



# Final Health Monitoring Report

Yolanda Miralles  
Universidad Miguel Hernandez  
Servicio ExperimentacionAnimal  
Edificio Animalario  
Avda. de la cadena S/N  
San Joan  
Alicante, 03550

**Order Number**

Not supplied

**Report Reference**

14-1926

**Samples Received**

July 31, 2014

**Report Date**

August 11, 2014

Quantity	Sample Details	Species	Profile	Sample Type
1	Sant Joan Conventional box 13 - DH	Guinea Pig	28G (FELASA annual screen)	Live Animal
1	Elx Conventional box 1A - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Elx Conventional box 1B - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Elx Conventional box 2A - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Elx Conventional box 2B - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Barrier box 7A - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Barrier box 7B - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 3A - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 3B - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 4A - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 4B - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 5A - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 5B - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 6A - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 6B - ICR	Mouse	375M (FELASA annual screen)	Live Animal
1	Sant Joan Barrier box 12 - Wi	Rat	143R (FELASA annual screen)	Live Animal

**Report Reference: 14-1926**

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Results are controlled through a secure LIMS and released on the approval of the Laboratory Services Manager.

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Quantity	Sample Details	Species	Profile	Sample Type
1	Sant Joan Conventional box 10 - Wi	Rat	143R (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 11 - Wi	Rat	143R (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 8 - Wi	Rat	143R (FELASA annual screen)	Live Animal
1	Sant Joan Conventional box 9 - Wi	Rat	143R (FELASA annual screen)	Live Animal

## Sant Joan Conventional box 13 - 28G

Sample negative for the agents tested

## Elx Conventional box 1A - 375M

Sample positive for *Mouse Norovirus*

Sample positive for *Entamoeba sp*

## Elx Conventional box 1B - 375M

Sample positive for *Mouse Norovirus*

Sample positive for *Tritrichomonas sp*

## Elx Conventional box 2A - 375M

Sample negative for the agents tested

## Elx Conventional box 2B - 375M

Sample negative for the agents tested

## Sant Joan Barrier box 7A - 375M

Sample negative for the agents tested

## Sant Joan Barrier box 7B - 375M

Sample negative for the agents tested

## Sant Joan Conventional box 3A - 375M

Sample positive for *Mouse Norovirus*

## Sant Joan Conventional box 3B - 375M

Sample negative for the agents tested

## Sant Joan Conventional box 4A - 375M

Sample positive for *Mouse Norovirus*

Sample positive for *Entamoeba sp*

Sample positive for *Tritrichomonas sp*

## Sant Joan Conventional box 4B - 375M

Sample positive for *Mouse Norovirus*

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## Sant Joan Conventional box 5A - 375M

Sample positive for *Mouse Norovirus*  
Sample positive for *Entamoeba sp*  
Sample positive for *Tritrichomonas sp*

## Sant Joan Conventional box 5B - 375M

Sample positive for *Mouse Norovirus*

## Sant Joan Conventional box 6A - 375M

Sample positive for *Mouse Norovirus*  
Sample positive for *Entamoeba sp*

## Sant Joan Conventional box 6B - 375M

Sample positive for *Mouse Norovirus*

## Sant Joan Barrier box 12 - 143R

Sample negative for the agents tested

## Sant Joan Conventional box 10 - 143R

Sample negative for the agents tested

## Sant Joan Conventional box 11 - 143R

Sample negative for the agents tested

## Sant Joan Conventional box 8 - 143R

Sample positive for *Syphacia obvelata*

## Sant Joan Conventional box 9 - 143R

Sample negative for the agents tested

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Test Date	Species	Submitter	Area	Profile
31 July 14	Guinea Pig	Universidad Miguel Hernandez	Sant Joan Conventional box 13	28G (FELASA annual screen)
Viruses		Positive/Tested	Test Method	
Guinea Pig Adenovirus		0/1	ELISA	
Guinea pig cytomegalovirus		0/1	IFA	
Parainfluenza virus 3		0/1	ELISA	
Sendai virus		0/1	ELISA	
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Bordetella bronchiseptica</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	ELISA	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Salmonella sp</i>		0/1	Culture	
<i>Streptobacillus moniliformis</i>		0/1	Culture	
Streptococci Beta-haemolytic (not group D)		0/1	Culture	
<i>Streptococcus pneumoniae</i>		0/1	Culture	
Parasites		Positive/Tested	Test Method	
Ectoparasites		0/1	Microscopy	
<i>Encephalitozoon cuniculi</i>		0/1	ELISA	
Endoparasites		0/1	Microscopy	
Pathological Lesions		Positive/Tested	Test Method	
External		0/1	Pathology	
Necropsy		0/1	Pathology	

