

## AS core 2012 動物例行健康監測

Date	Serial NO.	動物來源	Species	Specimen	Gender	Strain	Quantity	
2/8	#1	AS core	SPF動物房	Mouse	活體	Male	C57BL/6	1
	#2					Male	BALB/c	1
	#3					Female	NOD scid	1
	#4	生醫所	Dr.陳志成	Mouse	活體	Female	BALB/c	1
	#5		Dr.謝清河	Mouse	活體	Male	BALB/c	1
	#6		Dr.徐百川	Mouse	活體	Male	BALB/c	1
	#7	生化所	Dr.孟子青	Mouse	活體	Female	BALB/c	1
	#8		Dr.陳佩燁	Mouse	活體	Female	BALB/c	1
	#9-1	基因體中心	Dr.阮麗蓉	Mouse	活體	Female	BALB/c	1
	#9-2					Female	BALB/c	1
	#10	農生中心	Dr.梁佑全	Mouse	活體	Female	BALB/c	1
	#11	分生所	Dr.沈哲鯤	Mouse	活體	Male	BALB/c	1
	#12-1	細生所	Dr.廖欽峯	Mouse	活體	Male	BALB/c	1
	#12-2					Male	NOD scid	1
#13/#14	AS core	檢疫室	Mouse	活體	Female	BALB/c	2	
合計							16	
Date	Serial NO.	動物來源	Species	Specimen	Gender	Strain	Quantity	
5/28	101S2#01	生化所	Dr.陳宏文	Mouse	活體	Female	BALB/c	1
	101S2#02		Dr.孟子青	Mouse	活體	Female	BALB/c	1
	101S2#03	生醫所	Dr.謝清河	Mouse	活體	Female	BALB/c	1
	101S2#04					Female	BALB/c	1
	101S2#05					Male	BALB/c	1
	101S2#06					Female	BALB/c	1
	101S2#07					Male	BALB/c	1
	101S2#08	基因體中心	Dr.林國儀	Mouse	活體	Female	BALB/c	1
	101S2#09		Dr.阮麗蓉	Mouse	活體	Female	BALB/c	1
	101S2#10					Male	BALB/c	1
	101S2#11	細生所	Dr.廖欽峯	Mouse	活體	Male	BALB/c	1
	101S2#13					Female	BALB/c	1
	101S2#14	農生中心	Dr.梁佑全	Mouse	活體	Female	BALB/c	1
	101S2#15					Male	BALB/c	1
	101S2#16	AS core	SPF動物房	Mouse	活體	Male	BALB/c	1
	101S2#17					Male	C57BL/6	1
	101S2#18					Male	BALB/c	1
	101S2#19					QR動物房	Mouse	活體
	合計							18
Date	Serial NO.	動物來源	Species	Specimen	Gender	Strain	Quantity	
8/22	S3#01	生化所	Dr.陳宏文	Mouse	活體	Female	ICR	1
	S3#02		Dr.孟子青	Mouse	活體	Female	BALB/c	1
	S3#03	生醫所	Dr.趙麗洋	Mouse	活體	Female	ICR	1
	S3#04		Dr.謝清河			Female	BALB/c	1
	S3#05		Dr.徐百川			Female	BALB/c	1
	S3#06		Dr.施嘉和			Female	ICR	1
	S3#07		Dr.劉扶東			Female	BALB/c	1
	S3#08	基因體中心	Dr.阮麗蓉	Mouse	活體(原族群)	Male	N/A	1
	S3#09					Male	BALB/c	1
	S3#10	生醫所	Dr.廖楓	Mouse	活體	Female	ICR	1
	S3#11	基因體中心	Dr.林國儀	Mouse	活體	Female	ICR	1
	S3#12	生醫所	Dr.杜邦憲	Mouse	活體	Male	BALB/c	1
	S3#13	農生中心	Dr.梁佑全	Mouse	活體	Male	BALB/c	1
	S3#14	分生所	Dr.沈哲鯤	Mouse	活體	Female	BALB/c	1
	S3#15	AS core	SPF動物房	Mouse	活體	Male	BALB/c	1
	S3#16					Male	BALB/c	1
	S3#17					QR動物房	Male	ICR
	S3#18	細生所	Dr.廖欽峯	Mouse	活體	Male	BALB/c	1
	S3#19					Male	BALB/c	1
	S3#20					Male	BALB/c	1
合計							20	

