

# Laboratory Animal Health Monitoring Diagnostic and Vaccine Research Products

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*ELISA Reagents (Plates & Controls)*

*Multiplex ELISA Reagents*

*IFA Slides & Reagents*

*PCR Controls*

*Antigens*

*Vaccine Research Kits*

# Summary

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XpressBio manufactures and markets molecular and immunological products and services to the bioscience research community. Our customers are some of the leading pharmaceutical, biotechnology, government, and academic organizations around the world.

We manufacture ELISA reagents for antibody detection in Laboratory animals. Our health monitoring panel include all of the common pathogens such as MHV, TMEV, PVM, Sendai, EDIM, and MAD. We also manufacture unique reagents such as Native MPV, Native RPV, Pasteurella, and Helicobacter. Our customizable Multiplex ELISA microplates are totally unique in the industry, and provide up to 9 different results from one well.

We have recently added IFA slides and reagents for the Health Monitoring of Laboratory Animals. We also manufacture Antigens and PCR control products, as well as research HIV & HCV products and vaccines research kits.

We are a company that is committed to satisfying our customers by providing high quality products and services matched by superb customer services.

Our research capabilities and extensive experience allow XpressBio to continuously expand its product portfolio through responding to the needs of clients for a customized solution. Partnering with clients in this manner allows us to customize assays for client needs while simultaneously increasing our product offering.

Storage and shipment of Laboratory animal health monitoring products:

- Respectively +4°C and Room Temperature for ELISA reagents and IFA controls.
- -70°C for both storage and shipment for Antigens, IFA slides and PCR controls.

Infectious Agent / Disease	ELISA						IFA	PCR	Ag
	M O U S E	R A T	G U I N E A P I G	H A M S T E R	R A B B I T	N H P			
Adenovirus FL	√	√	√				√	√	√
Adenovirus K87	√	√	√				√	√	√
Astrovirus	√								
<i>Bordetella bronchiseptica</i>	√	√						√	√
<i>Bordetella hinzii</i>	√							√	√
Chagas Disease						√			√
Chikungunya						√			
<i>Chlamydia psittaci</i>			√						
Cilia-Associated Respiratory Bacillus (CARB)	√	√			√			√	√
<i>Clostridium piliformis</i> (Tyzzer's disease)	√	√	√	√	√			√	√
Coronavirus (SARS-CoV-2)	√					√			√
<i>Corynebacterium kutscheri</i>	√	√						√	√
Cytomegalovirus (CMV) (Murine)	√							√	√
Cytomegalovirus (CMV) (Guinea Pig)			√				√	√	√
Cytomegalovirus (CMV) (Simian)						√			√
Dengue						√			√
Ectromelia Virus (Mousepox)	√						√	√	√
<i>Encephalitozoon cuniculi</i> ( <i>E. cun</i> )	√	√	√	√	√			√	√
Epizootic Diarrhea of Infant Mice (EDIM)	√						√		√
Filovirus						√			
Foamy virus (SFV)						√			√
Hanta Virus	√	√					√		√
<i>Helicobacter hepaticus</i>	√	√						√	√
<i>Helicobacter muridarum</i>								√	
<i>Helicobacter rodentium</i>								√	
<i>Helicobacter typhlonius</i>								√	
<i>Helicobacter pylori</i>									√
Herpes virus 1						√			√
Herpes virus 2						√			√
Influenza A Caledonia Antigen									√
Influenza A Wellington Antigen									√
Influenza B Jiangsu Antigen									√
Influenza New York Strain Antigen									√
Japanese Encephalitis Virus (JEV)						√			
K Virus (Pneumonitis)	√								√
Kilham Rat Virus (KRV)		√						√	√
KRV/H1		√					√		
Lactate dehydrogenase elevating virus (LDV/LDHV)	√								√
Lymphocytic Choriomeningitis Virus (LCMV)	√	√	√	√			√		√

Infectious Agent / Disease	ELISA						IFA	PCR	Ag
	M O U S E	R A T	G U I N E A P I G	H A M S T E R	R A B B I T	N H P			
<i>Malaria (Plasmodium spp)</i>						√			√
Measles						√			√
Minute Virus (Mouse)	√						√	√	√
Minute Virus (Rat)		√							√
Mouse Hepatitis Virus (MHV)	√						√	√	√
Mouse Kidney Parvovirus (MKPV)	√								
Mumps						√			√
Murine Norovirus (MNV)	√						√		√
<i>Mycoplasma arthritidis</i>	√	√						√	√
<i>Mycoplasma pulmonis</i>	√	√	√	√			√	√	√
Myxomatosis Virus					√		√		
Parainfluenza Virus		√	√				√	√	√
Parvovirus Native Antigen (Rat)		√					√	√	√
Parvovirus Native Antigen (Mouse)	√						√	√	√
Parvovirus (Mouse VP2 antigen)	√								√
Parvovirus NS1	√	√							
<i>Pasteurella haemolytica</i>	√	√						√	√
<i>Pasteurella multocida</i>	√	√			√			√	√
<i>Pasteurella pneumotropica</i>	√	√						√	√
<i>Pneumocystis carinii</i>		√			√			√	√
<i>Pneumocystis murina</i>	√							√	√
Pneumonia Virus (PVM)	√	√	√	√	√		√		√
Polyoma Virus	√							√	√
Polyoma Virus-2		√							
<i>Pseudomonas aeruginosa</i>								√	
Rabbit Haemorrhagic Disease Virus (RHDV)					√				
Rabbit Pox virus					√				
Rabbit Rotavirus					√				
Rabies						√			√
Rat Coronavirus / Sialodacryoadenitis Virus (RCV/SDA)		√					√	√	√
Reovirus type 1	√	√						√	√
Reovirus type 3	√	√	√	√			√	√	√
Respiratory Syncytial Virus (RSV)	√								
Retrovirus (SRV)						√			
Rubella						√			√
Saint Louis Encephalitis Virus						√			
Sendai Virus	√	√	√	√	√		√	√	√
Simian B-Virus						√			√
Simian Immunodeficiency virus (SIV)						√			√

Infectious Agent / Disease	ELISA					IFA	PCR	Ag
	M O U S E	R A T	G U I N E A P I G	H A M S T E R	R A B B I T			
Simian Immunodeficiency virus-1 p27 (SIV-1 p27)						√		
Simian Virus 5 (SV5)			√	√	√	√	√	√
<i>Streptobacillus moniliformis</i>	√	√					√	
SV40						√	√	√
Theiler's Murine Encephalomyelitis Virus (TMEV)	√	√				√		√
Toolan's H-1 Virus		√					√	√
<i>Toxoplasma gondii</i>					√	√		√
Varicella Zoster virus (VZV)						√		√
West Nile Virus (WNV)						√		√
Yellow Fever Virus (YFV)						√		
Zika Virus	√					√		

# Laboratory Animal Health Monitoring Diagnostic Products

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## *ELISA Reagents*

### *Multiplex ELISA Reagents*

## Laboratory Animal health monitoring ELISA Products

Infectious Agent / Disease	Reference	Product Description	Pack size
<b>Adenovirus</b>			
	595-320C	Adenovirus (FL) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-321C	Adenovirus (K87) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-495C	Adenovirus (FL/K87) ELISA Microplate <b>Mouse</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-322	Mouse Adenovirus (FL) Positive Control	1 ml
	595-323	Mouse Adenovirus (K87) Positive Control <b>Rat</b>	1 ml
	595-324	Rat Adenovirus (FL) Positive Control	1 ml
	595-325	Rat Adenovirus (K87) Positive Control <b>Guinea Pig</b>	1 ml
	595-213	Guinea Pig Adenovirus (FL/K87) Positive Control	1 ml
<b>Astrovirus</b>			
	595-990C	Mouse Astrovirus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-990	Mouse Astrovirus Positive Control	1 ml
<b>Bordetella bronchiseptica</b>			
<b>New</b>	595-475C	Bordetella bronchiseptica ELISA Microplate <b>Mouse</b>	48 Antigen Wells and 48 Control Antigen Wells
<b>New</b>	595-476	Mouse Bordetella bronchiseptica Positive Control <b>Rat</b>	1 ml
<b>New</b>	595-477	Rat Bordetella bronchiseptica Positive Control	1 ml
<b>Bordetella hinzii</b>			
	595-470C	Bordetella hinzii ELISA Microplate <b>Mouse</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-470	Mouse Bordetella hinzii Positive Control	1 ml
<b>Chagas Disease</b>			
	SP846C	Simian Chagas ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC846	Simian Chagas Positive Control	0,5ml
	SNC846	Simian Chagas Negative Control	0,5ml
<b>Chikungunya</b>			
	SP849C	Simian Chikungunya ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC849	Simian Chikungunya Positive Control	0,5ml
	SNC849	Simian Chikungunya Negative Control	0,5ml
<b>Chlamydia psittaci</b>			
<b>New</b>	595-163C	Chlamydia psittaci ELISA Microplate <b>Guinea Pig</b>	48 Antigen Wells and 48 Control Antigen Wells
<b>New</b>	595-162	Guinea Pig Chlamydia psittaci Positive Control	1 ml
<b>Cilia-Associated Respiratory Bacillus (CARB)</b>			
	595-502C	CARB ELISA Microplate <b>Mouse</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-503	Mouse CARB Positive Control <b>Rabbit</b>	1 ml
	595-619	Rabbit CARB Positive Control <b>Rat</b>	1 ml
	595-492	Rat CARB Positive Control	1 ml
<b>Clostridium piliformis (Tyzzer's disease)</b>			
	595-504C	Clostridium piliformis ELISA Microplate <b>Guinea Pig</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-620	Guinea Pig Clostridium piliformis Positive Control <b>Hamster</b>	1 ml
	595-634	Hamster Clostridium piliformis Positive Control <b>Mouse</b>	1 ml
	595-505	Mouse Clostridium piliformis Positive Control <b>Rabbit</b>	1 ml
	595-621	Rabbit Clostridium piliformis Positive Control <b>Rat</b>	1 ml
	595-494	Rat Clostridium piliformis Positive Control	1 ml