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile	
31 July 14	Mouse	Universidad Miguel Hernandez	Elx Conventional box 1A	375M (FELASA)	
Viruses				Positive/Tested	Test Method
Ectromelia virus				0/1	Bead
Lymphocytic choriomeningitis virus				0/1	Bead
Minute virus of mice				0/1	Bead
Mouse adenovirus type 1 (MAAd FL)				0/1	Bead
Mouse adenovirus type 2 (MAAd K87)				0/1	Bead
Mouse hepatitis virus				0/1	Bead
<b>Mouse Norovirus</b>				<b>1/1</b>	<b>Bead</b>
Mouse parvovirus				0/1	Bead
Mouse rotavirus (EDIM)				0/1	Bead
Pneumonia virus of mice				0/1	Bead
Reovirus type 3 (Reo 3)				0/1	Bead
Sendai virus				0/1	Bead
Theiler's murine encephalomyelitis virus				0/1	Bead
Bacteria, Mycoplasma and Fungi				Positive/Tested	Test Method
<i>Citrobacter rodentium</i>				0/1	Culture
<i>Clostridium piliforme</i>				0/1	Bead
<i>Corynebacterium kutscheri</i>				0/1	Culture
<i>Helicobacter spp</i>				0/1	PCR
<i>Mycoplasma pulmonis</i>				0/1	Bead
<i>Pasteurella pneumotropica</i>				0/1	Culture
<i>Salmonella sp</i>				0/1	Culture
<i>Streptobacillus moniliformis</i>				0/1	Culture
Streptococci Beta-haemolytic (not group D)				0/1	Culture
<i>Streptococcus pneumoniae</i>				0/1	Culture
Parasites				Positive/Tested	Test Method
Ectoparasites				0/1	Microscopy
Endoparasites				<b>1/1</b>	<b>Microscopy</b>
<i>Entamoeba sp</i>				<b>1/1</b>	<b>Microscopy</b>
Pathological Lesions				Positive/Tested	Test Method
External				0/1	Pathology
Necropsy				0/1	Pathology

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Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Elx Conventional box 1B	375M (FELASA)
Viruses		Positive/Tested	Test Method	
Ectromelia virus		0/1	Bead	
Lymphocytic choriomeningitis virus		0/1	Bead	
Minute virus of mice		0/1	Bead	
Mouse adenovirus type 1 (MAd FL)		0/1	Bead	
Mouse adenovirus type 2 (MAd K87)		0/1	Bead	
Mouse hepatitis virus		0/1	Bead	
<b>Mouse Norovirus</b>		<b>1/1</b>	<b>Bead</b>	
Mouse parvovirus		0/1	Bead	
Mouse rotavirus (EDIM)		0/1	Bead	
Pneumonia virus of mice		0/1	Bead	
Reovirus type 3 (Reo 3)		0/1	Bead	
Sendai virus		0/1	Bead	
Theiler's murine encephalomyelitis virus		0/1	Bead	
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Citrobacter rodentium</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	Bead	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma pulmonis</i>		0/1	Bead	
<i>Pasteurella pneumotropica</i>		0/1	Culture	
<i>Salmonella sp</i>		0/1	Culture	
<i>Streptobacillus moniliformis</i>		0/1	Culture	
Streptococci Beta-haemolytic (not group D)		0/1	Culture	
<i>Streptococcus pneumoniae</i>		0/1	Culture	
Parasites		Positive/Tested	Test Method	
Ectoparasites		0/1	Microscopy	
Endoparasites		<b>1/1</b>	<b>Microscopy</b>	
<i>Tritrichomonas sp</i>		<b>1/1</b>	<b>Microscopy</b>	
Pathological Lesions		Positive/Tested	Test Method	
External		0/1	Pathology	
Necropsy		0/1	Pathology	

