

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 REPORT

Animal colony : ID

Date : 03/09/2020

Species : mice

strain :

Health monitoring of mice from ZD ID

Virus	Date of last control	Results		Frequency of testing	Laboratory	Method
		number of positive	Number of animal testing			
	03/06/2020					
<i>Mouse Hepatitis Virus (MHV)</i>		0 / 7		at weaning	QM Diagnostics (1)	MFLA
<i>Rotavirus (EDIM)</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Norovirus</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Minute Virus of Mice (MVM)</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Parvovirus (RNS-1, VP2)</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Theiler's encephalomyelitis virus (TMEV)</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Lymphocytic choriomeningitis viral (LCMV)</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Mouse Adenovirus FL</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Mouse Adenovirus K87</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Ectromelia virus</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Pneumonia virus</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Reovirus 3</i>		0 / 7		at weaning	QM Diagnostics	MFLA
<i>Sendai virus</i>		0 / 7		at weaning	QM Diagnostics	MFLA
Bacteria and mycoplasma						
Intestinal bacteria :						
<i>Citrobacter rodentium</i>		0 / 15		at weaning	CDTA	Culture
<i>Clostridium piliformis</i>		0 / 15		at weaning	QM Diagnostics	IFA
<i>Helicobacter sp</i>		0 / 7		at weaning	CDTA	PCR
<i>Salmonella sp</i>		0 / 15		at weaning	CDTA	Culture
Respiratory bacteria and mycoplasma :						
<i>Pasteurella pneumotropica</i>		0 / 15		at weaning	CDTA	Culture
<i>Corynebacterium kusteri</i>		0 / 15		at weaning	CDTA	Culture
<i>Streptobacillus moniliformis</i>		0 / 15		at weaning	CDTA	Culture
<i>Streptococcus pneumoniae</i>		0 / 15		at weaning	CDTA	Culture
<i>Streptococcus β hémolytiques</i>		0 / 15		at weaning	CDTA	Culture
<i>Mycoplasma pulmonis</i>		0 / 7		at weaning	QM Diagnostics	MFLA
Others opportunistic bacteria						
<i>Staphylococcus aureus</i>		0 / 15		at weaning	CDTA	Culture
<i>Klebsiella sp</i>		0 / 15		at weaning	CDTA	Culture
<i>Pseudomonas aeruginosa</i>		0 / 15		at weaning	CDTA	Culture
<i>Pneumocystis sp</i>		0 / 2		at weaning	CDTA	PCR
Parasites and Commensals						
Ectoparasites : skin/pelage observation under magnifying glass						
<i>Myobia musculi</i>		0 / 15		at weaning	CDTA	Observation
<i>Myocoptes musculinus</i>		0 / 15		at weaning	CDTA	Observation
<i>Radfordia sp</i>		0 / 15		at weaning	CDTA	Observation
<i>Polyplax sp.</i>		0 / 15		at weaning	CDTA	Observation
Intestinal protozoa : cecal & duodenal content examination under microscope						
<i>Trichomonas sp.</i>		0 / 15		at weaning	CDTA	Observation
<i>Spiroplasma muris</i>		0 / 15		at weaning	CDTA	Observation
<i>Giardia muris</i>		0 / 15		at weaning	CDTA	Observation
<i>Chilomastix sp.</i>		0 / 15		at weaning	CDTA	Observation
<i>Entamoeba muris</i>		0 / 15		at weaning	CDTA	Observation
<i>Eimeria sp.</i>		0 / 15		at weaning	CDTA	Observation
<i>Autres</i>		0 / 15		at weaning	CDTA	Observation
Intestinal helminths : cecal & duodenal content examination under microscope						
<i>Syphacia sp.</i>		0 / 15		at weaning	CDTA	Observation
<i>Aspiculuris tetraptera</i>		0 / 15		at weaning	CDTA	Observation
<i>Hymenolepis sp</i>		0 / 15		at weaning	CDTA	Observation

(1) - QM Diagnostics, Central Animal Laboratory Nijmegen, The Netherland. Accreditation Iso 15189

The animals delivered by CDTA are only for research purpose.
Health monitoring of the animals is performed according to FELASA recommendations.

Authorized signature :
Date :


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