Health Monitoring Report

Latest Monthly Update: 28JUL2020

Location: Livermore, CA	239-Hsd:Athymic Nude-*Foxn1* ^{nu}			Species: Mouse	
Viruses[f]	**Most Recent Test Date**	**Most Recent Results**[a]	**Historical Results**[a,e]	**Test Frequency**[d]	**Test Method**
Ectromelia Virus	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Hantaan Virus	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
K Virus	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Lactic Dehydrogenase Elevating Virus (LDEV)	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Lymphocytic Choriomeningitis Virus (LCM)	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Minute Virus of Mice (MVM)	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Mouse Adenovirus type 1 (FL)(MAD-1)	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Mouse Adenovirus type 2 (K87)(MAD-2)	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Mouse Cytomegalovirus (MCMV)	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Mouse Hepatitis Virus (MHV)	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Mouse Parvovirus (MPV)	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Mouse Polyoma Virus	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Mouse Rotavirus (EDIM)	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Mouse Thymic Virus (MTV)	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Murine Norovirus (MNV)	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Pneumonia Virus of Mice (PVM)	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Respiratory Enteric Virus III (REO 3)	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Sendai Virus	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Theiler's Murine Encephalomyelitis Virus (TMEV, GD7)	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Bacteria, Mycoplasma and Fungi					
Bordetella bronchiseptica	28JUL20	0 / 12	0 / 90	Quarterly	RT-PCR
CAR Bacillus	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Citrobacter rodentium	28JUL20	0 / 12	0 / 138	Quarterly	Culture
Clostridium piliforme	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Corynebacterium bovis[i]	28JUL20	0 / 6	0 / 72	Quarterly	RT-PCR
Corynebacterium kutscheri	28JUL20	0 / 12	0 / 138	Quarterly	Culture
Dermatophytes	23APR20	0 / 12	0 / 84	Quarterly	Culture
Helicobacter bilis	28JUL20	0 / 12	0 / 138	Quarterly	RT-PCR
Helicobacter hepaticus	28JUL20	0 / 12	0 / 138	Quarterly	RT-PCR
Helicobacter spp	28JUL20	0 / 12	0 / 138	Quarterly	RT-PCR
Klebsiella oxytoca	28JUL20	0 / 12	0 / 138	Quarterly	Culture
Klebsiella pneumoniae	28JUL20	0 / 12	0 / 138	Quarterly	Culture
Mycoplasma pulmonis	28JUL20	0 / 6	0 / 78	Quarterly	RT-PCR
Pasteurella multocida	28JUL20	0 / 12	0 / 90	Quarterly	RT-PCR
Pasteurella pneumotropica	28JUL20	0 / 12	0 / 138	Quarterly	RT-PCR
Pneumocystis murina	28JUL20	0 / 6	0 / 120	Quarterly	RT-PCR
Proteus mirabilis	28JUL20	0 / 12	0 / 90	Quarterly	Culture
Pseudomonas aeruginosa	28JUL20	0 / 12	0 / 233	Quarterly	Culture
Salmonella spp	28JUL20	0 / 12	0 / 138	Quarterly	Culture
Staphylococcus aureus	28JUL20	0 / 12	0 / 138	Quarterly	Culture
Streptobacillus moniliformis	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Streptococcus spp Group B Beta	28JUL20	0 / 12	0 / 138	Quarterly	Culture
Streptococcus pneumoniae	28JUL20	0 / 12	0 / 138	Quarterly	RT-PCR
Parasites					
Ectoparasites	28JUL20	0 / 12	0 / 138	Quarterly	RT-PCR
Endoparasites	28JUL20	0 / 12	0 / 138	Quarterly	RT-PCR
Enteric Protozoan	28JUL20	0 / 12	0 / 138	Quarterly	RT-PCR
Encephalitozoon cuniculi	28JUL20	0 / 6	0 / 18	Annually	RT-PCR
Pathological Lesions					
Gross Exam	23APR20	0 / 24	0 / 239	Quarterly	Pathology

Testing Laboratory: ENVIGO RMS Srl
Report Released: 07AUG2020
Date Isolator Populated: Varies by Isolator
Species Within Isolators: Mouse
Report Notes:

Mutant
Hsd:Athymic Nude-*Foxn1* ^{nu}

a Data are expressed as number animals positive/number tested.
b Data are expressed as number isolators positive/isolators tested. If a single animal tests positive within the isolator, the isolator is considered positive.
d Testing intervals are reported per isolator.
e Historical results include 18 months cumulative data.
f Serology is completed on immune competent sentinel mice.
i Hyperkeratosis Associated Corynebacterium

Paul E. Knepley, DVM
Attending Veterinarian, Envigo RMS North America