



# Final Health Monitoring Report

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Universidad Miguel Hernandez  
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Avda. de la cadena S/N  
San Joan  
Alicante, 03550

## Order Number

20130325

## Report Reference

13-3540

## Samples Received

March 27, 2013

## Report Date

April 09, 2013

Quantity	Sample Details	Species	Profile	Sample Type
1	RRCC10 - DH	Guinea Pig	19G	Live Animal
1	AF-3 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	AN-2 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	EF-1 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	ER-1 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RMP-1 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCC1 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCC2 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCC3 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCC4 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCC5 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCL2(FV) - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCL2(SMJ) - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCL2(SMP) - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCL3(RF) - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCL3(SEA) - ICR	Mouse	67M (52M+MNV)	Live Animal
1	SEA-4 - ICR	Mouse	67M (52M+MNV)	Live Animal
1	RRCC7 - WISTAR	Rat	39R	Live Animal
1	RRCC8 - WISTAR	Rat	39R	Live Animal
1	RRCL4 - WISTAR	Rat	39R	Live Animal

### RRCC10 - 19G

Sample negative for the agents tested

### AF-3 - 67M

Sample positive for *Mouse Norovirus*

Sample positive for *Tritrichomonas sp*

### AN-2 - 67M

Sample negative for the agents tested

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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

## EF-1 - 67M

Sample negative for the agents tested

## ER-1 - 67M

Sample positive for *Tritrichomonas sp*

## RMP-1 - 67M

Sample negative for the agents tested

## RRCC1 - 67M

Sample positive for *Entamoeba sp*

Sample positive for *Tritrichomonas sp*

## RRCC2 - 67M

Sample positive for *Mouse Norovirus*

Sample positive for *Helicobacter hepaticus*

Sample positive for *Helicobacter rodentium*

## RRCC3 - 67M

Sample positive for *Mouse Norovirus*

## RRCC4 - 67M

Sample positive for *Mouse Norovirus*

## RRCC5 - 67M

Sample positive for *Mouse Norovirus*

Sample positive for *Entamoeba sp*

Sample positive for *Spironucleus sp*

## RRCL2(FV) - 67M

Sample negative for the agents tested

## RRCL2(SMJ) - 67M

Sample positive for *Mouse hepatitis virus*

Sample positive for *Entamoeba sp*

## RRCL2(SMP) - 67M

Sample positive for *Mouse hepatitis virus*

Sample positive for *Mouse Norovirus*

Sample positive for *Entamoeba sp*

## RRCL3(RF) - 67M

Sample negative for the agents tested

## RRCL3(SEA) - 67M

Sample negative for the agents tested

## SEA-4 - 67M

Sample negative for the agents tested

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RRCC7 - 39R

Sample negative for the agents tested

RRCC8 - 39R

Sample positive for *Entamoeba sp*

RRCL4 - 39R

Sample negative for the agents tested

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Test Date	Species	Submitter	Area	Profile
27 March 13	Guinea Pig	Universidad Miguel Hernandez	RRCC10	19G
Viruses		Positive/Tested	Test Method	
Guinea Pig Adenovirus		0/1	ELISA	
Guinea pig cytomegalovirus		0/1	IFA	
Sendai virus		0/1	ELISA	
Bacteria, Mycoplasma and Fungi		Positive/Tested	Test Method	
<i>Bordetella bronchiseptica</i>		0/1	Culture	
<i>Chlamydia psittaci</i>		0/1	IFA	
<i>Clostridium piliforme</i>		0/1	ELISA	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
Dermatophytes		0/1	Culture	
<i>Pasteurella spp</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	
<i>Yersinia pseudotuberculosis</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
27 March 13	Mouse	Universidad Miguel Hernandez	AF-3	67M (52M+MNV)
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 cytomegalovirus		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 spp</i>		0/1	Bead	
<i>Pasteurella spp</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	<b>Microscopy</b>	
<i>Tritrichomonas sp</i>		1/1	<b>Microscopy</b>	
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
27 March 13	Mouse	Universidad Miguel Hernandez	AN-2	67M (52M+MNV)

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 cytomegalovirus	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 spp</i>	0/1	Bead
<i>Pasteurella spp</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
27 March 13	Mouse	Universidad Miguel Hernandez	EF-1	67M (52M+MNV)

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 cytomegalovirus	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 spp</i>	0/1	Bead
<i>Pasteurella spp</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
27 March 13	Mouse	Universidad Miguel Hernandez	ER-1	67M (52M+MNV)
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 cytomegalovirus		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 spp</i>		0/1	Bead	
<i>Pasteurella spp</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	<b>Microscopy</b>	
<i>Tritrichomonas sp</i>		1/1	<b>Microscopy</b>	
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
27 March 13	Mouse	Universidad Miguel Hernandez	RMP-1	67M (52M+MNV)
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 cytomegalovirus	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 spp</i>	0/1	Bead		
<i>Pasteurella spp</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
27 March 13	Mouse	Universidad Miguel Hernandez	RRCC1	67M (52M+MNV)