# Laboratory Animal health monitoring ELISA Products

Infectious Agent / Disease	Reference	Product Description	Pack size
<b>Coronavirus (SARS-CoV-2)</b>			
<b>New</b>	SP864C	COVID-19 S1/S2 ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
<b>New</b>	SP865C	COVID-19 Nucleoprotein ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
<b>New</b>	SP866C	COVID-19 RBD+M ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
<b>New</b>	SP867C	HCoV-229E Microplate (Seasonal Coronavirus does not contain SARS-CoV-2 recombinant)	48 Antigen Wells and 48 Control Antigen Wells
<b>New</b>	SP868C	HCoV-NL63 Microplate (Seasonal Coronavirus does not contain SARS-CoV-2 recombinant)	48 Antigen Wells and 48 Control Antigen Wells
		<b>Non Human Primate</b>	
<b>New</b>	SPC864	COVID-19 S1/S2 Positive Control	0,5ml
<b>New</b>	SPC865	COVID-19 Nucleoprotein Positive Control	0,5ml
<b>New</b>	SPC866	COVID-19 RBD+M Positive Control	0,5ml
<b>New</b>	595-200	COVID-19 Negative Control	0,5ml
<b>Corynebacterium kutscheri</b>			
<b>New</b>	595-411C	Corynebacterium kutscheri ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Mouse</b>	
<b>New</b>	595-411	Mouse Corynebacterium kutscheri Positive Ctrl	1 ml
		<b>Rat</b>	
<b>New</b>	595-481	Rat Corynebacterium kutscheri Positive Control	1 ml
<b>Cytomegalovirus (CMV)</b>			
	595-161C	<b>Guinea Pig</b> Guinea Pig CMV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-160	Guinea Pig CMV Positive Control	1 ml
		<b>Mouse</b>	
	595-519C	Mouse CMV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-514	Mouse CMV Positive Control	1 ml
		<b>Non Human Primate</b>	
	SP837C	Simian CMV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC837	Simian CMV Positive Control	0,5ml
	SNC837	Simian CMV Negative Control	0,5ml
<b>Dengue</b>			
	SP848C	Simian Dengue ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC848	Simian Dengue Positive Control	0,5ml
	SNC848	Simian Dengue Negative Control	0,5ml
<b>Ectromelia Virus (Mousepox)</b>			
	595-436C	Ectromelia Virus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Mouse</b>	
	595-426	Mouse Ectromelia Virus Positive Control	1 ml
<b>Encephalitozoon cuniculi (E. cun)</b>			
	595-521C	E. cun ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Guinea Pig</b>	
	595-622	Guinea Pig E. cun Positive Control	1 ml
		<b>Hamster</b>	
	595-407	Hamster E. cun Positive Control	1 ml
		<b>Mouse</b>	
	595-516	Mouse E. cun Positive Control	1 ml
		<b>Rabbit</b>	
	595-623	Rabbit E. cun Positive Control	1 ml
		<b>Rat</b>	
	595-515	Rat E. cun Positive Control	1 ml
<b>Epizootic Diarrhea of Infant Mice (EDIM)</b>			
	595-498C	EDIM ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Mouse</b>	
	595-500	EDIM Positive Control	1 ml
<b>Filovirus</b>			
	SP853C	Simian Filovirus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC853	Simian Filovirus Positive Control	0,5ml
	SNC853	Simian Filovirus Negative Control	0,5ml
<b>Foamy virus (SFV)</b>			
	SP838C	Simian Foamy Virus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC838	Simian Foamy Virus Positive Control	0,5ml
	SNC838	Simian Foamy Virus Negative Control	0,5ml

## Laboratory Animal health monitoring ELISA Products



Infectious Agent / Disease	Reference	Product Description	Pack size
<b>Hanta Virus</b>			
	595-460C	Hanta Virus ELISA Microplate <b>Mouse</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-401	Mouse Hanta Virus Positive Control <b>Rat</b>	1 ml
	595-402	Rat Hanta Virus Positive Control	1 ml
<b>Helicobacter hepaticus</b>			
	595-300C	Helicobacter hepaticus ELISA Microplate <b>Mouse</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-628	Mouse Helicobacter hepaticus Positive Control <b>Rat</b>	1 ml
	595-629	Rat Helicobacter hepaticus Positive Control	1 ml
<b>Herpes Virus 1</b>			
	SP843C	Simian Herpes-1 ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC843	Simian Herpes-1 Positive Control	0,5ml
	SNC843	Simian Herpes-1 Negative Control	0,5ml
<b>Herpes Virus 2</b>			
	SP844C	Simian Herpes-2 ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC844	Simian Herpes-2 Positive Control	0,5ml
	SNC844	Simian Herpes-2 Negative Control	0,5ml
<b>Japanese Encephalitis Virus (JEV)</b>			
	<b>New</b> SP863C	Simian JEV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	<b>New</b> SPC863	Simian JEV Positive Control	0,5ml
	<b>New</b> SNC863	Simian JEV Negative Control	0,5ml
<b>K Virus (Pneumonitis)</b>			
	595-461C	K Virus ELISA Microplate <b>Mouse</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-403	Mouse K Virus Positive Control	1 ml
<b>Kilham Rat Virus (KRV)</b>			
	595-451C	Kilham Rat Virus / H1 (KRV-H1) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-452	Kilham Rat Virus / H1 (KRV-H1) Positive Control	1 ml
	595-463C	KRV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-405	KRV Positive Control	1 ml
<b>Lactate dehydrogenase elevating virus (LDV/LDHV)</b>			
		<b>Mouse</b>	
	595-055C	Mouse LDHV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-055	Mouse LDHV Positive Control	1ml
<b>Lymphocytic Choriomeningitis Virus (LCMV)</b>			
	595-438C	LCMV ELISA Microplate <b>Guinea Pig</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-630	Guinea Pig LCMV Positive Control	1 ml
	595-633	Hamster LCMV Positive Control <b>Mouse</b>	1 ml
	595-428	Mouse LCMV Positive Control <b>Rat</b>	1 ml
	595-511	Rat LCMV Positive Control	1 ml
<b>Malaria</b>			
	SP835C	Simian Malaria ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC835	Simian Malaria Positive Control	0,5ml
	SNC835	Simian Malaria Negative Control	0,5ml
<b>Measles</b>			
	SP842C	Simian Measles ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC842	Simian Measles Positive Control	0,5ml
	SNC842	Simian Measles Negative Control	0,5ml
<b>Minute Virus</b>			
		<b>Mouse</b>	
	595-431C	Minute Virus of Mice (MVM) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-421	Minute Virus of Mice (MVM) Positive Control <b>Rat</b>	1 ml
	595-701C	Rat Minute Virus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-635	Rat Minute Virus Positive Control	1 ml