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31 July 14	Mouse	Universidad Miguel Hernandez	Elx Conventional box 2A	375M (FELASA)
Viruses		Positive/Tested	Test Method	
Ectromelia virus	0/1	Bead		
Lymphocytic choriomeningitis virus	0/1	Bead		
Minute virus of mice	0/1	Bead		
Mouse adenovirus type 1 (MAd FL)	0/1	Bead		
Mouse adenovirus type 2 (MAd K87)	0/1	Bead		
Mouse hepatitis virus	0/1	Bead		
Mouse Norovirus	0/1	Bead		
Mouse parvovirus	0/1	Bead		
Mouse rotavirus (EDIM)	0/1	Bead		
Pneumonia virus of mice	0/1	Bead		
Reovirus type 3 (Reo 3)	0/1	Bead		
Sendai virus	0/1	Bead		
Theiler's murine encephalomyelitis virus	0/1	Bead		
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Citrobacter rodentium</i>	0/1	Culture		
<i>Clostridium piliforme</i>	0/1	Bead		
<i>Corynebacterium kutscheri</i>	0/1	Culture		
<i>Helicobacter spp</i>	0/1	PCR		
<i>Mycoplasma pulmonis</i>	0/1	Bead		
<i>Pasteurella pneumotropica</i>	0/1	Culture		
<i>Salmonella sp</i>	0/1	Culture		
<i>Streptobacillus moniliformis</i>	0/1	Culture		
Streptococci Beta-haemolytic (not group D)	0/1	Culture		
<i>Streptococcus pneumoniae</i>	0/1	Culture		
Parasites		Positive/Tested	Test Method	
Ectoparasites	0/1	Microscopy		
Endoparasites	0/1	Microscopy		
Pathological Lesions		Positive/Tested	Test Method	
External	0/1	Pathology		
Necropsy	0/1	Pathology		

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31 July 14	Mouse	Universidad Miguel Hernandez	Elx Conventional box 2B	375M (FELASA)
Viruses		Positive/Tested	Test Method	
Ectromelia virus	0/1	Bead		
Lymphocytic choriomeningitis virus	0/1	Bead		
Minute virus of mice	0/1	Bead		
Mouse adenovirus type 1 (MAd FL)	0/1	Bead		
Mouse adenovirus type 2 (MAd K87)	0/1	Bead		
Mouse hepatitis virus	0/1	Bead		
Mouse Norovirus	0/1	Bead		
Mouse parvovirus	0/1	Bead		
Mouse rotavirus (EDIM)	0/1	Bead		
Pneumonia virus of mice	0/1	Bead		
Reovirus type 3 (Reo 3)	0/1	Bead		
Sendai virus	0/1	Bead		
Theiler's murine encephalomyelitis virus	0/1	Bead		
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Citrobacter rodentium</i>	0/1	Culture		
<i>Clostridium piliforme</i>	0/1	Bead		
<i>Corynebacterium kutscheri</i>	0/1	Culture		
<i>Helicobacter spp</i>	0/1	PCR		
<i>Mycoplasma pulmonis</i>	0/1	Bead		
<i>Pasteurella pneumotropica</i>	0/1	Culture		
<i>Salmonella sp</i>	0/1	Culture		
<i>Streptobacillus moniliformis</i>	0/1	Culture		
Streptococci Beta-haemolytic (not group D)	0/1	Culture		
<i>Streptococcus pneumoniae</i>	0/1	Culture		
Parasites		Positive/Tested	Test Method	
Ectoparasites	0/1	Microscopy		
Endoparasites	0/1	Microscopy		
Pathological Lesions		Positive/Tested	Test Method	
External	0/1	Pathology		
Necropsy	0/1	Pathology		