Date	Serial NO.	動物來源	Species	Specimen	Gender	Strain	Quantity	
11/19	S4#01	生化所	Dr.陳宏文	Mouse	活體	Female	ICR	1
	S4#02		Dr.孟子青	Mouse	活體	Female	ICR	1
	S4#03					Female	ICR	1
	S4#04	生醫所	Dr.趙麗洋	Mouse	活體	Female	ICR	1
	S4#05		Dr.廖楓	Mouse	活體	Female	ICR	1
	S4#06		Dr.謝清河	Mouse	活體	Female	ICR	1
	S4#07		Dr.徐百川	Mouse	活體	Female	ICR	1
	S4#08		Dr.施嘉和	Mouse	活體	Female	ICR	1
	S4#09					Female	ICR	1
	S4#10					Female	ICR	1
	S4#11	基因體中心	Dr.阮麗蓉	Mouse	活體	Female	ICR	1
	S4#12					Female	ICR	1
	S4#13	細生所	Dr.廖欽峯	Mouse	活體	Female	ICR	1
	S4#14					Female	ICR	1
	S4#15					Female	ICR	1
	S4#16	基因體中心	Dr.林國儀	Mouse	活體	Female	ICR	1
	S4#17	農生中心	Dr.梁佑全	Mouse	活體	Female	ICR	1
	S4#18	分生所	Dr.沈哲鯤	Mouse	活體	Female	ICR	1
	S4#19					Female	ICR	1
	S4#20	AS core	SPF動物房	Mouse	活體	Female	ICR	1
	S4#21					Female	ICR	1
	S4#22					QR動物房	Female	ICR
合計							22	

	Item	Sample	Method
Serology	<i>Mycoplasma pulmonis</i>	Serum	ELISA
	Lymphocytic choriomeningitis virus		
	Pneumonia virus of mice		
	Sendai virus		
	Theiler's murine encephalomyelitis virus (TMEV, GD VII)		
	Ectromelia virus		
	Hantaan virus		
	Reovirus 3		
	Mouse adenovirus		
	Mouse hepatitis virus		
	Mouse parvovirus		
	Minute virus of mice		
	Epizootic diarrhea of infant mice virus		
	<i>Encephalitozoon cuniculi</i>		
	Murine norovirus		
Polyoma virus			
Microbiology	<i>Bordetella bronchiseptica</i>	Trachea	Culture
	<i>Corynebacterium kutscheri</i>		
	<i>Klebsiella pneumoniae</i>		
	<i>Pasteurella pneumotropica</i>		
	<i>Pseudomonas aeruginosa</i>		
	<i>Staphylococcus aureus</i>		
	<i>Streptococcus penumoniae</i>		
	<i>Klebsiella oxytoca</i>		
	<i>Streptococcus equi</i> subsp. <i>Zooepidemicus</i>		
	β-hemolytic <i>Streptococcus</i>		
Microbiology	<i>Citrobacter rodentium</i>	Intestine	Culture
	<i>Pseudomonas aeruginosa</i>		
	<i>Salmonella</i> spp.		
	<i>Klebsiella oxytoca</i>		
	<i>Klebsiella pneumoniae</i>		
	<i>Campylobacter jejuni</i>		
	<i>Clostridium piliforme</i>	Cecum	PCR
	<i>Pneumocystis murina</i>	Lung	
	<i>Helicobacter</i> spp.	Feces	
	Parasitology	Flea	Pelage
Louse			
Mite			
<i>Syphacia</i> spp.		Cellophane tape & Cecum	
<i>Aspiculuris tetraptera</i>		colon & Feces	
<i>Hymenolepis diminuta</i>		Intestine & Feces	
<i>Rodentolepis nana</i>			
<i>Spitronucleus</i> spp.		Duodenum & Feces	
<i>Giardia</i> spp.			
<i>Chilomastix</i> spp.		Cecum & Feces	
<i>Eimeria</i> spp.			
<i>Entamoeba</i> spp.			
<i>Hexamastix</i> spp.			
<i>Trichomonads</i>			
Necropsy, and Gross pathology	Lung, spleen, liver, kidney, stomach, pancreas, intestines, lympho nodes, reproductive tract, eyes, harderian gland, salivary gland, and brain		

