



Your research requires confidence in genetically defined laboratory rats and mice with secure pathogen-free health profiles. As animal vendors we are raising the bar through our extensive health monitoring system.

The International Health Monitoring System (IHMS™) system exceeds the vast majority of current programs at commercial or academic facilities.

RF™ animals harbor a wide variety of commensal microorganisms in their flora but the animals and their environment are intensively monitored to detect the possible presence of specified unacceptable bacteria that can be pathogenic in immunocompromised rodents. Taconic augments the routine IHMS™ health testing of Restricted Flora colonies with monthly microbiological testing in our Quality Control Laboratory. This has an increased likelihood of identifying opportunistic agents that may have gained access to the barrier sooner than standard testing procedures. The animals are maintained in Barrier Units (IBUs, MBUs, BBUs or EBUs) utilizing special husbandry and gowning procedures to protect the animals from opportunistic organisms which may be carried by human technicians. A complete list of tolerated/not tolerated organisms can be found on the back of this piece.

RF™ animal models that are commercially available include the majority of our spontaneous mutant immunodeficient models, such as the NCRNU mice, CB17SC mice, ICRSC mice and NIHHRNU rats. Historically most of Taconic's traditional inbred, hybrid and outbred mice and rats have been raised at the less restrictive Murine Pathogen Free™ health status. **Taconic is increasing its numbers of traditional animals such as B6 mice, SW mice and SD rats at the Restricted Flora™ Health status.** Please visit the Taconic website for the most current list of RF™ animals available plus Health Standards for all commercially available animal models.

In the event of a positively identified intolerated organism in any production unit, Taconic continues to adhere to the philosophy of rapid notification of all customers that have been directly impacted.