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Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Barrier box 7A	375M (FELASA)
Viruses		Positive/Tested	Test Method	
Ectromelia virus		0/1	Bead	
Lymphocytic choriomeningitis virus		0/1	Bead	
Minute virus of mice		0/1	Bead	
Mouse adenovirus type 1 (MAd FL)		0/1	Bead	
Mouse adenovirus type 2 (MAd K87)		0/1	Bead	
Mouse hepatitis virus		0/1	Bead	
Mouse Norovirus		0/1	Bead	
Mouse parvovirus		0/1	Bead	
Mouse rotavirus (EDIM)		0/1	Bead	
Pneumonia virus of mice		0/1	Bead	
Reovirus type 3 (Reo 3)		0/1	Bead	
Sendai virus		0/1	Bead	
Theiler's murine encephalomyelitis virus		0/1	Bead	
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Citrobacter rodentium</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	Bead	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma pulmonis</i>		0/1	Bead	
<i>Pasteurella pneumotropica</i>		0/1	Culture	
<i>Salmonella sp</i>		0/1	Culture	
<i>Streptobacillus moniliformis</i>		0/1	Culture	
Streptococci Beta-haemolytic (not group D)		0/1	Culture	
<i>Streptococcus pneumoniae</i>		0/1	Culture	
Parasites		Positive/Tested	Test Method	
Ectoparasites		0/1	Microscopy	
Endoparasites		0/1	Microscopy	
Pathological Lesions		Positive/Tested	Test Method	
External		0/1	Pathology	
Necropsy		0/1	Pathology	

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Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Barrier box 7B	375M (FELASA)
Viruses		Positive/Tested	Test Method	
Ectromelia virus		0/1	Bead	
Lymphocytic choriomeningitis virus		0/1	Bead	
Minute virus of mice		0/1	Bead	
Mouse adenovirus type 1 (MAd FL)		0/1	Bead	
Mouse adenovirus type 2 (MAd K87)		0/1	Bead	
Mouse hepatitis virus		0/1	Bead	
Mouse Norovirus		0/1	Bead	
Mouse parvovirus		0/1	Bead	
Mouse rotavirus (EDIM)		0/1	Bead	
Pneumonia virus of mice		0/1	Bead	
Reovirus type 3 (Reo 3)		0/1	Bead	
Sendai virus		0/1	Bead	
Theiler's murine encephalomyelitis virus		0/1	Bead	
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Citrobacter rodentium</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	Bead	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma pulmonis</i>		0/1	Bead	
<i>Pasteurella pneumotropica</i>		0/1	Culture	
<i>Salmonella sp</i>		0/1	Culture	
<i>Streptobacillus moniliformis</i>		0/1	Culture	
Streptococci Beta-haemolytic (not group D)		0/1	Culture	
<i>Streptococcus pneumoniae</i>		0/1	Culture	
Parasites		Positive/Tested	Test Method	
Ectoparasites		0/1	Microscopy	
Endoparasites		0/1	Microscopy	
Pathological Lesions		Positive/Tested	Test Method	
External		0/1	Pathology	
Necropsy		0/1	Pathology	

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Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Conventional box 3A	375M (FELASA)

Viruses	Positive/Tested	Test Method
Ectromelia virus	0/1	Bead
Lymphocytic choriomeningitis virus	0/1	Bead
Minute virus of mice	0/1	Bead
Mouse adenovirus type 1 (MAd FL)	0/1	Bead
Mouse adenovirus type 2 (MAd K87)	0/1	Bead
Mouse hepatitis virus	0/1	Bead
<b>Mouse Norovirus</b>	<b>1/1</b>	<b>Bead</b>
Mouse parvovirus	0/1	Bead
Mouse rotavirus (EDIM)	0/1	Bead
Pneumonia virus of mice	0/1	Bead
Reovirus type 3 (Reo 3)	0/1	Bead
Sendai virus	0/1	Bead
Theiler's murine encephalomyelitis virus	0/1	Bead

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
<i>Citrobacter rodentium</i>	0/1	Culture
<i>Clostridium piliforme</i>	0/1	Bead
<i>Corynebacterium kutscheri</i>	0/1	Culture
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	Bead
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	0/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Conventional box 3B	375M (FELASA)