檢測單位：國家實驗動物中心

## 2012 AS core 動物健康監測

分類	檢測項目	檢測結果	檢測結果	檢測結果	檢測結果		
		2/8	5/28	8/22	11/19		
血清學 檢測	ELISA 檢測結果	1	<i>Mycoplasma pulmonis</i>	0/16	0/18	0/20	0/22
		2	Lymphocytic choriomeningitis virus	0/16	0/18	0/20	0/22
		3	Pneumonia virus of mice	0/16	0/18	0/20	0/22
		4	Sendai virus	0/16	0/18	0/20	0/22
		5	Theiler's murine encephalomyelitis virus (TMEV, GD)	0/16	0/18	0/20	0/22
		6	Ectromelia virus	0/16	0/18	0/20	0/22
		7	Hantaan virus	0/16	0/18	0/20	0/22
		8	Reovirus 3	0/16	0/18	0/20	0/22
		9	Mouse adenovirus	0/16	0/18	0/20	0/22
		10	Mouse hepatitis virus	0/16	0/18	0/20	0/22
		11	Mouse parvovirus	0/16	0/18	0/20*	0/22
		12	Minute virus of mice	0/16	0/18	0/20	0/22
		13	Epizootic diarrhea of infant mice virus	0/16	0/18	0/20	0/22
		14	<i>Encephalitozoon cuniculi</i>	0/16	0/18	0/20	0/22
		15	Murine norovirus	0/16	0/18	0/20	0/22
		16	Polyoma virus	N/A	N/A	0/20	0/22
細菌學 分離 與 鑑定	呼吸道 病原	1	<i>Bordetella bronchiseptica</i>	0/16	0/18	0/20	0/22
		2	<i>Corynebacterium kutscheri</i>	0/16	0/18	0/20	0/22
		3	<i>Klebsiella pneumoniae</i>	0/16	0/18	0/20	0/22
		4	<i>Pasteurella pneumotropica</i>	0/16	0/18	0/20	0/22
		5	<i>Pseudomonas aeruginosa</i>	0/16	0/18	0/20	0/22
		6	<i>Staphylococcus aureus</i>	0/16	0/18	0(2)/20**	0/22
		7	<i>Streptococcus pneumoniae</i>	0/16	0/18	0/20	0/22
		8	<i>Klebsiella oxytoca</i>	0/16	0/18	0/20	0/22
		9	<i>Streptococcus equi</i> subsp. <i>Zooepidemicus</i>	0/16	0/18	0/20	0/22
		10	$\beta$ -hemolytic <i>Streptococcus</i>	0/16	0/18	0/20	0/22
	消化道 病原	11	<i>Citrobacter rodentium</i>	0/16	0/18	0/20	0/22
		12	<i>Pseudomonas aeruginosa</i>	0/16	0/18	0/20	0/22
		13	<i>Salmonella spp.</i>	0/16	0/18	0/20	0/22
		14	<i>Klebsiella oxytoca</i>	0/16	0/18	0/20	0/22
		15	<i>Klebsiella pneumoniae</i>	0/16	0/18	0/20	0/22
		16	<i>Campylobacter jejuni</i>	N/A	N/A	0/20	0/22
寄生蟲 檢測	外寄生蟲	1	Flea	0/16	0/18	0/20	0/22
		2	Louse	0/16	0/18	0/20	0/22
		3	Mite	0/16	0/18	0/20	0/22
	大小鼠蟻蟲	4	<i>Syphacia spp.</i>	0/16	0/18	0/20	0/22
	腸道蠕蟲	5	<i>Aspiculuris tetraptera</i>	0/16	0/18	0/20	0/22
		6	<i>Rodentolepis nana</i>	0/16	0/18	0/20	0/22
		7	<i>Hymenolepis diminuta</i>	0/16	0/18	0/20	0/22
	腸道原蟲	8	<i>Spitronucleus spp.</i>	0/16	0/18	0/20	0/22
		9	<i>Giardia spp.</i>	0/16	0/18	0/20	0/22
		10	<i>Chilomastix spp.</i>	0/16	0/18	0/20	0/22
		11	<i>Eimeria spp.</i>	0/16	0/18	0/20	0/22
		12	<i>Entamoeba spp.</i>	0/16	0/18	0/20	0/22
		13	<i>Hexamastix spp.</i>	0/16	0/18	0/20	0/22
		14	<i>Trichomonads</i>	0/16	0/18	0/20	0/22
PCR 檢測	Cecum	1	<i>Clostridium piliforme</i>	0/16	0/18	0/20	0/22
	Trachea	2	<i>Mycoplasma pulmonis</i>	0/16	0/18	0/20***	0/22***
	Lung	3	<i>Pneumocystis murina</i>	0/16	0/18	0/20	0/22
	Feces	4	<i>Helicobacter spp.</i>	0/16	0/18	0/20	0/22
剖檢及 肉眼 病理學 檢查	Lung, spleen, liver, kidney, stomach, pancreas, intestines, lympho nodes, reproductive tract, eyes, hardierian gland, salivary gland, and brain			NSF (Non Specific Founding)	Refer to the attachment	Refer to the attachment	NSF (Non Specific Founding)

**檢測說明** 1. 檢測單位：國家實驗動物中心 2. 檢測結果：陽性檢體數/ 總檢體數。「0」表示未檢測出此病原。

\*S3#08小鼠經IFA確診為Mouse parvovirus陰性。

\*\*兩隻user小鼠因健康狀態異常，一併進行檢疫，發現有Staphylococcus infection。已將該群小鼠全面犧牲，經兩季健康監測進一步確認並無擴散情形。

\*\*\*採用ELISA檢測結果為依據。