# Laboratory Animal health monitoring ELISA Products

Infectious Agent / Disease	Reference	Product Description	Pack size
<b>Mouse Hepatitis Virus (MHV)</b>			
	595-432C	Mouse Hepatitis Virus (MHV) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-422	Mouse Hepatitis Virus (MHV) Positive Control	1 ml
<b>Mouse Kidney Parvovirus (MKPV)</b>			
	<b>New</b> 595-810C	MKPV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	<b>New</b> 595-811	MKPV Positive Control	1 ml
<b>Mumps</b>			
	SP841C	Simian Mumps ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC841	Simian Mumps Positive Control	0,5ml
	SNC841	Simian Mumps Negative Control	0,5ml
<b>Murine Norovirus (MNV)</b>			
	595-631C	Murine Norovirus (MNV) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-632	Murine Norovirus (MNV) Positive Control	1 ml
<b>Mycoplasma arthritidis</b>			
	<b>New</b> 595-705C	Mycoplasma arthritidis ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	<b>New</b> 595-704	Mouse Mycoplasma arthritidis Positive Control	1 ml
	<b>New</b> 595-706	Rat Mycoplasma arthritidis Positive Control	1 ml
<b>Mycoplasma pulmonis</b>			
	595-437C	Mycoplasma pulmonis ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-427	Mouse Mycoplasma pulmonis Positive Control	1 ml
	595-443	Rat Mycoplasma pulmonis Positive Control	1 ml
	595-408	Hamster Mycoplasma pulmonis Positive Control	1 ml
	595-127C	Guinea Pig M. pulmonis ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-126	Guinea Pig M. pulmonis Positive Control	1 ml
<b>Myxomatosis</b>			
	<b>New</b> 595-172C	Rabbit Myxomatosis ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	<b>New</b> 595-172	Rabbit Myxomatosis Positive Control	1 ml
<b>Parainfluenza Virus</b>			
	595-310C	Parainfluenza 3 Virus (PI3) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-312	GP Parainfluenza Virus 3 (PI3) Positive Control	1 ml
	595-311	Rat Parainfluenza Virus 3 (PI3) Positive Control	1 ml
<b>Parvovirus</b>			
	595-501C	Parvovirus NS1 ELISA Microplaque	48 Antigen Wells and 48 Control Antigen Wells
	595-121C	MPV, Native Antigen ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-340	MPV, Native Antigen Positive Control	1 ml
	595-602C	MPV1 & MPV2, VP2 Elisa Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-534	MPV1 & MPV2, VP2 Positive Control	1 ml
	595-341	Mouse Parvovirus NS1 Positive Control	1 ml
	595-327C	RPV, Native Antigen ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-326	RPV, Native Antigen Positive Control	1 ml
	595-490	Rat Parvovirus NS1 Positive Control	1 ml
<b>Pasteurella</b>			
	595-308C	Pasteurella haemolytica ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-309C	Pasteurella multocida ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-307C	Pasteurella pneumotropica ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	595-302	Mouse Pasteurella haemolytica Positive Control	1 ml
	595-303	Mouse Pasteurella multocida Positive Control	1 ml
	595-301	Mouse Pasteurella pneumotropica Positive Ctrl	1 ml
	595-305	Rat Pasteurella haemolytica Positive Control	1 ml
	595-306	Rat Pasteurella multocida Positive Control	1 ml
	595-304	Rat Pasteurella pneumotropica Positive Control	1 ml
	595-030	Rabbit Pasteurella multocida Positive Control	1 ml



# Laboratory Animal health monitoring ELISA Products

Infectious Agent / Disease      Reference      Product Description      Pack size



## *Pneumocystis carinii*

595-153C	Pneumocystis carinii ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	<b>Rat</b>	
595-151	Rat Pneumocystis carinii Positive Control	1 ml
	<b>Rabbit</b>	
595-035	Rabbit Pneumocystis carinii Positive Control	1 ml

## *Pneumocystis murina*

	<b>Mouse</b>	
595-130C	Mouse Pneumocystis murina ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
595-131	Mouse Pneumocystis murina Positive Control	1 ml

## Pneumonia Virus (PVM)

595-433C	Pneumonia Virus (PVM) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	<b>Guinea Pig</b>	
595-612	Guinea Pig Pneumonia Virus Positive Control	1 ml
	<b>Hamster</b>	
595-611	Hamster Pneumonia Virus Positive Control	1 ml
	<b>Mouse</b>	
595-423	Mouse Pneumonia Virus Positive Control	1 ml
	<b>Rabbit</b>	
595-617	Rabbit Pneumonia Virus Positive Control	1 ml
	<b>Rat</b>	
595-448	Rat Pneumonia Virus Positive Control	1 ml

## Polyoma Virus

	<b>Mouse</b>	
595-439C	Mouse Polyoma Virus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
595-429	Mouse Polyoma Virus Positive Control	1 ml
	<b>Rat</b>	
<b>New</b> 595-820C	Rat Polyomavirus-2 (RPyV2) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
<b>New</b> 595-821	Rat Polyomavirus-2 (RPyV2) Positive Control	1 ml

## Rabbit Haemorrhagic Disease Virus (RHDV)

595-165C	RHDV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
595-164	RHDV Positive Control	1 ml

## Rabbit Pox virus

595-167C	Rabbit Pox ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
595-166	Rabbit Pox Positive Control	1 ml

## Rabbit Rotavirus

595-154C	Rabbit Rotavirus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
595-152	Rabbit Rotavirus Positive Control	1 ml

## Rabies

SP834C	Simian Rabies ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
SPC834	Simian Rabies Positive Control	0,5ml
SNC834	Simian Rabies Negative Control	0,5ml

## Rat Coronavirus / Sialodacryoadenitis Virus (RCV/SDA)

595-445C	RCV/SDA ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
595-446	RCV/SDA Positive Control	1 ml

## Reovirus

595-434C	Reovirus type 3 ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
595-530C	Reovirus type 1 ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	<b>Guinea Pig</b>	
595-627	Guinea Pig Reovirus type 3 Positive Control	1 ml
	<b>Hamster</b>	
595-613	Hamster Reovirus type 3 Positive Control	1 ml
	<b>Mouse</b>	
595-424	Mouse Reovirus type 3 Positive Control	1 ml
595-531	Mouse Reovirus type 1 Positive Control	1 ml
	<b>Rat</b>	
595-509	Rat Reovirus type 3 Positive Control	1 ml
595-532	Rat Reovirus type 1 Positive Control	1 ml

## Respiratory Syncytial Virus (RSV)

	<b>Mouse</b>	
595-070C	Mouse RSV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
595-070	Mouse RSV Positive Control	1 ml

# Laboratory Animal health monitoring ELISA Products

Infectious Agent / Disease      Reference      Product Description      Pack size



## Retrovirus (SRV)

	SP830C	Simian Retrovirus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC830	Simian Retrovirus Positive Control	0,5ml
	SNC830	Simian Retrovirus Negative Control	0,5ml

## Rubella

	SP839C	Simian Rubella ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC839	Simian Rubella Positive Control	0,5ml
	SNC839	Simian Rubella Negative Control	0,5ml

## Saint Louis Encephalitis Virus (SLEV)

	SP862C	Simian SLEV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC862	Simian SLEV Positive Control	0,5ml
	SNC862	Simian SLEV Negative Control	0,5ml

## Sendai Virus

	595-435C	Sendai Virus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Guinea Pig</b>	
	595-615	Guinea Pig Sendai Virus Positive Control	1 ml
		<b>Hamster</b>	
	595-614	Hamster Sendai Virus Positive Control	1 ml
		<b>Mouse</b>	
	595-425	Mouse Sendai Virus Positive Control	1 ml
		<b>Rabbit</b>	
	595-618	Rabbit Sendai Virus Positive Control	1 ml
		<b>Rat</b>	
	595-450	Rat Sendai Virus Positive Control	1 ml

## Simian B-Virus

	SP836C	Simian B-Virus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC836	Simian B-Virus Positive Control	0,5ml
	SNC836	Simian B-Virus Negative Control	0,5ml

## Simian Immunodeficiency virus (SIV)

	SP831C	SIV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC831	SIV Positive Control	0,5ml
	SNC831	SIV Negative Control	0,5ml

## Simian Immunodeficiency virus-1 p27 (SIV-1 p27)

	SK845	SIV-1 p27 Antigen detection ELISA Kit	96 tests
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## Simian Virus 5 (SV5)

	595-604C	Simian Virus 5 (SV5) ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Guinea Pig</b>	
	595-606	Guinea Pig SV5 Positive Control	1 ml
		<b>Rabbit</b>	
	595-406	Rabbit SV5 Positive Control	1 ml
		<b>Hamster</b>	
	595-605	Hamster SV5 Positive Control	1 ml

## Simian Virus 40 (SV40)

	SP855C	SV40 ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC855	SV40 Positive Control	0,5ml
	SNC855	SV40 Negative Control	0,5ml

