

THE UNIVERSITY OF HONG KONG - LABORATORY ANIMAL UNIT - UNIT LABORATORY

Conventional Experimental Holding Area - Dexter H.C. Man Building (CA-Extension) : Mouse Health Surveillance Data Year 2019

Room		EG308	EG316	EG23	EG11	EG19
Species / Strain		Mouse/Multi-strain (IVC) <small>(Animals relocated to EG11 & EG19 in July 2019)</small>	Mouse/Multi-strain (IVC) <small>(Animals relocated to EG23 in July 2019)</small>	Mouse/Multi-strain (IVC)	Mouse/Multi-strain (IVC)	Mouse/Multi-strain (IVC)
I) Virology Screening <i>(Note 1 & 2)</i>	Testing Lab <i>(Note 3)</i>	Result / Test Method <i>(Note 3-4)</i>				
		PCR	MFLA	PCR	MFLA	MFLA
Ectromelia Virus [ECTRO]	CRL	0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Hantaan Virus [HANT]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Prospect Hill Virus [PHV]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Lactate Dehydrogenase Elevating Virus [LDV]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Lymphocytic Choriomeningitis Virus [LCMV]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Adenovirus (includes MAd 1 & 2) [MAV]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Cytomegalovirus [MCMV]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Hepatitis Virus [MHV]		1 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Norovirus [MNV]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Parvovirus rNS-1 [rNS-1]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Parvovirus (Type 1, 2, 5) [MPV 1, 2, 5]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Minute Virus of Mice [MVM]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Thymic Virus [MTLV]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Pneumonia Virus of Mice [PVM]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Polyoma Virus [POLY]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Pneumonitis Virus [K]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Reovirus Type 3 [REO] / Type 1234		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Mouse Rotavirus (ROTA-A) [Epizootic Diarrhea of Infant Mice Virus (EDIM)]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Sendai Virus [SEND]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
Theiler's Murine Encephalomyelitis Virus [TMEV / GDVII]		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
II) Bacteriological Screening						
<i>Bordetella bronchiseptica</i>	CRL	0 / 1	/	0 / 1	/	/
<i>Bordetella hinzii</i>		0 / 1	/	0 / 1	/	/
<i>Burkholderia cepacia</i>		/	/	/	/	/
<i>Campylobacter</i>		0 / 1	/	0 / 1	/	/
<i>Cilia Associated Respiratory bacillus [CARB]</i>		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
<i>Citrobacter rodentium</i>		0 / 1	/	0 / 1	/	/
<i>Clostridium piliforme (Tyzzer's bacillus)</i>		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