Restricted Flora™ | Animal Health Standards

Taconic Health Standards™	Restricted Flora™ (RF™)	Species Tested	# of Tests Per Quarter	Test Method	Test Laboratory
Microorganisms	Accepted in this health standard?				
Commensal Microflora					
Altered Schaedler Flora	Yes	Mice, Rats	NA	NA	NA
Dimorphic Yeast	Yes	Mice, Rats	NA	NA	NA
Mold	Yes	Mice, Rats	NA	NA	NA
Aerobic spore forming bacteria	Yes	Mice, Rats	NA	NA	NA
Anaerobic spore forming bacteria	Yes	Mice, Rats	NA	NA	NA
Non-spore forming rod bacteria	Yes	Mice, Rats	NA	NA	NA
Cocci bacteria	Yes	Mice, Rats	NA	NA	NA
Viruses					
Mouse Hepatitis Virus (MHV)	No	Mice	6	ELISA	Taconic Rockville
Mouse Minute [parvo] Virus (MMV)	No	Mice	6	ELISA	Taconic Rockville
Mouse Parvovirus (MPV)	No	Mice	6	ELISA	Taconic Rockville
Mouse Rotavirus (EDIM)	No	Mice	6	ELISA	Taconic Rockville
Kilham's Rat Virus (KRV)	No	Rats	6	ELISA	Taconic Rockville
Rat Coronavirus (RCV)	No	Rats	6	ELISA	Taconic Rockville
Rat Minute Virus (RMV)	No	Rats	6	ELISA	Taconic Rockville
Rat Parvovirus (RPV)	No	Rats	6	ELISA	Taconic Rockville
Sialodacryoadenitis Virus (SDAV)	No	Rats	6	ELISA	Taconic Rockville
Toolan's H-1 Parvovirus (TH1)	No	Rats	6	ELISA	Taconic Rockville
Encephalomyelitis Virus (GD7)	No	Mice, Rats	2	ELISA	Taconic Rockville
Pneumonia Virus of Mice (PVM)	No	Mice, Rats	2	ELISA	Taconic Rockville
Sendai Virus (SEN)	No	Mice, Rats	2	ELISA	Taconic Rockville
Lymphocytic Choriomeningitis Virus (LCM)	No	Mice	1	ELISA	Taconic Rockville
Murine Norovirus (MNV)	No	Mice	1	MFI	RADIL
Ectromelia Virus (ECTR)	No	Mice	Bi-yearly	ELISA	
Hantaan Virus (HAN)	No	Mice, Rats	Bi-yearly	ELISA	Taconic Rockville
Mouse Adenovirus (FL) (MAV1)	No	Mice	Bi-yearly	ELISA	Taconic Rockville
Mouse Adenovirus (K87) (MAV2)	No	Mice, Rats	Bi-yearly	ELISA	Taconic Rockville
Mouse Cytomegalovirus (MCMV)	No	Mice	Bi-yearly	ELISA	Taconic Rockville
Respiratory Enteric Virus III (REO3)	No	Mice, Rats	Bi-yearly	ELISA	Taconic Rockville
K Virus (KV)	No	Mice	Yearly	ELISA	Taconic Rockville
Lactic Dehydrogenase Elevating Virus (LDHV)	No	Mice	Yearly	CHEM	Taconic Rockville
Polyoma Virus (POLY)	No	Mice	Yearly	ELISA	Taconic Rockville
Thymic Virus (THY)	No	Mice	Yearly	IFA	Taconic Rockville
Bacteria, mycoplasma, fungi					
β Hemolytic Streptococcus	No ¹	Mice, Rats	5	CULT	Taconic Rockville/Internal QC Lab
Bordetella bronchiseptica	No	Mice, Rats	2	CULT	Taconic Rockville
Citrobacter rodentium	No	Mice	2	CULT	Taconic Rockville
Clostridium piliforme	No	Mice, Rats	2	ELISA	Taconic Rockville
Corynebacterium kutscheri	No	Mice, Rats	2	CULT	Taconic Rockville
Klebsiella oxytoca	No ¹	Mice, Rats	5	CULT	Taconic Rockville/Internal QC Lab
Klebsiella pneumoniae	No ¹	Mice, Rats	5	CULT	Taconic Rockville/Internal QC Lab
Mycoplasma sp.	No	Mice, Rats	2	ELISA	Taconic Rockville
Pasteurella pneumotropica	No	Mice, Rats	2	CULT	Taconic Rockville
Pseudomonas aeruginosa	No ¹	Mice, Rats	5	CULT	Taconic Rockville/Internal QC Lab
Salmonella sp.	No	Mice, Rats	2	CULT	Taconic Rockville
Staphylococcus aureus	No ¹	Mice, Rats	5	CULT	Taconic Rockville/Internal QC Lab
Streptobacillus moniliformis	No	Mice, Rats	2	PCR	Taconic Rockville
Streptococcus pneumoniae	No	Mice, Rats	2	CULT	Taconic Rockville
Cilia Associated Respiratory Bacillus (CARB)	No	Mice, Rats	1	ELISA	Taconic Rockville
Corynebacterium bovis	No ²	Mice, Rats	1	CULT	Taconic Rockville
Helicobacter hepaticus & H. bilis	No	Mice, Rats	1	PCR	Taconic Rockville
Other Pasteurella sp.	Yes	Mice, Rats	2	CULT	Taconic Rockville
Pneumocystis carinii	No	Rat	Bi-yearly	PCR	Taconic Rockville
Pneumocystis murina	No	Mice	Bi-yearly	PCR	Taconic Rockville
Parasites					
Aspiculuris sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Eimeria sp.	No	Mice, Rats	2	FLOT	Taconic Rockville
Entamoeba muris	No	Mice, Rats	2	MICR	Taconic Rockville
Giardia muris	No	Mice, Rats	2	MICR	Taconic Rockville
Hymenolepis sp.	No	Mice, Rats	2	FLOT	Taconic Rockville
Liponyssus sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Myobia sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Myocoptes sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Notoedres sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Polyplax sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Psorergates sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Radfordia sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Rodentolepis sp.	No	Mice, Rats	2	FLOT	Taconic Rockville
Spironucleus sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Syphacia sp.	No	Mice, Rats	2	MICR	Taconic Rockville
Trichomonads	No	Mice, Rats	2	MICR	Taconic Rockville
Trichosomoides crassicauda	No	Rats	2	MICR	Taconic Rockville
Klossiella muris	No	Mice, Rats	1	HIST	Taconic Rockville
Encephalitozoon cuniculi	No	Mice, Rats	Yearly	ELISA	Taconic Rockville

¹ If detected, this organism will be eliminated from the Barrier Unit via a Test and Cull procedure or recycling of the colony.
² Only applies to immunodeficient mice and rats carrying the nude or scid mutation.

IHMS, International Health Monitoring System, RF, Restricted Flora and Taconic Health Standard(s) are trademarks of Taconic. © Copyright 2004, Taconic Farms, Inc.