## Streptobacillus moniliformis

	595-060C	Streptobacillus moniliformis ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Mouse</b>	
	595-061	Mouse Streptobacillus moniliformis Positive Ctrl	1 ml
		<b>Rat</b>	
	595-062	Rat Streptobacillus moniliformis Positive Control	1 ml

## Theiler's Murine Encephalomyelitis Virus (TMEV)

	595-430C	TMEV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Mouse</b>	
	595-420	Mouse TMEV Positive Control	1 ml
		<b>Rat</b>	
	595-507	Rat TMEV Positive Control	1 ml

## Toolan's H-1 Virus

	595-462C	Toolan's H-1 Virus ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
		<b>Rat</b>	
	595-404	Rat Toolan's H-1 Virus Positive Control	1 ml

## Laboratory Animal health monitoring ELISA Products

Infectious Agent / Disease      Reference      Product Description

Pack size



### Toxoplasma gondii

	595-169C	Toxoplasma gondii ELISA Microplate <b>Rabbit</b>	48 Antigen Wells and 48 Control Antigen Wells
	595-168	Rabbit Toxoplasma Positive Control <b>Non-Human Primate</b>	1 ml
	SP847C	Simian Toxoplasma ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC847	Simian Toxoplasma Positive Control	0,5ml
	SNC847	Simian Toxoplasma Negative Control	0,5ml

### Varicella Zoster virus (VZV)

	SP840C	Simian VZV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC840	Simian VZV Positive Control	0,5ml
	SNC840	Simian VZV Negative Control	0,5ml

### West Nile Virus (WNV)

	SP807C	Simian WNV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC807	Simian WNV Positive Control	0,5ml
	SNC807	Simian WNV Negative Control	0,5ml

### Yellow Fever Virus (YFV)

	SP861C	Simian YFV ELISA Microplate	48 Antigen Wells and 48 Control Antigen Wells
	SPC861	Simian YFV Positive Control	0,5ml
	SNC861	Simian YFV Negative Control	0,5ml

### Zika Virus

	SP856C	Zika ELISA Microplate <b>Non-Human Primate</b>	48 Antigen Wells and 48 Control Antigen Wells
	SPC856	Simian Zika Positive Control	0,5ml
	SNC856	Simian Zika Negative Control <b>Mouse</b>	0,5ml
	595-400	Mouse Zika Positive Control	0,5ml

### Ancillary Products

Reference

Product Description

Pack size



#### Buffers & diluents

595-413	Sample Diluent for Animal ELISA kits	30 ml
595-417	Stop Solution	10 ml
827102	Wash Buffer (20X)	60 ml

#### Negative controls

595-610	Guinea Pig Negative Control	1 ml
595-609	Hamster Negative Control	1 ml
595-624	Rabbit Negative Control	1 ml
595-444	Rat Negative Control	1 ml
595-418	Mouse Negative Control	1 ml

#### Peroxidase conjugates

595-608	Anti-Guinea Pig Igs Peroxidase conjugate	12 ml
595-607	Anti-Hamster Igs Peroxidase conjugate	12 ml
595-414	Anti-Mouse Igs Peroxidase conjugate	12 ml
595-625	Anti-Rabbit Igs Peroxidase conjugate	12 ml
595-442	Anti-Rat Igs Peroxidase conjugate	12 ml
595-626	Anti-Simian Igs Peroxidase conjugate	12 ml

#### Peroxidase substrate

595-419	ABTS Peroxidase Substrate	12 ml
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## **Multiplexed plate service**

The multiplex ELISA serology reagents are unique in the ability to customize to your specific testing requirements. Up to nine different antigens can be tested in one well resulting in a significant reduction in labor and turnaround time.

Multiplexing requires the same amount of serum as a single pathogen test. Get more results from your precious serum. We can provide microplates (coated with up to nine different antigens) and positive controls.

- Up to nine different pathogens per well
- 5 µl sample per multiplex test
- Significant reduction in price, labor & turnaround time
- Same Protocol as Single Agent test
- Storage at 2-8°C
- We have developed multiplex plates for Mice, Rats and Non-Human Primates
- FELASA 2014 panels available

Species	Microplate Ref #	Panel
<b>2 ANTIGENS</b>		
Mouse	595-MX-M2C	TMEV, EDIM
Mouse	595-MX-M2D	MVM, MHV
Mouse	595-MX-M2E	MCMV, MAD FL
Mouse	595-MX-M2F	LCMV, Ectro
Mouse	595-MX-M2G	MHV, MNV
Rat	595-MX-R2A	Pneumonia Virus, Sendai Virus
Rat	595-MX-R2B	RCV/SDA, Myco
Rat	595-MX-R2C	Rat TMEV, RMV
Rat	595-MX-R2D	Rat CARB, Hanta
Rat	595-MX-R2E	Reo-3, Sendai
<b>3 ANTIGENS</b>		
Mouse	595-MX-M3B	MHV, TMEV, Myco
Mouse	595-MX-M3C	MVM, NS1, MPV
Mouse	595-MX-M3D	MCMV, MAD, Tyzzers
Mouse	595-MX-M3E	TMEV, KRV, H1-NS1
Mouse	595-MX-M3F	TMEV, EDIM, MVM
Mouse	595-MX-M3G	MAD FL, MAD K87, MCMV
Mouse	595-MX-M3H	MAD 87, LCM, MCMV
Mouse	595-MX-M3J	Sendai, PVM, Myco
Mouse	595-MX-M3K	Myco, Reo-3, MVM
Mouse	595-MX-M3L	MAD FL, MAD K87, Reo-3
Rat	595-MX-R3A	Reo-3, Sendai, MAD FL
Rat	595-MX-R3B	RCV/SDA, Myco, PVR
<b>4 ANTIGENS</b>		
Mouse	595-MX-M4A	LCM, ECTRO, Hantaan, Poly
Mouse	595-MX-M4B	Myco, MAD FL, MAD K87, LCMV
Mouse	595-MX-M4C	Sendai, PVM, MHV, Myco
Mouse	595-MX-M4D	Mouse- TMEV, EDIM, MVM, MPV 1&2
Mouse	595-MX-M4I	TMEV, EDIM, MVM, MHV
Mouse	595-MX-M4J	ECTRO, PVM, Sendai, MHV
Rat	595-MX-R4A	KRV, PVM, NS1, RCV/SDA
Rat	595-MX-R4B	HI, KRV, RMV, RPV
Rat	595-MX-R4C	PVR, RCV/SDA, TYZZERS, MYCO
Rat	595-MX-R4D	MAD FL, MAD K87, REO-3, LCM
<b>5 ANTIGENS</b>		
Mouse	595-MX-M5A	MHV, EDIM, MPV Native, MVM, TMEV
Mouse	595-MX-M5B	MPV, MVM, MHV, Reo-3, EDIM
Mouse	595-MX-M5C	PVM, REO-3, Sendai, Ectro, LCM
Mouse	595-MX-M5D	TMEV, PVM, Sendai, Myco, Tyzzer's
Mouse	595-MX-M5J	MAD FL, MAD K87, MCMV, CARB, E.cun,
Mouse	595-MX-M5K	Ectro, LCMV, MAD FL, MAD K87, Reo-3
Mouse	595-MX-M5L	Sendai, PVM, MAD FL, MAD K87, Reo-3
Rat	595-MX-R5A	RPV, RMV, KRV, H1, TMEV
Rat	595-MX-R5B	RCV/SDA, PVR, Sendai, Myco, Tyzzer's
Rat	595-MX-R5C	RCV/SDA, KRV, NS1, H1, Myco
Rat	595-MX-R5D	PVR, Sendai, RCV/SDA, Myco, Tyzzers
<b>6 ANTIGENS</b>		
Mouse	595-MX-M6A	PVM, MAD FL, MAD K87, TMEV, REO-3
Mouse	595-MX-M6C	LCMV, MAD FL, ECTRO, PVM, Reo-3, Sendai
Mouse	595-MX-M6E	MVM, MHV, MPV, MNV, Myco, PVM
Mouse	595-MX-M6F	ECTRO, MAD FL, MAD K87, REO-3, LCM, MCMV
<b>7 ANTIGENS</b>		
Mouse	595-MX-M7B	MHV, EDIM, MPV, PVM, Sendai, TMEV, Myco
Mouse	595-MX-M7C	LCMV, MAD FL, MAD K87, ECTRO, PVM, Reo-3, Sendai
Mouse	595-MX-M7D	LCMV, MAD FL, ECTRO, PVM, Reo-3, Sendai, Myco
<b>8 ANTIGENS</b>		
Mouse	595-MX-M8A	LCMV, MAD FL, MAD K87, ECTRO, PVM, Reo-3, Sendai, Myco
<b>9 ANTIGENS</b>		
Mouse	595-MX-M9A	MHV, EDIM, MVM, MPV, PVM, Sendai, TMEV, Tyzzers, Myco
Mouse	595-MX-M9B	MAD FL, MAD K87, PVM, Poly, Hanta, Ectro, MHV, Norovirus, Myco
Mouse	595-MX-M9C	MVM, Mad (FL), Mad (K87), MHV, Parvo, MNV, Myco, PVM, TMEV