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 cytomegalovirus	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 spp</i>	0/1	Bead
<i>Pasteurella spp</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	<b>Microscopy</b>
<i>Entamoeba sp</i>	1/1	<b>Microscopy</b>
<i>Tritrichomonas sp</i>	1/1	<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
27 March 13	Mouse	Universidad Miguel Hernandez	RRCC2	67M (52M+MNV)

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 cytomegalovirus	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
<b><i>Helicobacter spp</i></b>	<b>1/1</b>	<b>PCR</b>
<i>Helicobacter hepaticus</i>	1/1	PCR
<i>Helicobacter rodentium</i>	1/1	PCR
<i>Mycoplasma spp</i>	0/1	Bead
<i>Pasteurella spp</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
27 March 13	Mouse	Universidad Miguel Hernandez	RRCC3	67M (52M+MNV)
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 cytomegalovirus	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 spp</i>	0/1	Bead		
<i>Pasteurella spp</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
27 March 13	Mouse	Universidad Miguel Hernandez	RRCC4	67M (52M+MNV)
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 cytomegalovirus	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 spp</i>	0/1	Bead		
<i>Pasteurella spp</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: 13-3540

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
27 March 13	Mouse	Universidad Miguel Hernandez	RRCC5	67M (52M+MNV)

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 cytomegalovirus	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 spp</i>	0/1	Bead
<i>Pasteurella spp</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	<b>Microscopy</b>
<i>Entamoeba sp</i>	1/1	<b>Microscopy</b>
<i>Spiroplasma sp</i>	1/1	<b>Microscopy</b>

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

## Report Reference: 13-3540

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
27 March 13	Mouse	Universidad Miguel Hernandez	RRCL2(FV)	67M (52M+MNV)
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 cytomegalovirus	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 spp</i>	0/1	Bead		
<i>Pasteurella spp</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: 13-3540

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
27 March 13	Mouse	Universidad Miguel Hernandez	RRCL2(SMJ)	67M (52M+MNV)

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 cytomegalovirus	0/1	Bead
<b>Mouse hepatitis virus</b>	<b>1/1</b>	<b>Bead</b>
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 spp</i>	0/1	Bead
<i>Pasteurella spp</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	<b>Microscopy</b>
<i>Entamoeba sp</i>	1/1	<b>Microscopy</b>

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
27 March 13	Mouse	Universidad Miguel Hernandez	RRCL2(SMP)	67M (52M+MNV)
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 cytomegalovirus		0/1	Bead	
<b>Mouse hepatitis virus</b>		<b>1/1</b>	<b>Bead</b>	
<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 spp</i>		0/1	Bead	
<i>Pasteurella spp</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	<b>Microscopy</b>	
<i>Entamoeba sp</i>		1/1	<b>Microscopy</b>	
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
27 March 13	Mouse	Universidad Miguel Hernandez	RRCL3(RF)	67M (52M+MNV)
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 cytomegalovirus	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 spp</i>	0/1	Bead		
<i>Pasteurella spp</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
27 March 13	Mouse	Universidad Miguel Hernandez	RRCL3(SEA)	67M (52M+MNV)
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 cytomegalovirus		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 spp</i>		0/1	Bead	
<i>Pasteurella spp</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
27 March 13	Mouse	Universidad Miguel Hernandez	SEA-4	67M (52M+MNV)
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 cytomegalovirus	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 spp</i>	0/1	Bead		
<i>Pasteurella spp</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: 13-3540

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
27 March 13	Rat	Universidad Miguel Hernandez	RRCC7	39R
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 parvovirus		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	
<i>Bordetella bronchiseptica</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	ELISA	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma spp</i>		0/1	ELISA	
<i>Pasteurella spp</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: 13-3540

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
27 March 13	Rat	Universidad Miguel Hernandez	RRCC8	39R
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 parvovirus		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	
<i>Bordetella bronchiseptica</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	ELISA	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma spp</i>		0/1	ELISA	
<i>Pasteurella spp</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	<b>Microscopy</b>	
<i>Entamoeba sp</i>		1/1	<b>Microscopy</b>	
Pathological Lesions		Positive/Tested	Test Method	
External		0/1	Pathology	
Necropsy		0/1	Pathology	

## Report Reference: 13-3540

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# Final Health Monitoring Report

Test Date	Species	Submitter	Area	Profile
27 March 13	Rat	Universidad Miguel Hernandez	RRCL4	39R
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 parvovirus		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	
<i>Bordetella bronchiseptica</i>		0/1	Culture	
<i>Clostridium piliforme</i>		0/1	ELISA	
<i>Corynebacterium kutscheri</i>		0/1	Culture	
<i>Helicobacter spp</i>		0/1	PCR	
<i>Mycoplasma spp</i>		0/1	ELISA	
<i>Pasteurella spp</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: 13-3540

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