

실험번호: H24012-1(NOQ)



실험 결과 보고서

2024 (주) 코아텍 실험동물의 미생물학적 모니터링

확인	수행자		실험책임자		팀장		센터장[代]	
	2024. 02. 20.		2024. 02. 20.		2024. 02. 20.		2024. 02. 20.	
	정의숙	정의숙	정의숙	정의숙	정의숙	정의숙	김동규	김동규
	성민지	성민지						
	홍혜림	홍혜림						
	오세경	오세경						
	박금이	박금이						
	김진운	김진운						

2024년 02월 20일

대구경북첨단의료산업진흥재단 전임상센터



Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-1	NOG C-barrier ISO No. NOG-1	IQI C-barrier ISO No. NOG-2	NOG C-barrier ISO No. NOG-2
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-3	NOG C-barrier ISO No. NOG-3	IQI C-barrier ISO No. NOG-4	NOG C-barrier ISO No. NOG-4
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain			
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat			
Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-5	NOG C-barrier ISO No. NOG-5	IQI C-barrier ISO No. NOG-6	NOG C-barrier ISO No. NOG-6	
VIRUSES							
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT	
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT	
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT	
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT	
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT	
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT	
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT	
Theiler’s murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT	
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT	
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT	
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT	
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT	
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT	
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT	
BACTERIA & MYCOPLASMA & FUNGI							
Citrobacter rodentium	Intestine	Culture	0/1	0/1	0/1	0/1	
Clostridium piliforme (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT	
Corynebacterium kutscheri	Trachea	Culture	0/1	0/1	0/1	0/1	
Corynebacterium bovis	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1	
Mycoplasma pulmonis	Serum	ELISA	0/1	NT	0/1	NT	
Mycoplasma pulmonis	Trachea & lung	Culture	0/1	0/1	0/1	0/1	
Rodentibacter spp. (R. pneumotropicus, R. heylii)	Trachea	Culture	0/1	0/1	0/1	0/1	
Salmonella spp.	Intestine	Culture	0/1	0/1	0/1	0/1	
Helicobacter hepaticus	Intestine or feces	PCR	0/1	0/1	0/1	0/1	
Helicobacter bilis	Intestine or feces	PCR	0/1	0/1	0/1	0/1	
Helicobacter typhlonius	Intestine or feces	PCR	0/1	0/1	0/1	0/1	
Pseudomonas aeruginosa	Intestine	Culture	0/1	0/1	0/1	0/1	
Filobacterium rodentium	Serum	ELISA	0/1	NT	0/1	NT	
Pneumocystis murina	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1	
Staphylococcus aureus	Intestine	Culture	0/1	0/1	0/1	0/1	
Streptococcus pneumoniae	Trachea	Culture	0/1	0/1	0/1	0/1	
Bordetella bronchiseptica	Trachea	Culture	0/1	0/1	0/1	0/1	
Klebsiella pneumoniae	Trachea	Culture	0/1	0/1	0/1	0/1	
Klebsiella oxytoca	Trachea	Culture	0/1	0/1	0/1	0/1	
Streptobacillus moniliformis	Trachea	Culture or PCR	0/1	0/1	0/1	0/1	
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1	
PARASITES & PROTOZOA							
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1	
Endoparasites (Syphacia spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1	
Protozoa (Giardia, Spironucleus, Trichomonads)	Intestine	Micro	0/1	0/1	0/1	0/1	
Encephalitozoon cuniculi	Serum	ELISA	0/1	NT	0/1	NT	

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heylii*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-7	NOG C-barrier ISO No. NOG-7	IQI C-barrier ISO No. NOG-8	NOG C-barrier ISO No. NOG-8
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
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(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-9	NOG C-barrier ISO No. NOG-9	IQI C-barrier ISO No. NOG-10	NOG C-barrier ISO No. NOG-10
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-11	NOG C-barrier ISO No. NOG-11	IQI C-barrier ISO No. NOG-12	NOG C-barrier ISO No. NOG-12
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-13	NOG C-barrier ISO No. NOG-13	IQI C-barrier ISO No. NOG-14	NOG C-barrier ISO No. NOG-14
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-15	NOG C-barrier ISO No. NOG-15	IQI C-barrier ISO No. NOG-16	NOG C-barrier ISO No. NOG-16
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-17	NOG C-barrier ISO No. NOG-17	IQI C-barrier ISO No. NOG-18	NOG C-barrier ISO No. NOG-18
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-19	NOG C-barrier ISO No. NOG-19	IQI C-barrier ISO No. NOG-20	NOG C-barrier ISO No. NOG-20
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