<i>Corynebacterium bovis</i>		0 / 1	/	0 / 1	/	/
<i>Corynebacterium kutscheri</i>		0 / 1	/	0 / 1	/	/
<i>Escherichia coli, β-haemolytic</i>		/	/	/	/	/
<i>Haemophilus spp.</i>		/	/	/	/	/
<i>Haemophilus parainfluenzae</i>		/	/	/	/	/
<i>Helicobacter Bilis [HBB]</i>		0 / 1	/	0 / 1	/	/
<i>Helicobacter Ganmani [HBG]</i>		1 / 1	/	0 / 1	/	/
<i>Helicobacter Hepaticus [HBH]</i>		1 / 1	/	0 / 1	/	/
<i>Helicobacter Mastomyris [HBM]</i>		1 / 1	/	0 / 1	/	/
<i>Helicobacter Rodentium [HBR]</i>		0 / 1	/	0 / 1	/	/
<i>Helicobacter Typhlonius [HBT]</i>		1 / 1	/	0 / 1	/	/
<i>Klebsiella oxytoca</i>		0 / 1	/	0 / 1	/	/
<i>Klebsiella pneumoniae</i>		0 / 1	/	0 / 1	/	/
<i>Mycoplasma pulmonis [MPUL]</i>		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
<i>Pasteurella spp.</i>		/	/	/	/	/
<i>Pasteurella haemolytica</i>		/	/	/	/	/
<i>Pasteurella multocida</i>		0 / 1	/	0 / 1	/	/
<i>Pasteurella pneumotropica</i>		/	/	/	/	/
<i>Pasteurella pneumotropica-Heyl</i>		1 / 1	/	0 / 1	/	/
<i>Pasteurella pneumotropica-Jawetz</i>		0 / 1	/	0 / 1	/	/
<i>Proteus mirabilis</i>		0 / 1	/	0 / 1	/	/
<i>Pseudomonas spp.</i>		/	/	/	/	/
<i>Pseudomonas aeruginosa</i>		0 / 1	/	0 / 1	/	/
<i>Pseudomonas alcaligenes</i>		/	/	/	/	/
<i>Pseudomonas putida</i>		/	/	/	/	/
<i>Salmonella spp.</i>		0 / 1	/	0 / 1	/	/
<i>Staphylococcus aureus</i>		0 / 1	/	0 / 1	/	/
<i>Streptobacillus moniliformis</i>		0 / 1	/	0 / 1	/	/
<i>Streptococcus pneumoniae</i>		0 / 1	/	0 / 1	/	/
<i>Streptococcus spp. β-haemolytic Lancefield group A</i>		0 / 1	/	0 / 1	/	/
<i>Streptococcus spp. β-haemolytic Lancefield group B</i>		0 / 1	/	0 / 1	/	/
<i>Streptococcus spp. β-haemolytic Lancefield group C</i>		0 / 1	/	0 / 1	/	/
<i>Streptococcus spp. β-haemolytic Lancefield group D</i>		/	/	/	/	/
<i>Streptococcus spp. β-haemolytic Lancefield group F</i>	/	/	/	/	/	
<i>Streptococcus spp. β-haemolytic Lancefield group G</i>	0 / 1	/	0 / 1	/	/	
<i>Yersinia enterocolitica</i>	0 / 1	/	0 / 1	/	/	
<i>Yersinia pseudotuberculosis</i>	0 / 1	/	0 / 1	/	/	
III) Mycological Screening						
Dermatophytes	CRL	/	/	/	/	/
<i>Encephalitozoon cuniculi [ECUN]</i>		0 / 1	0 / 2	0 / 1	0 / 2	0 / 2
<i>Pneumocystis spp.</i>		1 / 1	/	0 / 1	/	/
IV) Parasitological Screening						
Ecto-parasites						
Fleas, Mites and Lice	CRL	/	/	/	/	/
<i>Demodex</i>		0 / 1	/	0 / 1	/	/
<i>Fur mites (Myobia, Myocoptes, Radfordia)</i>		0 / 1	/	0 / 1	/	/
Endo-parasites						
Helminths	CRL	/	/	/	/	/
Pinworm		1 / 1	/	0 / 1	/	/
<i>Aspicularis tetraaptera</i>		0 / 1	/	/	/	/
<i>Syphacia muis</i>		0 / 1	/	/	/	/
<i>Syphacia obvelata</i>		1 / 1	/	/	/	/
<i>Cryptosporidium</i>		0 / 1	/	0 / 1	/	/
<i>Entamoeba spp.</i>		0 / 1	/	1 / 1	/	/
<i>Giardia spp.</i>		0 / 1	/	0 / 1	/	/
<i>Spiroplasma muris</i>		0 / 1	/	0 / 1	/	/
<i>Toxoplasma gondii</i>		0 / 1	/	0 / 1	/	/
<i>Trichomonads</i>		/	/	/	/	/
<i>Tritrichomonas spp.</i>		0 / 1	/	0 / 1	/	/