Species	Positive Control Ref #	Panel
<b>2 ANTIGENS</b>		
Mouse	M2C	TMEV, EDIM
Mouse	M2D	MVM, MHV
Mouse	M2E	MCMV, MAD FL
Mouse	M2F	LCMV, Ectro
Mouse	M2G	MHV, MNV
Rat	R2A	Pneumonia Virus, Sendai Virus
Rat	R2B	RCV/SDA, Myco
Rat	R2C	Rat TMEV, RMV
Rat	R2D	Rat CARB, Hanta
Rat	R2E	Reo-3, Sendai
<b>3 ANTIGENS</b>		
Mouse	M3B	MHV, TMEV, Myco
Mouse	M3C	MVM, NS1, MPV
Mouse	M3D	MCMV, MAD, Tyzzers
Mouse	M3E	TMEV, KRV, H1-NS1
Mouse	M3F	TMEV, EDIM, MVM
Mouse	M3G	MAD FL, MAD K87, MCMV
Mouse	M3H	MAD 87, LCM, MCMV
Mouse	M3J	Sendai, PVM, Myco
Mouse	M3K	Myco, Reo-3, MVM
Mouse	M3L	MAD FL, MAD K87, Reo-3
Rat	R3A	Reo-3, Sendai, MAD FL
Rat	R3B	RCV/SDA, Myco, PVR
<b>4 ANTIGENS</b>		
Mouse	M4A	LCM, ECTRO, Hantaan, Poly
Mouse	M4B	Myco, MAD FL, MAD K87, LCMV
Mouse	M4C	Sendai, PVM, MHV, Myco
Mouse	M4D	Mouse- TMEV, EDIM, MVM, MPV 1&2
Mouse	M4I	TMEV, EDIM, MVM, MHV
Mouse	M4J	ECTRO, PVM, Sendai, MHV
Rat	R4A	KRV, PVM, NS1, RCV/SDA
Rat	R4B	HI, KRV, RMV, RPV
Rat	R4C	PVR, RCV/SDA, TYZZERS, MYCO
Rat	R4D	MAD FL, MAD K87, REO-3, LCM
<b>5 ANTIGENS</b>		
Mouse	M5A	MHV, EDIM, MPV Native, MVM, TMEV
Mouse	M5B	MPV, MVM, MHV, Reo-3, EDIM
Mouse	M5C	PVM, REO-3, Sendai, Ectro, LCM
Mouse	M5D	TMEV, PVM, Sendai, Myco, Tyzzer's
Mouse	M5J	MAD FL, MAD K87, MCMV, CARB, E.cun,
Mouse	M5K	Ectro, LCMV, MAD FL, MAD K87, Reo-3
Mouse	M5L	Sendai, PVM, MAD FL, MAD K87, Reo-3
Rat	R5A	RPV, RMV, KRV, H1, TMEV
Rat	R5B	RCV/SDA, PVR, Sendai, Myco, Tyzzer's
Rat	R5C	RCV/SDA, KRV, NS1, H1, Myco
Rat	R5D	PVR, Sendai, RCV/SDA, Myco, Tyzzers
<b>6 ANTIGENS</b>		
Mouse	M6A	PVM, MAD FL, MAD K87, TMEV, REO-3
Mouse	M6C	LCMV, MAD FL, ECTRO, PVM, Reo-3, Sendai
Mouse	M6E	MVM, MHV, MPV, MNV, Myco, PVM
Mouse	M6F	ECTRO, MAD FL, MAD K87, REO-3, LCM, MCMV
<b>7 ANTIGENS</b>		
Mouse	M7B	MHV, EDIM, MPV, PVM, Sendai, TMEV, Myco
Mouse	M7C	LCMV, MAD FL, MAD K87, ECTRO, PVM, Reo-3, Sendai
Mouse	M7D	LCMV, MAD FL, ECTRO, PVM, Reo-3, Sendai, Myco
<b>8 ANTIGENS</b>		
Mouse	M8A	LCMV, MAD FL, MAD K87, ECTRO, PVM, Reo-3, Sendai, Myco
<b>9 ANTIGENS</b>		
Mouse	M9A	MHV, EDIM, MVM, MPV, PVM, Sendai, TMEV, Tyzzers, Myco
Mouse	M9B	MAD FL, MAD K87, PVM, Poly, Hanta, Ectro, MHV, Norovirus, Myco
Mouse	M9C	MVM, Mad (FL), Mad (K87), MHV, Parvo, MNV, Myco, PVM, TMEV

# Laboratory Animal Health Monitoring Diagnostic Products

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# *IFA*

*Slides, Controls & Reagents*

Reference #	Infectious Agent / Disease	Pack size
IFA-MPV-S102	Mouse Parvovirus (MPV)	10-well slide
IFA-MHV-S202	Mouse Hepatitis Virus (MHV)	10-well slide
IFA-MHV-S202R	Rat Coronaviruses (uses MHV)	10-well slide
IFA-Reo3-S203	Reovirus Type 3	10-well slide
IFA-TMEV-S204	Theiler's Murine Encephalomyelitis Virus (TMEV)	10-well slide
IFA-TMEV-S204R	Rat Theilovirus (uses TMEV)	10-well slide
IFA-PVM-S205	Pneumonia Virus of Mice (PVM)	10-well slide
IFA-Sendai-S206	Sendai Virus	10-well slide
IFA-MVM-S207	Minute Virus of Mice (MVM)	10-well slide
IFA-Ectro-S208	Ectromelia Virus (Ectro)	10-well slide
IFA-LCMV-S209	Lymphocytic choriomeningitis virus (LCMV)	10-well slide
IFA-K87-S210	Mouse Adenovirus type 1 (K87)	10-well slide
IFA-FL-S211	Mouse Adenovirus type 2 (FL)	10-well slide
IFA-K87-S212	Guinea Pig Adenovirus (uses MAD K87)	10-well slide
IFA-SV5-S213	Simian Virus 5 (SV5)	10-well slide
IFA-Rota-S214	Rotavirus	10-well slide
IFA-HANT-S220	Hantavirus	10-well slide
IFA-KRV-S215	Rat parvoviruses (uses Kilham rat virus)	10-well slide
IFA-PULM-S221	Mycoplasma pulmonis	10-well slide
IFA-Myxo-S216	Myxomatosis virus	10-well slide
IFA-GPCMV-S217	Guinea Pig Cytomegalovirus (CMV)	10-well slide
IFA-PIV3-S218	Parainfluenza virus type 3 (PIV3)	10-well slide
IFA-MNV-S219	Murine Norovirus (MNV)	10-well slide

## IFA Positive Control

Reference #	Infectious Agent / Disease	Pack size
IFA-PC102	MPV IFA Positive Control, Mouse	1ml
IFA-PC202M	MHV Positive Control, Mouse	1ml
IFA-PC203M	Reo-3 Positive Control, Mouse	1ml
IFA-PC204M	TMEV Positive Control, Mouse	1ml
IFA-PC205M	PVM Positive Control, Mouse	1ml
IFA-PC206M	Sendai Virus Positive Control, Mouse	1ml
IFA-PC207M	MVM Positive Control, Mouse	1ml
IFA-PC208M	Ectromelia Virus Positive Control, Mouse	1ml
IFA-PC209M	LCMV Positive Control, Mouse	1ml
IFA-PC210M	MAD K87 Positive Control, Mouse	1ml
IFA-PC211M	MAD FL Positive Control, Mouse	1ml
IFA-PC213M	SV5 Positive Control, Mouse	1ml
IFA-PC214M	Rotavirus Positive Control, Mouse	1ml
IFA-PC220M	Hanta Virus Positive Control, Mouse	1ml
IFA-PC221M	Mycoplasma pulmonis Positive Control, Mouse	1ml
IFA-PC219M	MNV Positive Control, Mouse	1ml
IFA-PC202R	Rat Coronavirus Positive Control	1ml
IFA-PC203R	Reo-3 Positive Control, Rat	1ml
IFA-PC204R	Rat Thielovirus Positive Control	1ml
IFA-PC205R	PVM Positive Control, Rat	1ml
IFA-PC206R	Sendai Virus Positive Control, Rat	1ml
IFA-PC209R	LCMV Positive Control, Rat	1ml
IFA-PC210R	MAD K87 Positive Control, Rat	1ml
IFA-PC211R	MAD FL Positive Control, Rat	1ml
IFA-PC220R	Hanta Virus Positive Control, Rat	1ml
IFA-PC215R	Rat Parvovirus Positive Control	1ml
IFA-PC221R	Mycoplasma pulmonis Positive control, Rat	1ml
IFA-PC203H	Reo-3 Positive Control, Hamster	1ml
IFA-PC205H	PVM Positive Control, Hamster	1ml
IFA-PC206H	Sendai Virus Positive Control, Hamster	1ml
IFA-PC203GP	Reo-3 Positive Control, Guinea Pig	1ml
IFA-PC204GP	TMEV Positive Control, Guinea Pig	1ml
IFA-PC205GP	PVM Positive Control, Guinea Pig	1ml
IFA-PC206GP	Sendai Virus Positive Control, Guinea Pig	1ml
IFA-PC210GP	Guine Pig Adenovirus Positive Control	1ml