Contributor	Date of Request	Date of Report	Species	Strain
(주) 코아텍	2024. 01. 29.	2024. 02. 20.	Mouse	IQI: IQI/Jic NOG: NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Sug} /JicKoat

Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-21	NOG C-barrier ISO No. NOG-21	IQI C-barrier ISO No. NOG-22	NOG C-barrier ISO No. NOG-22
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	NT
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	NT
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	NT
Hantavirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	NT
Mouse adenovirus (MAV)	Serum	ELISA	0/1	NT	0/1	NT
Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	NT
Pneumonia virus of mice (PVM)	Serum	ELISA	0/1	NT	0/1	NT
Reovirus 3 (REO 3)	Serum	ELISA	0/1	NT	0/1	NT
Mouse rotavirus (EDIM)	Serum	ELISA	0/1	NT	0/1	NT
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/1	NT	0/1	NT
Murine norovirus	Serum	ELISA	0/1	NT	0/1	NT
Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	NT
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	NT
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	NT
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
Dermatophytes	Fur & skin	Culture	0/1	0/1	0/1	0/1
PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
Endoparasites (<i>Syphacia</i> spp.)	Intestine	Visual & Micro	0/1	0/1	0/1	0/1
Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	NT

※ Note: Mouse encephalomyelitis virus (GDVII) > Theiler's murine encephalomyelitis virus (TMEV),
Pasteurella pneumotropica > *Rodentibacter* spp. (*R. pneumotropicus*, *R. heyliei*),
 CAR bacillus > *Filobacterium rodentium*

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Organism	Sample Tested	Test Method	IQI C-barrier ISO No. NOG-23	NOG C-barrier ISO No. NOG-23	IQI C-Barrier ISO No. IQI-1	IQI C-Barrier ISO No. IQI-2
VIRUSES						
Ectromelia virus (Mouse pox)	Serum	ELISA	0/1	NT	0/1	0/1
Lymphocytic choriomeningitis virus (LCMV)	Serum	ELISA	0/1	NT	0/1	0/1
Mouse hepatitis virus (MHV)	Serum	ELISA	0/1	NT	0/1	0/1
Sendai virus (HVJ)	Serum	ELISA	0/1	NT	0/1	0/1
Hantavirus	Serum	ELISA	0/1	NT	0/1	0/1
Mouse minute virus (MMV)	Serum	ELISA	0/1	NT	0/1	0/1
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Theiler's murine encephalomyelitis virus (TMEV)	Serum	ELISA	0/1	NT	0/1	0/1
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Mouse parvovirus	Serum	ELISA	0/1	NT	0/1	0/1
BACTERIA & MYCOPLASMA & FUNGI						
<i>Citrobacter rodentium</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Clostridium piliforme</i> (Tyzzer's disease)	Serum	ELISA	0/1	NT	0/1	0/1
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Corynebacterium bovis</i>	Skin & lung	Culture or PCR	0/1	0/1	0/1	0/1
<i>Mycoplasma pulmonis</i>	Serum	ELISA	0/1	NT	0/1	0/1
<i>Mycoplasma pulmonis</i>	Trachea & lung	Culture	0/1	0/1	0/1	0/1
<i>Rodentibacter</i> spp. (<i>R. pneumotropicus</i> , <i>R. heyliei</i>)	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Salmonella</i> spp.	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Helicobacter hepaticus</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter bilis</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Helicobacter typhlonius</i>	Intestine or feces	PCR	0/1	0/1	0/1	0/1
<i>Pseudomonas aeruginosa</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Filobacterium rodentium</i>	Serum	ELISA	0/1	NT	0/1	0/1
<i>Pneumocystis murina</i>	Serum or lung	ELISA or PCR	0/1	0/1	0/1	0/1
<i>Staphylococcus aureus</i>	Intestine	Culture	0/1	0/1	0/1	0/1
<i>Streptococcus pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella pneumoniae</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Klebsiella oxytoca</i>	Trachea	Culture	0/1	0/1	0/1	0/1
<i>Streptobacillus moniliformis</i>	Trachea	Culture or PCR	0/1	0/1	0/1	0/1
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PARASITES & PROTOZOA						
Ectoparasites	Fur	Visual	0/1	0/1	0/1	0/1
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Protozoa (<i>Giardia</i> , <i>Spironucleus</i> , <i>Trichomonads</i>)	Intestine	Micro	0/1	0/1	0/1	0/1
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/1	NT	0/1	0/1

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