Note :-

- Microbes were screened from clinically healthy sentinel animals (using soiled bedding exposure method) for routine health monitoring from each breeding room or experimental holding room. Additional tests will be performed if needed.
 - 2 sentinel animals were screened for Serological test (antibody testing) annually. And additional samples were screened for PCR test if needed.
- Pinworms & ectoparasites were screened from clinically healthy sentinel & resident animals if needed.
- Abbreviations : CRL = Charlie River Laboratories, USA; MFLA = Multiplexed Fluorometric ImmunoAssay (antibody testing); PCR = Polymerase Chain Reaction,
- Result = Total no. of positive / Total no. of samples collected, "/" = Tested not done,

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Conventional Experimental Holding Area - Li Ka Shing Faculty of Medicine, Laboratory Block (CA-FMB) : Rat Health Surveillance Data Year 2019

Room		Rm AR1	Rm AR3
Species / Strain		Rat / Multi-strain	Rat / Multi-strain
I) Virology Screening <i>(Note 1)</i>	Testing Lab <i>(Note 2)</i>	Test Method <i>(Note 2)</i>	Result <i>(Note 3)</i>
Hantaan Virus [HANT]	CRL	MFIA	0 / 2
Lymphocytic Choriomeningitis Virus [LCMV]			0 / 3
Mouse Adenovirus (includes MAd 1 & 2) [MAV]			0 / 2
Pneumonia Virus of Mice [PVM]			0 / 3
Parvovirus [NS-1]			0 / 2
Rat Parvovirus [RPV]			0 / 3
Kilham Rat Virus [KRV]			0 / 2
Toolan's H-1 Virus [H-1]			0 / 3
Rat Minute Virus [RMV]			0 / 2
Rat Coronavirus/Sialodacryoadenitis Virus [RCV / SDAV]			0 / 3
Rat Rotavirus (ROTA-B) {infectious diarrhea of infant rats}[IDIR]			0 / 2
Rat Theilovirus [RTV]			0 / 3
Reovirus Type 3 [REO]			0 / 2
Sendai Virus [SEND]			0 / 3
II) Bacteriological Screening			
<i>Cilia Associated Respiratory bacillus [CARB]</i>	CRL	MFIA	0 / 2
<i>Clostridium piliforme (Tyzzer's bacillus)</i>			0 / 3
<i>Mycoplasma pulmonis [MPUL]</i>			0 / 2
III) Mycological Screening			
<i>Encephalitozoon cuniculi [ECUN]</i>	CRL	MFIA	0 / 2
<i>Pneumocystis carinii [RRV]</i>			2 / 2
			3 / 3

Note :-

- Microbes were screened from clinically healthy sentinel (using soiled bedding exposure method) or resident animals for routine health monitoring from each breeding room or experimental holding room.
 - 2 sentinel animals for Serology screening [antibody testing] annually.
- Abbreviations : CRL = Charle River Laboratories, USA, MFIA = Multiplexed Fluorometric ImmunoAssay (antibody testing)
- Result = Total no. of positive / Total no. of samples collected, " / " = Tested not done

THE UNIVERSITY OF HONG KONG - LABORATORY ANIMAL UNIT - UNIT LABORATORY

Conventional Experimental Holding Area - Li Ka Shing Faculty of Medicine, Laboratory Block (CA-FMB) : Rabbit Health Surveillance Data Year 2019

