

# EMMA health monitoring procedures

Brief description of housing system, health monitoring programme and health status of the EMMA SPF live colonies

## Type of facility

Animals distributed by EMMA are bred in SPF (Specific Pathogen Free) barriered facilities in which all materials are sterilized before entry. Staff entering the barriered areas must shower and change into clean unit clothing. Where appropriate, staff working within the units is also required to wear, gloves, face masks, mob caps and over shoes.

## Housing system

Animals are maintained in either flexible film isolators or IVCs (Individually Ventilated Cages) or in conventional cages in barriered areas under positive pressure and are given autoclaved bedding, autoclaved or irradiated food and filtered or chlorinated water. Animals reared in IVCs are cage changed under laminar flow hoods.

## Sentinel programme

The health status of each animal room is monitored on a regular basis e.g. 4 times per year when mice are reared in IVCs or monthly when mice are bred in conventional cages in barriered areas. These screening programmes involve exposing sentinel animals to dirty bedding collected from other IVCs within the mouse room. Some colonies e.g. those reared in isolators are sampled directly.

## Health report

Before receiving any mice from EMMA you will be sent a recent (< 3 months old) health report prepared in accordance with the FELASA (Federation of European Laboratory Animal Science) recommendations. This health report will give details of the agents tested, the number of animals tested and the analytical methods used.

The following pages provide a sample health report from the EMMA node that distributes the strain you are interested in. Note that this is a **sample** health report and **not a current report**. Current reports will be provided upon request. Additional specific health checks (beyond tests recommended by FELASA) are possible if required by customers for importation but will be charged to the customer. If you require any further information please contact the archiving/distribution centre handling your request.

## HEALTH MONITORING REPORTS

(species: mouse)

Date of issue: 24-06-2020

Unit No.: S7

Report No.: S7-20-01

LAB ID n°: HS20-01, HS20-02, HS20-03, HS20-04, HS20-05, HS20-06, HS20-92, HS20-93, HS20-94, HS20-95, HS20-96, HS20-97, HS20-98, HS20-99, HS20-100, HS20-101, HS20-102, HS20-103.

	Method	Time	Histor.19	1°Quar.20	2°Quar.20	3°Quar.20	4°Quar.20
<b>Viruses</b>							
Mouse hepatitis virus (MHV)	E	Q	0/16	0/6	0/12		
Mouse rotavirus (EDIM)	E	Q	0/16	0/6	0/12		
Mouse norovirus	E	Q	0/16	0/6	0/12		
Minute virus of mice (MVM)	E	Q	0/16	0/6	0/12		
Mouse parvovirus (NS1)	E	Q	0/16	0/6	0/12		
Theiler's encephalomyelitis virus (GDVII)	E	Q	0/16	0/6	0/12		
Lymphocytic choriomeningitis virus (LCV)	E	A	0/5	0/6	/	/	/
Mouse adenovirus type 1 (FL)	E	A	0/5	0/6	/	/	/
Mouse adenovirus type 2 (K87)	E	A	0/5	0/6	/	/	/
Ectromelia virus	E	A	0/5	0/6	/	/	/
Pneumonia virus of mice (PVM)	E	A	0/5	0/6	/	/	/
Reovirus type3 (REO3)	E	A	0/5	0/6	/	/	/
Sendai virus	E	A	0/5	0/6	/	/	/
<b>Bacteria and mycoplasma</b>							
<i>Helicobacter spp.</i>	PCR	Q	0/16	0/6	0/12		
<i>Pasteurellaceae</i>	C	Q	0/16	0/6	0/12		
<i>Streptococci β-hemolytic</i>	C	Q	0/16	0/6	0/12		
<i>Streptococcus pneumoniae</i>	C	Q	0/16	0/6	0/12		
<i>Citrobacter rodentium</i>	C	A	0/5	0/6	/	/	/
<i>Clostridium piliforme</i>	E	A	0/5	0/6	/	/	/
<i>Corynebacterium kutscheri</i>	C	A	0/5	0/6	/	/	/
<i>Mycoplasma spp.</i>	E	A	0/5	0/6	/	/	/
<i>Salmonella spp.</i>	C	A	0/5	0/6	/	/	/
<i>Streptobacillus moniliformis</i>	C	A	0/5	0/6	/	/	/
<b>Parasites and Protozoa</b>							
Ectoparasites:	M	Q	0/16	0/6	0/12		
Species designation							
Endoparasites:	M	Q	0/16	0/6	0/12		
Species designation							
<b>Pathological lesions observed</b>	Path	Q	0/16	0/6	0/12		

### NOTES:

**Methods:** C = culture, E =ELISA, M = microscopic examination, PCR= polymerase chain reaction.

A = annual, Q = quarterly

Health monitoring programme complies with the Federation of European Laboratory Animal Science Associations (FELASA)

Dr. Ferdinando Scavizzi