

Health Monitoring Report

Latest Monthly Update: 25OCT2022



| Location: Livermore, CA | 239-Hsd:SD-Ace2 ^{em1(ACE2)Env} | | | Species: Rat | |
|--|---|--|--|-----------------------------------|--------------------|
| Viruses^f | Most Recent Test Date | Most Recent Results^a | Historical Results^{a,e*} | Test Frequency^d | Test Method |
| Hantaan Virus | 25OCT22 | 0 / 1 | 0 / 1 | Annually | ELISA |
| Kilham's Rat Virus (KRV) | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Lymphocytic Choriomeningitis Virus (LCM) | 25OCT22 | 0 / 1 | 0 / 1 | Annually | ELISA |
| Mouse Adenovirus type 1 (FL)(MAD-1) | 25OCT22 | 0 / 1 | 0 / 1 | Annually | ELISA |
| Mouse Adenovirus type 2 (K87)(MAD-2) | 25OCT22 | 0 / 1 | 0 / 1 | Annually | ELISA |
| Pneumonia Virus of Mice (PVM) | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Rat Minute Virus (RMV) | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Rat Parvovirus (RPV) | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Rat Theiler Virus (RTV) | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Respiratory Enteric Virus III (REO 3) | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Sendai Virus | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Sialodacryoadenitis Virus (SDAV)(RCV) | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Toolan's H-1 Parvovirus | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| Bacteria, Mycoplasma and Fungi | | | | | |
| <i>Bordetella bronchiseptica</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| <i>CAR Bacillus</i> | 25OCT22 | 0 / 1 | 0 / 1 | Annually | ELISA |
| <i>Clostridium piliforme</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| <i>Corynebacterium kutscheri</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | Culture |
| <i>Helicobacter bilis</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| <i>Helicobacter hepaticus</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| <i>Helicobacter</i> spp | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| <i>Klebsiella oxytoca</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | Culture |
| <i>Klebsiella pneumoniae</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | Culture |
| <i>Mycoplasma pulmonis</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | ELISA |
| <i>Pasteurella multocida</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| <i>Pasteurella pneumotropica</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| <i>Pneumocystis carinii</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| <i>Proteus mirabilis</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | Culture |
| <i>Pseudomonas aeruginosa</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | Culture |
| <i>Salmonella</i> spp | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | Culture |
| <i>Staphylococcus aureus</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | Culture |
| <i>Streptobacillus moniliformis</i> | 25OCT22 | 0 / 1 | 0 / 1 | Annually | RT-PCR |
| <i>Streptococcus</i> spp Group B Beta | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | Culture |
| <i>Streptococcus pneumoniae</i> | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| Parasites | | | | | |
| Ectoparasites | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| Endoparasites | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| Enteric Protozoan | 25OCT22 | 0 / 1 | 0 / 1 | Quarterly | RT-PCR |
| <i>Encephalitozoon cuniculi</i> | 25OCT22 | 0 / 1 | 0 / 1 | Annually | ELISA |
| Pathological Lesions | | | | | |
| Gross Exam | 25OCT22 | 0 / NT | 0 / NT | Annually | Pathology |

Testing Laboratory: ENVIGO RMS Srl

Report Released: 28OCT2022

Date Isolator Populated: Varies by Isolator

Species Within Isolators: Rat

Report Notes:

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 cumulative data from isolator inception.

g Serology is completed on immune competent sentinel rats.

Paul E. Knepley, DVM

Attending Veterinarian, Envigo RMS North America