Viruses	Positive/Tested	Test Method
Ectromelia virus	0/1	Bead
Lymphocytic choriomeningitis virus	0/1	Bead
Minute virus of mice	0/1	Bead
Mouse adenovirus type 1 (MAd FL)	0/1	Bead
Mouse adenovirus type 2 (MAd K87)	0/1	Bead
Mouse hepatitis virus	0/1	Bead
Mouse Norovirus	0/1	Bead
Mouse parvovirus	0/1	Bead
Mouse rotavirus (EDIM)	0/1	Bead
Pneumonia virus of mice	0/1	Bead
Reovirus type 3 (Reo 3)	0/1	Bead
Sendai virus	0/1	Bead
Theiler's murine encephalomyelitis virus	0/1	Bead

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
<i>Citrobacter rodentium</i>	0/1	Culture
<i>Clostridium piliforme</i>	0/1	Bead
<i>Corynebacterium kutscheri</i>	0/1	Culture
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	Bead
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	0/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Conventional box 4A	375M (FELASA)

Viruses	Positive/Tested	Test Method
Ectromelia virus	0/1	Bead
Lymphocytic choriomeningitis virus	0/1	Bead
Minute virus of mice	0/1	Bead
Mouse adenovirus type 1 (MAAd FL)	0/1	Bead
Mouse adenovirus type 2 (MAAd K87)	0/1	Bead
Mouse hepatitis virus	0/1	Bead
<b>Mouse Norovirus</b>	<b>1/1</b>	<b>Bead</b>
Mouse parvovirus	0/1	Bead
Mouse rotavirus (EDIM)	0/1	Bead
Pneumonia virus of mice	0/1	Bead
Reovirus type 3 (Reo 3)	0/1	Bead
Sendai virus	0/1	Bead
Theiler's murine encephalomyelitis virus	0/1	Bead

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
<i>Citrobacter rodentium</i>	0/1	Culture
<i>Clostridium piliforme</i>	0/1	Bead
<i>Corynebacterium kutscheri</i>	0/1	Culture
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	Bead
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	1/1	Microscopy
<i>Entamoeba sp</i>	1/1	Microscopy
<i>Tritrichomonas sp</i>	1/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

## Report Reference: 14-1926

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Results are controlled through a secure LIMS and released on the approval of the Laboratory Services Manager.

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Conventional box 4B	375M (FELASA)

Viruses	Positive/Tested	Test Method
Ectromelia virus	0/1	Bead
Lymphocytic choriomeningitis virus	0/1	Bead
Minute virus of mice	0/1	Bead
Mouse adenovirus type 1 (MAd FL)	0/1	Bead
Mouse adenovirus type 2 (MAd K87)	0/1	Bead
Mouse hepatitis virus	0/1	Bead
<b>Mouse Norovirus</b>	<b>1/1</b>	<b>Bead</b>
Mouse parvovirus	0/1	Bead
Mouse rotavirus (EDIM)	0/1	Bead
Pneumonia virus of mice	0/1	Bead
Reovirus type 3 (Reo 3)	0/1	Bead
Sendai virus	0/1	Bead
Theiler's murine encephalomyelitis virus	0/1	Bead

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
<i>Citrobacter rodentium</i>	0/1	Culture
<i>Clostridium piliforme</i>	0/1	Bead
<i>Corynebacterium kutscheri</i>	0/1	Culture
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	Bead
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	0/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Conventional box 5A	375M (FELASA)

Viruses	Positive/Tested	Test Method
Ectromelia virus	0/1	Bead
Lymphocytic choriomeningitis virus	0/1	Bead
Minute virus of mice	0/1	Bead
Mouse adenovirus type 1 (MAd FL)	0/1	Bead
Mouse adenovirus type 2 (MAd K87)	0/1	Bead
Mouse hepatitis virus	0/1	Bead
<b>Mouse Norovirus</b>	<b>1/1</b>	<b>Bead</b>
Mouse parvovirus	0/1	Bead
Mouse rotavirus (EDIM)	0/1	Bead
Pneumonia virus of mice	0/1	Bead
Reovirus type 3 (Reo 3)	0/1	Bead
Sendai virus	0/1	Bead
Theiler's murine encephalomyelitis virus	0/1	Bead

