

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.

	Test Freq.	Results	Lab.	Method	Hist. results
Bacteria, mycoplasma and fungi					
<i>Citrobacter rodentium</i>	3 months	0 / 13	SD	Cultu.	0 / 119
<i>Clostridium piliforme</i>	3 months	0 / 13	SD	MFIA/Path	0 / 119
<i>Corynebacterium kutscheri</i>	3 months	0 / 13	SD	Cultu.	0 / 119
<i>Mycoplasma spp</i>	3 months	0 / 13	SD	MFIA	0 / 119
Pasteurellaceae	3 months	0 / 13	SD	Cultu.	0 / 119
Klebsiela spp.	3 months	0 / 13	SD	Cultu.	0 / 119
<i>Salmonella spp.</i>	3 months	0 / 13	SD	Cultu.	0 / 119
Proteus sp.	3 months	0 / 13	SD	Cultu.	0 / 119
<i>P. aeruginosa</i>	3 months	0 / 13	SD	Cultu.	0 / 119
<i>Staphylococcus aureus</i>	3 months	0 / 13	SD	Cultu.	0 / 119
<i>S. b-haemolytic(not group D)</i>	3 months	0 / 13	SD	Cultu.	0 / 119
<i>Streptococcus pneumoniae</i>	3 months	0 / 13	SD	Cultu.	0 / 119
<i>Helicobacter spp:</i>					
<i>H. hepaticus</i>	3 months	0 / 13	SD	PCR	0 / 129
<i>H. bilis</i>	3 months	0 / 13	SD	PCR	0 / 129
<i>H. rodentium</i>	3 months	0 / 13	SD	PCR	0 / 129
<i>H. muridarum</i>	3 months	0 / 13	SD	PCR	0 / 129
<i>H. typhlonius</i>	3 months	0 / 13	SD	PCR	0 / 129
<i>Streptobacillus moniliformis</i>	3 months	0 / 13	SD	Cultu.	0 / 119
Additional organisms tested:					
<i>Bordetella bronchiseptica</i>	3 months	0 / 13	SD	Cultu.	0 / 119
<i>Yersinia pseudotuberculosis</i>	3 months	0 / 13	SD	Cultu.	0 / 119

Parasites

Ectoparasites	3 months	0 / 13	CNB	Micr. Exam	0 / 119
Endoparasites	3 months	0 / 13	SD	Flot/Ext/PCR	0 / 119
<i>Giardia spp</i>	3 months	0 / 13	SD	Ext/PCR	0 / 119
<i>Spironucleus spp</i>	3 months	0 / 13	SD	Ext/PCR	0 / 119
Other flagellates					
<i>Trichomonas spp</i>	3 months	0 / 13	SD	Ext/PCR	0 / 119

Pathological lesions observed

Strain: Lesions:
 Strain: Lesions:
 Strain: Lesions:

Data are expressed as number positive/number tested. Historical results are ≤ 18 months

ABBREVIATIONS FOR LABORATORIES

CNB: Centro Nacional de Biotecnología, SD: Surrey Diagnostics Limited

Patho: Pathology; Micr. Exam: microscopic examination; Cultu.: Culture; nt: No tested

Standard operating procedures can be received from: CNB

*Colony rederivation December 2014

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