

SPECIFIC PATHOGEN FREE (SPF) LIST FOR RAT/MICE

Agent	Syndrome	Detection
Sendai virus	pneumonitis	Serology (ELISA)
Mouse adenovirus	clinically inapparent	Serology (ELISA)
K virus	clinically inapparent	Serology (ELISA)
Pneumonia virus of mice	clinically inapparent	Serology (ELISA)
<i>Citrobacter freundii</i>	enteritis	Culture of cecal contents
Mouse parvoviruses (MVM, OPV)	clinically inapparent	Serology (ELISA)
LDH elevating virus	elevated LDH	serum enzyme assay
Mousepox (ectromelia)	mouse pox	Serology (ELISA)
Mouse cytomegalovirus	clinically inapparent	Serology (ELISA)
Mouse rotavirus	enteritis in newborns	Serology (ELISA)
Mouse hepatitis virus	hepatitis, enteritis	Serology (ELISA)
Mouse polyoma virus	clinically inapparent	Serology (ELISA)
Rat coronavirus	sialoadenitis, dacryoadenitis	Serology (ELISA)
Rat rotavirus	enteritis in newborns	Serology (ELISA)
Reovirus 3	clinically inapparent	Serology (ELISA)
Rat parvoviruses (H1, KRV, OPV)	clinically inapparent	Serology (ELISA)
Rat cytomegalovirus	clinically inapparent	Serology (ELISA)
<i>Myobia musculi</i>	fur mite	Direct exam of pelage
<i>Mycoplasma pulmonis</i>	pneumonia, other	Serology (ELISA)
CAR bacillus	pneumonia	Serology (ELISA)
<i>Clostridium piliforme</i>	Tyzzor's disease	Serology (ELISA)
<i>Corynebacterium kutscheri</i>	pneumonia	Nasopharyngeal culture
<i>Pasteurella pneumotropica</i>	opportunistic	Nasopharyngeal culture
<i>Streptococcus pneumoniae</i>	opportunistic	Nasopharyngeal culture
<i>Streptococcus</i> sp.	opportunistic	Nasopharyngeal culture
<i>Bordetella bronchiseptica</i>	opportunistic	Nasopharyngeal culture
<i>Klebsiella pneumoniae</i>	opportunistic	Culture of cecal contents/feces
<i>Pseudomonas aeruginosa</i>	opportunistic	Culture of cecal contents/feces
<i>Hymenolepis diminuta</i>	enteric helminths	Direct exam of small intestine/feces
<i>Aspicularis tetraptera</i>	enteric helminths	Direct exam of proximal colon/feces
<i>Syphacia obvelata</i>	enteric helminths	Direct exam of cecum/feces
<i>Pneumocystis carinii</i>	immunodeficient rodents	Lung histology; silver stain
<i>Spironucleus muris</i>	enteritis	Exam wet mount cecal contents/feces
Entamoeba muris	enteritis	Exam wet mount cecal contents/feces

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(CONTINUED)

Agent	Syndrome	Detection
<i>Tritrichomonas muris</i>	inapparent	Exam wet mount cecal content/feces
<i>Encephalitozoon cuniculi</i>	nephritis or inapparent	Serology (ELISA)
<i>Trichosomoides crassicaudata</i>	urinary tract helminth	Urinary bladder histology
<i>Syphacia muris</i>	enteric helminths	Direct exam of cecum/feces
<i>Capillaria muris</i>	enteric helminths	Direct exam of small intestine/feces
<i>Trichuris muris</i>	enteric helminths	Direct exam of small intestine/feces
<i>Radfordia ensifera</i>	fur mite	Direct exam of pelage
<i>Radfordia affinis</i>	fur mite	Direct exam of pelage
<i>Myocoptes musculinus</i>	fur mite	Direct exam of pelage
<i>Psorergates simplex</i>	burrowing mite	Direct exam; skin histology of lesions

SPECIFIC PATHOGEN FREE (SPF) LIST FOR *Xenopus laevis*

Agent	Syndrome	Detection
<i>Aeromonas hydrophila</i>	Septicemic syndrome	Culture of lesions or water sample
<i>Alaria</i> sp.	Monogenetic trematodes	Fecal floatation in 10% sucrose solution; Histopathology of representative animals

SPECIFIC PATHOGEN FREE (SPF) LIST
(NASA REQUESTED FOR
UNIQUE BASIS)

Agent	Syndrome	Detection
<i>Staphylococcus aureus</i>	opportunistic	Nasopharyngel culture
<i>Klebsiella oxytoca</i>	opportunistic	Culture of cecal contents/feces