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
<i>Citrobacter rodentium</i>	0/1	Culture
<i>Clostridium piliforme</i>	0/1	Bead
<i>Corynebacterium kutscheri</i>	0/1	Culture
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	Bead
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	<b>1/1</b>	<b>Microscopy</b>
<i>Entamoeba sp</i>	1/1	Microscopy
<i>Tritrichomonas sp</i>	1/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Conventional box 5B	375M (FELASA)
Viruses		Positive/Tested	Test Method	
Ectromelia virus		0/1	Bead	
Lymphocytic choriomeningitis virus		0/1	Bead	
Minute virus of mice		0/1	Bead	
Mouse adenovirus type 1 (MAd FL)		0/1	Bead	
Mouse adenovirus type 2 (MAd K87)		0/1	Bead	
Mouse hepatitis virus		0/1	Bead	
<b>Mouse Norovirus</b>		<b>1/1</b>	<b>Bead</b>	
Mouse parvovirus		0/1	Bead	
Mouse rotavirus (EDIM)		0/1	Bead	
Pneumonia virus of mice		0/1	Bead	
Reovirus type 3 (Reo 3)		0/1	Bead	
Sendai virus		0/1	Bead	
Theiler's murine encephalomyelitis virus		0/1	Bead	
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Citrobacter rodentium</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	Bead	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma pulmonis</i>		0/1	Bead	
<i>Pasteurella pneumotropica</i>		0/1	Culture	
<i>Salmonella sp</i>		0/1	Culture	
<i>Streptobacillus moniliformis</i>		0/1	Culture	
Streptococci Beta-haemolytic (not group D)		0/1	Culture	
<i>Streptococcus pneumoniae</i>		0/1	Culture	
Parasites		Positive/Tested	Test Method	
Ectoparasites		0/1	Microscopy	
Endoparasites		0/1	Microscopy	
Pathological Lesions		Positive/Tested	Test Method	
External		0/1	Pathology	
Necropsy		0/1	Pathology	

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Conventional box 6A	375M (FELASA)
Viruses		Positive/Tested	Test Method	
Ectromelia virus		0/1	Bead	
Lymphocytic choriomeningitis virus		0/1	Bead	
Minute virus of mice		0/1	Bead	
Mouse adenovirus type 1 (MAd FL)		0/1	Bead	
Mouse adenovirus type 2 (MAd K87)		0/1	Bead	
Mouse hepatitis virus		0/1	Bead	
<b>Mouse Norovirus</b>		<b>1/1</b>	<b>Bead</b>	
Mouse parvovirus		0/1	Bead	
Mouse rotavirus (EDIM)		0/1	Bead	
Pneumonia virus of mice		0/1	Bead	
Reovirus type 3 (Reo 3)		0/1	Bead	
Sendai virus		0/1	Bead	
Theiler's murine encephalomyelitis virus		0/1	Bead	
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Citrobacter rodentium</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	Bead	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma pulmonis</i>		0/1	Bead	
<i>Pasteurella pneumotropica</i>		0/1	Culture	
<i>Salmonella sp</i>		0/1	Culture	
<i>Streptobacillus moniliformis</i>		0/1	Culture	
Streptococci Beta-haemolytic (not group D)		0/1	Culture	
<i>Streptococcus pneumoniae</i>		0/1	Culture	
Parasites		Positive/Tested	Test Method	
Ectoparasites		0/1	Microscopy	
Endoparasites		<b>1/1</b>	<b>Microscopy</b>	
<i>Entamoeba sp</i>		<b>1/1</b>	<b>Microscopy</b>	
Pathological Lesions		Positive/Tested	Test Method	
External		0/1	Pathology	
Necropsy		0/1	Pathology	

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Mouse	Universidad Miguel Hernandez	Sant Joan Conventional box 6B	375M (FELASA)