IFA-PC217GP	Guine Pig CMV Positive Control	1ml
IFA-PC218GP	PIV3 Positive Control, Guinea Pig	1ml
IFA-PC203RB	Reo-3 Positive Control, Rabbit	1ml
IFA-PC205RB	PVM Positive Control, Rabbit	1ml
IFA-PC206RB	Sendai Virus Positive Control, Rabbit	1ml
IFA-PC213RB	SV5 Positive Control, Rabbit	1ml
IFA-PC214RB	Rotavirus Positive Control, Rabbit	1ml
IFA-PC216RB	Myxomatosis Positive Control, Rabbit	1ml

### IFA Negative Control

Reference #	Species	Pack size
IFA-NC-M	Mouse IFA Negative Control	1ml
IFA-NC-R	Rat IFA Negative Control	1ml
IFA-NC-H	Hamster IFA Negative Control	1ml
IFA-NC-GP	Guinea Pig IFA Negative Control	1ml
IFA-NC-RB	Rabbit IFA Negative Control	1ml

### IFA Reagents

Reference #	Species	Pack size
IFA-FC-M	Fluorescein Conjugate (1000X), Mouse	10ul
IFA-FC-R	Fluorescein Conjugate (1000X), Rat	10ul
IFA-FC-H	Fluorescein Conjugate (1000X), Hamster	10ul
IFA-FC-GP	Fluorescein Conjugate (1000X), Guinea Pig	10ul
IFA-FC-RB	Fluorescein Conjugate (1000X), Rabbit	10ul
IFA-Block	Blocking Buffer	1ml
IFA-PBS	Phosphate Buffer Saline (PBS)	1L
IFA-SCD	Sample/Conjugate Diluent Buffer	10ml
IFA-Mount	Mounting Solution	1ml
IFA-CS	Slide Cover Slips	12
IFA-Blot	10-Well Blotters	15

# Laboratory Animal Health Monitoring Diagnostic Products

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## *PCR controls*

## Laboratory Animal health monitoring PCR Products



Infectious Agent / Disease	Reference	Product Description	Pack size
<b>Adenovirus</b>	PCRPC128	Adenovirus FL PCR Positive Control	250ul, about 250 Reactions
	PCRPC130	Adenovirus K87 PCR Positive Control	250ul, about 250 Reactions
<b>Bordetella hinzii</b>	PCRPC160	<i>Bordetella hinzii</i> PCR Positive Control	250ul, about 250 Reactions
<b>Bordetella bronchiseptica</b>	<b>New</b> PCRPC116	<i>Bordetella bronchiseptica</i> PCR Control	250ul, about 250 Reactions
<b>Cilia-Associated Respiratory Bacillus (CARB)</b>	PCRPC118	CARB PCR Positive Control	250ul, about 250 Reactions
<b>Clostridium piliformis (Tyzzer's Disease)</b>	PCRPC119	<i>Clostridium piliformis</i> PCR Positive Control	250ul, about 250 Reactions
<b>Corynebacterium kutscheri</b>	PCRPC411	<i>Corynebacterium kutscheri</i> PCR Positive Ctrl	250ul, about 250 Reactions
<b>Ectromelia Virus</b>	PCRPC109	Ectromelia Virus (Ectro) PCR Positive Control	250ul, about 250 Reactions
<b>Encephalitozoon cuniculi (E. cun)</b>	PCRPC121	<i>E. cun</i> PCR Positive Control	250ul, about 250 Reactions
<b>Guinea Pig CMV</b>	PCRPC161	Guinea Pig CMV PCR Positive Control	250ul, about 250 Reactions
<b>Helicobacter spp.</b>	PCRPC135	<i>Helicobacter hepaticus</i> PCR Positive Control	250ul, about 250 Reactions
	PCRPC600	<i>Helicobacter muridarum</i> PCR Positive Control	250ul, about 250 Reactions
	PCRPC310	<i>Helicobacter rodentium</i> PCR Positive Control	250ul, about 250 Reactions
	PCRPC500	<i>Helicobacter typhlonius</i> PCR Positive Control	250ul, about 250 Reactions
<b>Kilham Rat Virus</b>	PCRPC113	Kilham Rat Virus PCR Positive Control	250ul, about 250 Reactions
<b>Minute Virus of Mice</b>	PCRPC104	MVM PCR Positive Control	250ul, about 250 Reactions
<b>Mouse Cytomegalovirus (CMV)</b>	PCRPC122	Mouse CMV PCR Positive Control	250ul, about 250 Reactions
<b>Mouse Hepatitis Virus (MHV)</b>	PCRPC105	Mouse Hepatitis Virus PCR Positive Control	250ul, about 250 Reactions
<b>Mycoplasma arthritidis</b>	<b>New</b> PCRPC180	<i>Mycoplasma arthritidis</i> PCR Positive Control	250ul, about 250 Reactions
<b>Mycoplasma pulmonis</b>	PCRPC110	<i>Mycoplasma pulmonis</i> PCR Positive Control	250ul, about 250 Reactions
<b>Parainfluenza Virus</b>	PCRPC134	Parainfluenza Virus 3 PCR Positive Control	250ul, about 250 Reactions
<b>Parvovirus</b>	PCRPC137	Mouse parvovirus PCR Positive Control	250ul, about 250 Reactions
	PCRPC133	Rat Parvovirus PCR Positive Control	250ul, about 250 Reactions
<b>Pasteurella spp.</b>	PCRPC144	<i>Pasteurella haemolytica</i> PCR Positive Control	250ul, about 250 Reactions
	PCRPC145	<i>Pasteurella multocida</i> PCR Positive Control	250ul, about 250 Reactions
	PCRPC143	<i>Pasteurella pneumotropica</i> PCR Positive Ctrl	250ul, about 250 Reactions
<b>Pneumocystis carinii</b>	PCRPC400	<i>Pneumocystis carinii</i> PCR Positive Control	250ul, about 250 Reactions
<b>Pneumocystis murina</b>	PCRPC131	<i>Pneumocystis murina</i> PCR Positive Control	250ul, about 250 Reactions
<b>Polyoma virus</b>	PCRPC115	Polyoma virus (Poly) PCR Positive Control	250ul, about 250 Reactions
<b>Pseudomonas aeruginosa</b>	<b>New</b> PCRPC117	<i>Pseudomonas aeruginosa</i> PCR Positive Ctrl	250ul, about 250 Reactions
<b>RCA/SDA Virus</b>	PCRPC125	RCA/SDA Virus PCR Positive Control	250ul, about 250 Reactions
<b>Reovirus</b>	PCRPC136	REO-1/REO-3 PCR Positive Control	250ul, about 250 Reactions
<b>Sendai Virus</b>	<b>New</b> PCRPC108	Sendai Virus PCR Control	250ul, about 250 Reactions

