

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 REPORT

In accordance with FELASA recommendations

Location: **CCP SO.002 BUILDING - M barrier**

Species: **Mouse (*Mus musculus*)**

Housing: **Barrier facility, wet shower. Housing in IVC cages (all work in cage-changing station). Full protective clothing (clothes, mask, head cover, gloves, shoes) is used throughout the facility. All materials sterilized with autoclave or H2O2. Animal entry only by embryotransfer. Personnel entry restricted.**

Target Organism	Test Frequency	Latest Test Date	Latest Results		Testing Laboratory	Test Method	Historical results (last 18 months)	
			positive	tested			positive	tested

Viruses

Mouse hepatitis virus (MHV)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Mouse rotavirus (EDIM)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Murine norovirus (MNV)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Minute virus of mice (MVM)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Mouse parvo virus (MPV 1+2)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Theiler's murine encephalomyelitis virus (GDVII)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Lymphocytic choriomeningitis virus (LCMV)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Mouse adenovirus (MAD 1+2)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Mousepox (ectromelia) virus	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Pneumonia virus of mice (PVM)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Respiratory enteric virus III (Reo3)	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116
Sendai virus	3 months	18.7.2017	0	30	AnLab	ELISA serology	0	116

Bacteria, mycoplasma, fungi

<i>Helicobacter</i> spp. (<i>H.hepaticus</i> , <i>H.bilis</i> , <i>H.typhlonius</i>)	3 months	18.7.2017	0	30	AnLab	PCR	0	274
<i>Pasteurella pneumotropica</i>	3 months	18.7.2017	0	30	AnLab	culture	0	274
Streptococci β -haemolytic (Group A)	3 months	18.7.2017	0	30	AnLab	culture	0	274
Streptococci β -haemolytic (Group B)	3 months	18.7.2017	0	30	AnLab	culture	0	274
Streptococci β -haemolytic (Group C)	3 months	18.7.2017	0	30	AnLab	culture	0	274
Streptococci β -haemolytic (Group G)	3 months	18.7.2017	0	30	AnLab	culture	0	274
<i>Streptococcus pneumoniae</i>	3 months	18.7.2017	0	30	AnLab	culture	0	274
<i>Citrobacter rodentium</i>	3 months	18.7.2017	0	30	AnLab	culture	0	274
<i>Clostridium piliforme</i>	3 months	18.7.2017	0	30	AnLab	PCR	0	116
<i>Corynebacterium kutscheri</i>	3 months	18.7.2017	0	30	AnLab	culture	0	274
<i>Mycoplasma pulmonis</i>	3 months	18.7.2017	0	30	AnLab	culture, ELISA	0	116
<i>Salmonella</i> spp.	3 months	18.7.2017	0	30	AnLab	culture	0	274
<i>Streptobacillus moniliformis</i>	3 months	18.7.2017	0	30	AnLab	culture	0	274
<i>Klebsiella pneumoniae</i> *	6 months	18.7.2017	0	30	AnLab	culture	0	54
<i>Klebsiella oxytoca</i> *	6 months	18.7.2017	0	30	AnLab	culture	0	54
<i>Pasteurella</i> spp.*	6 months	18.7.2017	0	30	AnLab	culture	0	54
<i>Pseudomonas aeruginosa</i> *	6 months	18.7.2017	0	30	AnLab	culture	0	54
<i>Staphylococcus aureus</i> *	6 months	18.7.2017	0	30	AnLab	culture	0	54
<i>Proteus</i> spp.*	6 months	18.7.2017	0	30	AnLab	culture	0	54

Parasites

Fur Mites (Myocoptes, Myobia, Radforia)	3 months	18.7.2017	0	30	AnLab	direct	0	274
Pinworms (Syphacia, Aspicularis)	3 months	18.7.2017	0	30	AnLab	direct, flotation	0	274
Protozoa - Giardia muris	3 months	18.7.2017	0	30	AnLab	direct	0	274
Protozoa - Spironucleus muris	3 months	18.7.2017	0	30	AnLab	direct	0	274
Protozoa - Cryptosporidium spp.	3 months	18.7.2017	0	30	AnLab	direct	0	274

Pathology

Heart	6 months	18.7.2017	0	30	AnLab	routine necropsy	0	54
Lung	6 months	18.7.2017	0	30	AnLab	routine necropsy	0	54
Liver	6 months	18.7.2017	0	30	AnLab	routine necropsy	0	54
Spleen	6 months	18.7.2017	0	30	AnLab	routine necropsy	0	54
Kidney	6 months	18.7.2017	0	30	AnLab	routine necropsy	0	54
Eyes	6 months	18.7.2017	0	30	AnLab	routine necropsy	0	54
Other	6 months	18.7.2017	0	30	AnLab	routine necropsy	0	54

* Agents not listed in Felasa recommendation