Viruses	Positive/Tested	Test Method
Ectromelia virus	0/1	Bead
Lymphocytic choriomeningitis virus	0/1	Bead
Minute virus of mice	0/1	Bead
Mouse adenovirus type 1 (MAd FL)	0/1	Bead
Mouse adenovirus type 2 (MAd K87)	0/1	Bead
Mouse hepatitis virus	0/1	Bead
<b>Mouse Norovirus</b>	<b>1/1</b>	<b>Bead</b>
Mouse parvovirus	0/1	Bead
Mouse rotavirus (EDIM)	0/1	Bead
Pneumonia virus of mice	0/1	Bead
Reovirus type 3 (Reo 3)	0/1	Bead
Sendai virus	0/1	Bead
Theiler's murine encephalomyelitis virus	0/1	Bead

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
<i>Citrobacter rodentium</i>	0/1	Culture
<i>Clostridium piliforme</i>	0/1	Bead
<i>Corynebacterium kutscheri</i>	0/1	Culture
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	Bead
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	0/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Rat	Universidad Miguel Hernandez	Sant Joan Barrier box 12	143R (FELASA)

Viruses	Positive/Tested	Test Method
Hantavirus	0/1	ELISA
Kilham rat virus	0/1	ELISA
Mouse adenovirus type 1 (MAd FL)	0/1	ELISA
Mouse adenovirus type 2 (MAd K87)	0/1	ELISA
Pneumonia virus of mice	0/1	ELISA
Rat Minute Virus	0/1	ELISA
Rat parvovirus	0/1	ELISA
Rat Theilovirus	0/1	ELISA
Reovirus type 3	0/1	ELISA
Sendai virus	0/1	ELISA
Sialodacryoadenitis virus	0/1	ELISA
Toolan's H-1	0/1	ELISA

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
CAR Bacillus	0/1	ELISA
<i>Clostridium piliforme</i>	0/1	ELISA
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	ELISA
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Pneumocystis spp</i>	0/1	PCR
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	0/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Rat	Universidad Miguel Hernandez	Sant Joan Conventional box 10	143R (FELASA)

Viruses	Positive/Tested	Test Method
Hantavirus	0/1	ELISA
Kilham rat virus	0/1	ELISA
Mouse adenovirus type 1 (MAd FL)	0/1	ELISA
Mouse adenovirus type 2 (MAd K87)	0/1	ELISA
Pneumonia virus of mice	0/1	ELISA
Rat Minute Virus	0/1	ELISA
Rat parvovirus	0/1	ELISA
Rat Theilovirus	0/1	ELISA
Reovirus type 3	0/1	ELISA
Sendai virus	0/1	ELISA
Sialodacryoadenitis virus	0/1	ELISA
Toolan's H-1	0/1	ELISA

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
CAR Bacillus	0/1	ELISA
<i>Clostridium piliforme</i>	0/1	ELISA
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	ELISA
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Pneumocystis spp</i>	0/1	PCR
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	0/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Rat	Universidad Miguel Hernandez	Sant Joan Conventional box 11	143R (FELASA)

Viruses	Positive/Tested	Test Method
Hantavirus	0/1	ELISA
Kilham rat virus	0/1	ELISA
Mouse adenovirus type 1 (MAd FL)	0/1	ELISA
Mouse adenovirus type 2 (MAd K87)	0/1	ELISA
Pneumonia virus of mice	0/1	ELISA
Rat Minute Virus	0/1	ELISA
Rat parvovirus	0/1	ELISA
Rat Theilovirus	0/1	ELISA
Reovirus type 3	0/1	ELISA
Sendai virus	0/1	ELISA
Sialodacryoadenitis virus	0/1	ELISA
Toolan's H-1	0/1	ELISA