## Laboratory Animal health monitoring PCR Products



Infectious Agent / Disease	Reference	Product Description	Pack size
<b>Simian Retrovirus (SRV)</b>			
<b>New</b>	SPCRPC01	Simian Retrovirus-1 PCR Positive Control	50 µl
<b>New</b>	SPCRPC02	Simian Retrovirus-2 PCR Positive Control	50 µl
<b>New</b>	SPCRPC03	Simian Retrovirus-3 PCR Positive Control	50 µl
<b>New</b>	SPCRPC04	Simian Retrovirus-4 PCR Positive Control	50 µl
<b>New</b>	SPCRPC05	Simian Retrovirus-5 PCR Positive Control	50 µl
<b>New</b>	P-PC004-100	Simian Type D Retrovirus, Serotype 2 (SRV-2) PCR Control	500 µl
<b>New</b>	P-PC033-100	Simian Type D Retrovirus, Serotype 4 (SRV-4) PCR Control	500 µl
<b>New</b>	P-PC034-100	Simian Type D Retrovirus, Serotype 5 (SRV-5) PCR Control	500 µl
<b>Simian Immunodeficiency Virus (SIV)</b>			
<b>New</b>	P-PC8102-100	Simian Immunodeficiency Virus (SIV) PCR Positive Control	500 µl
<b><i>Streptobacillus moniliformis</i></b>			
	PCRPC183	<i>Streptobacillus moniliformis</i> PCR Positive Ctrl	250ul, about 250 Reactions
<b>SV-5</b>			
	PCRPC124	SV-5 PCR Positive Control	250ul, about 250 Reactions
<b>SV-40</b>			
<b>New</b>	PCRPC855	SV-40 PCR Positive Control	250ul, about 250 Reactions
<b>New</b>	P-PC032-100	SV-40 PCR Positive Control	500 µl
<b>Toolan's H-1</b>			
	PCRPC114	Toolan's H-1 PCR Positive Control	250ul, about 250 Reactions
<b>Negative Control</b>			
<b>New</b>	SPCRNC01	Simian Uninfected Genomic DNA for PCR Negative Control	50 µl
<b>New</b>	P-188001-100	Simian PCR Negative Control	500 µl

# Laboratory Animal Health Monitoring Diagnostic Products

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# *Antigens*



## Antigens

Infectious Agent / Disease	Reference	Product Description	Pack size	Source/Strain	Type	Cross-reaction
<b>Adenovirus</b>						
	AG120FL	Adenovirus FL Antigen	5 ELISA Plates Equivalent	Florida	purified inactivated whole virus	other Adenovirus
	AG120K87	Adenovirus K87 Antigen	5 ELISA Plates Equivalent	K87	purified inactivated whole virus	other Adenovirus
<b>Bordetella hinzii</b>						
	AG160	<i>Bordetella hinzii</i> Antigen	5 ELISA Plates Equivalent		purified inactivated whole organism	
<b>Bordetella bronchiseptica</b>						
	<b>New</b> AG475	<i>Bordetella bronchiseptica</i> Antigen	5 ELISA Plates Equivalent	1872	purified inactivated whole organism	
<b>Chagas Disease</b>						
	SA846	Simian Chagas Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	3 strains from different areas (US, Brazil, Argentina)	mixture of purified inactivated whole organism	Leishmania
<b>Cilia-Associated Respiratory Bacillus (CARB)</b>						
	AG118	Cilia-Associated Respiratory Bacillus (CARB) Antigen	5 ELISA Plates Equivalent	"Bacillus strain Animal isolate"	purified inactivated whole organism	
<b>Clostridium piliformis (Tyzzer's disease)</b>						
	AG119	<i>Clostridium piliformis</i> (Tyzzer's Disease) Antigen	5 ELISA Plates Equivalent	"Clostridium strain Animal isolate"	purified inactivated whole organism	
<b>CMV</b>						
	AG161	Guinea Pig CMV Antigen	5 ELISA Plates Equivalent	22122	purified inactivated whole virus	
	AG122	Mouse Cytomegalovirus (MCMV) Antigen	5 ELISA Plates Equivalent	Smith	purified inactivated whole virus	other CMV
	SA837	Simian CMV Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	AD169	purified inactivated whole virus	
<b>Coronavirus (SARS-CoV-2)</b>						
	<b>New</b> XCOV001	SARS-CoV-2 Fusion Protein	1mg	include RBD (234 aa) and M-Protein	Recombinant	
	<b>New</b> XCOV002	SARS-CoV-2 Nucleocapsid Protein	1mg	N-Protein aa 1-419	Recombinant	
	<b>New</b> XCOV003	SARS-CoV-2 Nucleocapsid Protein	1mg	N-Protein aa 1-419	Recombinant	
	<b>New</b> XCOV006	SARS-CoV-2 Spike Glycoprotein (S1)	500ug	aa 1-674	Recombinant	
	<b>New</b> XCOV007	SARS-CoV-2 Spike Glycoprotein (S2)	500ug	aa 685-1211	Recombinant	
Seasonal coronavirus	<b>New</b> XCOV008	HCoV-229E Nucleocapsid Protein	100ug	N-Protein 359 aa	Recombinant	
Seasonal coronavirus	<b>New</b> XCOV009	HCoV-NL63 Nucleocapsid Protein	100ug	N-Protein aa 221-340	Recombinant	

## Antigens

Infectious Agent / Disease	Reference	Product Description	Pack size	Source/Strain	Type	Cross-reaction
<b><i>Corynebacterium kutscheri</i></b>						
	AG411	<i>Corynebacterium kutscheri</i> Antigen	5 ELISA Plates Equivalent	IFO 15288, NCTC 11138	purified inactivated whole organism	
<b>Dengue</b>						
	SA848	Dengue Antigen	5 ELISA Plates Equivalent	Serotypes 1, 2, 3, 4	purified inactivated whole virus	
<b>Ectromelia Virus (Mousepox)</b>						
	AG109	Ectromelia Virus Antigen	5 ELISA Plates Equivalent	Moscow	purified inactivated whole virus	other Poxvirus
<b><i>Encephalitozoon cuniculi (E. cun)</i></b>						
	AG121	<i>Encephalitozoon cuniculi (E. cun)</i> Antigen	5 ELISA Plates Equivalent	Levaditi	purified inactivated whole organism	
<b>Epizootic Diarrhea of Infant Mice (EDIM)</b>						
	AG112	Epizootic Diarrhea of Infant Mice (EDIM) Antigen	5 ELISA Plates Equivalent	EW	purified inactivated whole virus	Group A Rotavirus
<b>Foamy virus</b>						
	SA838	Simian Foamy Virus Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	FV-21	whole virus with group specific	
<b>Hanta Virus</b>						
	AG132	Hanta Virus Antigen	5 ELISA Plates Equivalent	recombinant HAN nucleoprotein		other Hantavirus
<b><i>Helicobacter hepaticus</i></b>						
	AG133	<i>Helicobacter hepaticus</i> Antigen	5 ELISA Plates Equivalent	3131/Hh-1	whole organism	
<b><i>Helicobacter pylori</i></b>						
	AG145	<i>Helicobacter pylori</i> Antigen	5 ELISA Plates Equivalent	49503	whole organism	
<b>Herpes virus</b>						
	SA843	Simian Herpes-1 Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	recombinant gG HSV-1 protein		will not cross react with HSV-2
	SA844	Simian Herpes-2 Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	recombinant gG HSV-2 protein		will not cross react with HSV-1
<b>Influenza Virus</b>						
	AG100	Influenza A Caledonia Antigen	5 ELISA Plates Equivalent	Caledonia		
	AG101	Influenza A Wellington Antigen	5 ELISA Plates Equivalent	Wellington		
	AG102	Influenza B Jiangsu Antigen	5 ELISA Plates Equivalent	Jiangsu		
	AG123	Influenza New York Strain Antigen	5 ELISA Plates Equivalent	New York		
<b>K Virus (Pneumonitis)</b>						
	AG125	K Virus Antigen	5 ELISA Plates Equivalent			
<b>Kilham Rat Virus (KRV)</b>						
	AG113	Kilham Rat Virus Antigen	5 ELISA Plates Equivalent	Kilham	whole virus	other Parvovirus