Room			Rm AR14	
Species / Strain			Rabbit / WHHLMI	Rabbit / NZW (New Zealand White)
I) Virology Screening <i>(Note 1)</i>	Testing Lab <i>(Note 2)</i>	Test Method <i>(Note 2)</i>	Result <i>(Note 3)</i>	
Lymphocytic Choriomeningitis Virus [LCMV]	CRL	PCR	0 / 1	0 / 1
Rabbit Hepatitis E Virus [RHEV]			0 / 1	0 / 1
Rabbit Picobirnavirus			0 / 1	0 / 1
Rabbit Rotavirus [ROTA] (Group A Rotavirus)			0 / 1	0 / 1
II) Bacteriological Screening	CRL	PCR		
<i>Bordetella bronchiseptica</i>			0 / 1	0 / 1
<i>Cilia Associated Respiratory bacillus [CARB]</i>			1 / 1	1 / 1
<i>Clostridium piliforme</i> (Tyzzer's bacillus)			0 / 1	0 / 1
<i>Francisella tularensis</i>			0 / 1	0 / 1
<i>Helicobacters</i> genus			1 / 1	0 / 1
<i>Helicobacter Bilis</i> [HBB]			0 / 1	/
<i>Helicobacter Ganmani</i> [HBG]			0 / 1	/
<i>Helicobacter Hepaticus</i> [HBH]			0 / 1	/
<i>Helicobacter Mastomyrinus</i> [HBM]			0 / 1	/
<i>Helicobacter Rodentium</i> [HBR]			0 / 1	/
<i>Helicobacter Typhlonius</i> [HBT]			0 / 1	/
<i>Lawsonia</i>			0 / 1	0 / 1
<i>Pasteurellaceae</i>			1 / 1	1 / 1
<i>Pasteurella multocida</i>			0 / 1	0 / 1
<i>Pasteurella pneumotropica</i> -Heyl			0 / 1	0 / 1
<i>Pasteurella pneumotropica</i> -Jawetz			0 / 1	0 / 1
<i>Pseudomonas aeruginosa</i>			1 / 1	0 / 1
<i>Salmonella</i> spp.			0 / 1	0 / 1
<i>Staphylococcus aureus</i>			0 / 1	0 / 1
<i>Treponema paraluis-cuniculi</i>	0 / 1	0 / 1		
III) Mycological Screening	CRL	PCR		
<i>Encephalitozoon cuniculi</i> [ECUN]			0 / 1	0 / 1
IV) Parasitological Screening	CRL	PCR		
Endo-parasites				
<i>Passaluris ambigua</i> (Pinworm)			0 / 1	0 / 1
<i>Cryptosporidium</i>			0 / 1	0 / 1
<i>Entamoeba</i> spp.			0 / 1	0 / 1
<i>Rabbit Eimeria</i> spp.	0 / 1	0 / 1		

Note :-

1. Microbes were screened from clinically healthy animals for health monitoring from breeding room or experimental holding room.
2. Abbreviations : CRL = Charle River Laboratories, USA, PCR = Polymerase Chain Reaction,
3. Result = Total no. of positive / Total no. of samples collected, / = Test not done

THE UNIVERSITY OF HONG KONG - LABORATORY ANIMAL UNIT - UNIT LABORATORY

Conventional Experimental Holding Area, Kadoorie Biological Sciences Building (CA-KA) : Mouse Health Surveillance Data Year 2019

Room			Rm 8S-20	Rm 8S-21	Rm 8S-22
Species / Strain			Mouse / Multi-strain	Mouse / Multi-strain	Mouse / Multi-strain
I) Virology Screening <i>(Note 1 & 2)</i>	Testing Lab <i>(Note 3)</i>	Test Method <i>(Note 3)</i>	Result <i>(Note 4)</i>		
Ectromelia Virus [ECTRO]	CRL	MFIA	0 / 2	0 / 2	0 / 2
Hantaan Virus [HANT]			0 / 2	0 / 2	0 / 2
Prospect Hill Virus [PHV]			0 / 2	0 / 2	0 / 2
Lactate Dehydrogenase Elevating Virus [LDV]			0 / 2	0 / 2	0 / 2
Lymphocytic Choriomeningitis Virus [LCMV]			0 / 2	0 / 2	0 / 2
Mouse Adenovirus (includes MAd 1 & 2) [MAV]			0 / 2	0 / 2	0 / 2
Mouse Cytomegalovirus [MCMV]			0 / 2	0 / 2	0 / 2
Mouse Hepatitis Virus [MHV]			0 / 2	2 / 2	2 / 2
Mouse Norovirus [MNV]			2 / 2	2 / 2	2 / 2
Mouse Parvovirus rNS-1 [rNS-1]			0 / 2	0 / 2	0 / 2
Mouse Parvovirus (Type 1, 2, 5) [MPV 1, 2, 5]			0 / 2	0 / 2	0 / 2
Minute Virus of Mice [MVM]			0 / 2	0 / 2	0 / 2
Mouse Thymic Virus [MTLV]			0 / 2	0 / 2	0 / 2
Pneumonia Virus of Mice [PVM]			0 / 2	0 / 2	0 / 2
Polyoma Virus [POLY]			0 / 2	0 / 2	0 / 2
Mouse Pneumonitis Virus [K]			0 / 2	0 / 2	0 / 2
Reovirus Type 3 [REO]			0 / 2	0 / 2	0 / 2
Mouse Rotavirus (ROTA-A) [Epizootic Diarrhea of Infant Mice Virus (EDIM)]			0 / 2	0 / 2	0 / 2
Sendai Virus [SEND]	0 / 2	0 / 2	0 / 2		
Theiler's Murine Encephalomyelitis Virus [TMEV / GDVII]	0 / 2	0 / 2	0 / 2		
II) Bacteriological Screening					
<i>Cilia Associated Respiratory bacillus [CARB]</i>	CRL	MFIA	0 / 2	0 / 2	0 / 2
<i>Clostridium piliforme (Tyzzer's bacillus)</i>			0 / 2	0 / 2	0 / 2
<i>Mycoplasma pulmonis [MPUL]</i>			0 / 2	0 / 2	0 / 2
III) Mycological Screening <i>(Note 1)</i>					
<i>Encephalitozoon cuniculi [ECUN]</i>	CRL	MFIA	0 / 2	0 / 2	0 / 2
IV) Parasitological Screening					
Ecto-parasites					
Fleas, Mites and Lice	Unit Lab	Microscopic	/	/	/
Endo-parasites					
<i>Pinworm</i>	Unit Lab	Microscopic	/	/	/