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
CAR Bacillus	0/1	ELISA
<i>Clostridium piliforme</i>	0/1	ELISA
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	ELISA
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Pneumocystis spp</i>	0/1	PCR
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	0/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Rat	Universidad Miguel Hernandez	Sant Joan Conventional box 8	143R (FELASA)
Viruses		Positive/Tested	Test Method	
Hantavirus		0/1	ELISA	
Kilham rat virus		0/1	ELISA	
Mouse adenovirus type 1 (MAd FL)		0/1	ELISA	
Mouse adenovirus type 2 (MAd K87)		0/1	ELISA	
Pneumonia virus of mice		0/1	ELISA	
Rat Minute Virus		0/1	ELISA	
Rat parvovirus		0/1	ELISA	
Rat Theilovirus		0/1	ELISA	
Reovirus type 3		0/1	ELISA	
Sendai virus		0/1	ELISA	
Sialodacryoadenitis virus		0/1	ELISA	
Toolan's H-1		0/1	ELISA	
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
CAR Bacillus		0/1	ELISA	
<i>Clostridium piliforme</i>		0/1	ELISA	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma pulmonis</i>		0/1	ELISA	
<i>Pasteurella pneumotropica</i>		0/1	Culture	
<i>Pneumocystis spp</i>		0/1	PCR	
<i>Salmonella sp</i>		0/1	Culture	
<i>Streptobacillus moniliformis</i>		0/1	Culture	
Streptococci Beta-haemolytic (not group D)		0/1	Culture	
<i>Streptococcus pneumoniae</i>		0/1	Culture	
Parasites		Positive/Tested	Test Method	
Ectoparasites		0/1	Microscopy	
Endoparasites		1/1	Microscopy	
<i>Syphacia obvelata</i>		1/1	Microscopy	
Pathological Lesions		Positive/Tested	Test Method	
External		0/1	Pathology	
Necropsy		0/1	Pathology	

## Report Reference: 14-1926

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
31 July 14	Rat	Universidad Miguel Hernandez	Sant Joan Conventional box 9	143R (FELASA)

Viruses	Positive/Tested	Test Method
Hantavirus	0/1	ELISA
Kilham rat virus	0/1	ELISA
Mouse adenovirus type 1 (MAd FL)	0/1	ELISA
Mouse adenovirus type 2 (MAd K87)	0/1	ELISA
Pneumonia virus of mice	0/1	ELISA
Rat Minute Virus	0/1	ELISA
Rat parvovirus	0/1	ELISA
Rat Theilovirus	0/1	ELISA
Reovirus type 3	0/1	ELISA
Sendai virus	0/1	ELISA
Sialodacryoadenitis virus	0/1	ELISA
Toolan's H-1	0/1	ELISA

Bacteria, Mycoplasma and Fungi	Positive/Tested	Test Method
CAR Bacillus	0/1	ELISA
<i>Clostridium piliforme</i>	0/1	ELISA
<i>Helicobacter spp</i>	0/1	PCR
<i>Mycoplasma pulmonis</i>	0/1	ELISA
<i>Pasteurella pneumotropica</i>	0/1	Culture
<i>Pneumocystis spp</i>	0/1	PCR
<i>Salmonella sp</i>	0/1	Culture
<i>Streptobacillus moniliformis</i>	0/1	Culture
Streptococci Beta-haemolytic (not group D)	0/1	Culture
<i>Streptococcus pneumoniae</i>	0/1	Culture

Parasites	Positive/Tested	Test Method
Ectoparasites	0/1	Microscopy
Endoparasites	0/1	Microscopy

Pathological Lesions	Positive/Tested	Test Method
External	0/1	Pathology
Necropsy	0/1	Pathology

## Report Reference: 14-1926

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Dear customer

We are happy to acknowledge that the Harlan Health Monitoring program for standard laboratory animals and customer health monitoring (HM) reports is based on the new FELASA 2014 recommendations and for some organisms is exceeding the published requirements.

Please take note on the following for mice and rats:

The test for *Pasteurella* spp. includes the following species:

- *Pasteurella pneumotropica*
- *Pasteurella multocida*

The test for *Helicobacter* spp. includes the differentiation into the following species:

- *Helicobacter bilis*
- *Helicobacter hepaticus*
- *Helicobacter rodentium*
- *Helicobacter typhlonius*

The test for *Mycoplasma* spp. includes the species:

- *Mycoplasma pulmonis*

The test for *Pneumocystis* spp. (for mice only requested as “additional agent”) includes the differentiation into the following species:

- *Pneumocystis murina*
- *Pneumocystis carinii*

**In case of any questions about our HM reports or testing methods, please contact:**

**In UK: Technical Services +44 (0) 1530 222123 ext 52607**

**In EU: Veterinary Sciences, Research and Support +31 (0)478 578 340**