## Antigens



Infectious Agent / Disease	Reference	Product Description	Pack size	Source/Strain	Type	Cross-reaction
<b>Lactate DeHydrogenase Elevating Virus (LDHV)</b>						
	AG055	LDHV Antigen	5 ELISA Plates Equivalent	recombinant nucleocapsid protein (VP1)		
<b>Lymphocytic Choriomeningitis Virus (LCMV)</b>						
	AG111	Lymphocytic Choriomeningitis Virus (LCMV) Antigen	5 ELISA Plates Equivalent	Armstrong	purified inactivated whole virus	
<b>Malaria</b>						
	SA835	Simian Malaria Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	mixture of a recombinant Plasmodium falciparum MSP1 protein and a recombinant Plasmodium vivax MSP1 protein		
<b>Measles (Rubeola)</b>						
	AG171	Measles Antigen	5 ELISA Plates Equivalent	Edmonston	purified inactivated whole virus	
	SA842	Simian Measles Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	Edmonston	purified inactivated whole virus	
<b>Minute Virus</b>						
	AG104	Minute Virus of Mice (MVM) Antigen	5 ELISA Plates Equivalent	Crawford	purified inactivated whole virus	other Parvovirus
	AG142	Rat Minute Virus (RMV) Antigen	5 ELISA Plates Equivalent	recombinant capsid protein VP2		
<b>Mouse Hepatitis Virus (MHV)</b>						
	AG105	Mouse Hepatitis Virus (MHV) Antigen	5 ELISA Plates Equivalent	JHM-Thermostable	purified inactivated whole virus	
<b>Mumps</b>						
	SA841	Simian Mumps Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	Jeryl Lynn	purified inactivated whole virus	
<b>Murine Norovirus (MNV)</b>						
	AG170	Mouse Norovirus Antigen	5 ELISA Plates Equivalent	recombinant capsid protein VP1		other Norovirus
<b>Mycoplasma arthritidis</b>						
	<b>New</b> AG180	<i>Mycoplasma arthritidis</i> Antigen	5 ELISA Plates Equivalent	H606	purified inactivated whole organism	other Mycoplasmas

## Antigens



Infectious Agent / Disease	Reference	Product Description	Pack size	Source/Strain	Type	Cross-reaction
<b><i>Mycoplasma pulmonis</i></b>						
	AG110	<i>Mycoplasma pulmonis</i> Antigen	5 ELISA Plates Equivalent	14627	purified inactivated whole organism	other Mycoplasmas
<b>Parainfluenza Virus</b>						
	AG138	Parainfluenza Virus 3 (PI3) Antigen	5 ELISA Plates Equivalent	TS-9	purified inactivated whole virus	
<b>Parvovirus</b>						
	AG141	Mouse Parvovirus Native Antigen	5 ELISA Plates Equivalent	MPV-1a	purified inactivated whole virus	other Parvovirus
	AG140	Mouse Parvovirus (MPV1 & MPV2), VP2 Antigen	5 ELISA Plates Equivalent	recombinant VP2		other mouse Parvovirus.
	AG126	Rat Parvovirus Native Antigen	5 ELISA Plates Equivalent	RPV-1a:	purified inactivated whole virus	other Parvovirus
<b><i>Pasteurella spp.</i></b>						
	AG136	<i>Pasteurella haemolytica</i> Antigen	5 ELISA Plates Equivalent		purified inactivated whole organism	other Pasteurella species
	AG137	<i>Pasteurella multocida</i> Antigen	5 ELISA Plates Equivalent		purified inactivated whole organism	other Pasteurella species
	AG135	<i>Pasteurella pneumotropica</i> Antigen	5 ELISA Plates Equivalent		purified inactivated whole organism	other Pasteurella species
<b><i>Pneumocystis carinii</i></b>						
	AG151	<i>Pneumocystis carinii</i> Antigen	5 ELISA Plates Equivalent	M167-6	purified inactivated whole organism	
<b><i>Pneumocystis murina</i></b>						
	AG130	<i>Pneumocystis murina</i> Antigen	5 ELISA Plates Equivalent	PRA-111	purified inactivated whole organism	
<b>Pneumonia Virus (PVM)</b>						
	AG106	Pneumonia Virus of Mice (PVM) Antigen	5 ELISA Plates Equivalent	No.15	purified inactivated whole virus	
<b>Polyoma Virus</b>						
	AG114	Polyoma Virus Antigen	5 ELISA Plates Equivalent	LID-1	purified inactivated whole virus	
<b>Rabies</b>						
	SA834	Simian Rabies Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	recombinant 34 kd phosphoprotein		

## Antigens



Infectious Agent / Disease	Reference	Product Description	Pack size	Source/Strain	Type	Cross-reaction
<b>Rat Coronavirus/Sialodacryoadenitis Virus (RCV/SDA)</b>						
	AG190	Rat Coronavirus/Sialodacryoadenitis Virus (RCV/SDA) Antigen	5 ELISA Plates Equivalent		MHV used as a surrogate	
<b>Reovirus (REO)</b>						
	AG134	Reovirus Type 1 (REO-1) Antigen	5 ELISA Plates Equivalent		purified inactivated whole virus	
	AG107	Reovirus Type 3 (REO-3) Antigen	5 ELISA Plates Equivalent	Abney	purified inactivated whole virus	other Reovirus
<b>Rubella</b>						
	SA839	Simian Rubella	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	HPV77	purified inactivated whole virus	
<b>Sendai Virus</b>						
	AG108	Sendai Virus Antigen	5 ELISA Plates Equivalent	Sendai/52	purified inactivated whole virus	
<b>Simian Virus 5 (SV5)</b>						
	AG124	Simian Virus 5 (SV5) Antigen	5 ELISA Plates Equivalent	21005-2WR	purified inactivated whole virus	
<b>Simian Virus 40 (SV40)</b>						
	SA855	Simian Virus 40 (SV40) Antigen	5 ELISA Plates Equivalent		purified inactivated whole virus	other polyoma viruses
<b>Simian B-Virus</b>						
	SA836	Simian B-Virus Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	MacIntyre HSV-1 used as a surrogate marker.	purified inactivated whole virus.	HSV-2 (herpes simplex virus Type 2) and other Herpes viruses.
<b>Simian Immunodeficiency virus (SIV)</b>						
	SA831	Simian SIV Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)		purified inactivated whole virus	HIV
<b>Theiler's Murine Encephalomyelitis Virus (TMEV)</b>						
	AG103	Theiler's Murine Encephalomyelitis Virus (TMEV, GD7) Antigen	5 ELISA Plates Equivalent	BeAn 8386	purified inactivated whole virus	EMCV
<b>Toolan's H-1 Virus</b>						
	AG131	Toolan's H-1 Antigen	5 ELISA Plates Equivalent	Toolan	purified inactivated whole virus	other Parvovirus
<b>Toxoplasma gondii</b>						
	AG164	Toxoplasma gondii Antigen	5 ELISA Plates Equivalent	RH	purified inactivated whole organism	
	SA847	Toxoplasma gondii Antigen	5 ELISA Plates Equivalent	RH	purified inactivated whole organism	

## **Antigens**



<b>Infectious Agent / Disease</b>	<b>Reference</b>	<b>Product Description</b>	<b>Pack size</b>	<b>Source/Strain</b>	<b>Type</b>	<b>Cross-reaction</b>
<b>Varicella Zoster virus (SVV)</b>						
	SA840	Simian Varicella Zoster Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	Ellen	purified inactivated whole virus with group specific antigens	
<b>West Nile Virus (WNV)</b>						
	SA807	Simian (WNV) Antigen	5 X Half ELISA Plates Equivalent ( 5 X 48 Reactions)	New York and Uganda	Mixture of purified inactivated whole viruses	

# *Vaccine Research Kits*

Reference #	Infectious Agent / Disease	Pack size
IM-301	Rabbit Anti-Anthrax PA83 ELISA Kit	96 Determinations
IM-326	Mouse Anti-Anthrax PA83 ELISA Kit	96 Determinations
IM-201	Mouse Anti-Diphtheria Toxoid ELISA Kit	96 Determinations
IM-215	Rabbit Anti-Diphtheria Toxoid ELISA Kit	96 Determinations
IM-204	Mouse Anti-Haemophilus influenzae B (HIB) ELISA Kit	96 Determinations
IM-218	Rabbit Anti-Haemophilus influenzae B (HIB) ELISA Kit	96 Determinations
IM-218H	Human Anti-Haemophilus influenzae B (HIB) ELISA Kit	96 Determinations
IM-219	Rabbit Anti-HBsAg ELISA Kit	96 Determinations
IM-219H	Human Anti-HBsAg ELISA Kit	96 Determinations
IM-325	Mouse Anti-HBsAg ELISA Kit	96 Determinations
IM-203	Mouse Anti-Pertussis ELISA Kit	96 Determinations
IM-216	Rabbit Anti-Pertussis ELISA Kit	96 Determinations
IM-216H	Human Anti-Pertussis ELISA Kit	96 Determinations
SK900	Simian Anti-Poliomyelitis I ELISA Kit	96 Determinations
SK901	Simian Anti-Poliomyelitis II ELISA Kit	96 Determinations
SK902	Simian Anti-Poliomyelitis III ELISA Kit	96 Determinations
IM-202	Mouse Anti-Tetanus Toxoid ELISA Kit	96 Determinations
IM-217	Rabbit Anti-Tetanus Toxoid ELISA Kit	96 Determinations
IM-217H	Human Anti-Tetanus Toxoid ELISA Kit	96 Determinations