Note :-

- Microbes were screened from clinically healthy sentinel animals (using soiled bedding exposure method) for routine health monitoring from each breeding room or experimental holding room.
 - 2 sentinel animals for Serology screening [antibody testing] annually
- Pinworms & ectoparasites were screened from clinically healthy sentinel & resident animals if needed.
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- Result = Total no. of positive / Total no. of samples collected, " / " = Tested not done

THE UNIVERSITY OF HONG KONG - LABORATORY ANIMAL UNIT - UNIT LABORATORY

Conventional Experimental Holding Area - Kadoorie Biological Sciences Building(CA-KA) : Rat Health Surveillance Data Year 2019

Room			Rm 8S-18
Species / Strain			Rat / Multi-strain
I) Virology Screening <i>(Note 1 & 2)</i>	Testing Lab <i>(Note 3)</i>	Test Method <i>(Note 3)</i>	Result <i>(Note 4)</i>
Hantaan Virus [HANT]	CRL	MFIA	0 / 2
Lymphocytic Choriomeningitis Virus [LCMV]			0 / 2
Mouse Adenovirus (includes Mad 1 & 2) [MAV]			0 / 2
Pneumonia Virus of Mice [PVM]			0 / 2
Parvovirus [NS-1]			0 / 2
Rat Parvovirus [RPV]			0 / 2
Kilham Rat Virus [KRV]			0 / 2
Toolan's H-1 Virus [H-1]			0 / 2
Rat Minute Virus [RMV]			0 / 2
Rat Coronavirus/Sialodacryoadenitis Virus [RCV / SDAV]			0 / 2
Rat Rotavirus (ROTA-B) {infectious diarrhea of infant rats}[IDIR]			0 / 2
Rat Theilovirus [RTV]			0 / 2
Reovirus Type 3			0 / 2
Sendai Virus [SEND]			0 / 2
II) Bacteriological Screening	CRL	MFIA	
<i>Cilia Associated Respiratory bacillus [CARB]</i>			0 / 2
<i>Clostridium piliforme (Tyzzer's bacillus)</i>			0 / 2
<i>Mycoplasma pulmonis [MPUL]</i>			0 / 2
III) Mycological Screening	CRL	MFIA	
<i>Encephalitozoon cuniculi</i>			0 / 2
<i>Pneumocystis carinii</i>			1 / 2
IV) Parasitological Screening			
Ecto-parasites			
Fleas, Mites and Lice	Unit Lab	Microscopic	/
Endo-parasites			
Pinworm	Unit Lab	Microscopic	/

Note :-

- Microbes were screened from clinically healthy sentinel animals (using soiled bedding exposure method) for routine health monitoring from each breeding room or experimental holding room.
 - 2 sentinel animals for Serology screening [antibody testing] annually
- Pinworms & ectoparasites were screened from clinically healthy sentinel & resident animals if needed.
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