if results are ambiguous, prior to transfer into the Austin BioResource Facility.

Bioresource Manager in consultation with the Operations Committee will review this document annually.
REFERENCES


