

*Laboratory*

*Antigen Product Listing*

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## **Human Influenza Virus**

Influenza A/PR/8/34

Influenza A X-31, A/Aichi/68

Influenza A/Victoria/3/75

Influenza A/2/Japan/305/57

Influenza A/Hong Kong/8/68

Influenza B/Lee/40

## **Sendai Virus**

Sendai virus (Cantell Strain) supplied as sterile, clarified allantoic fluid. Minimum HA titer of 2000 HA units/ml.

## **Chicken Cell Products**

### **Primary Chicken Embryo – Prepared Per Order**

\*Fibroblasts

\*Kidney Cells

\*Liver Cells

\*Fibroblasts (Genetic Specific)

\*Kidney Cells (Genetic Specific)

### **CAV Negative**

\*Fibroblasts

\*Kidney Cells

\*Liver Cells

\*Fibroblasts (Genetic Specific)

\*Kidney Cells (Genetic Specific)

### **Secondary Chicken Embryo – REQUIRES 48 HOUR NOTICE PRIOR TO SHIP DATE**

\*Fibroblasts

\* 400 million cells or greater per 50 ml vial

### **Tissue Culture Media**

5% FCS/NB (for use with CEF)

8% FCS/NB

(for use with CEK and CEL)

2.5% FCS/NB

(Maintenance media for use with CEF, CEK and CEL).

## **Chicken Blood Products**

### **Chicken Red Blood Cells**

(5 ml packed cells in Alsevers)

Normally 5 day-old chicks)

### **Adult Red Blood Cells**

(5 ml packed cells in Alsevers)

### **Adult Chicken Whole Blood**

(10 ml whole blood in Alsevers)

**BLOOD ORDERS ARE SHIPPED ON MONDAY'S ONLY**

## **Avian Antisera**

Store Liquid and Lyophilized Antisera at -20°C. All Antisera are heat inactivated.

Avian Adenovirus Type 1  
Avian Adenovirus Type 3  
Avian Adenovirus Type 5  
Avian Adenovirus Group II (HEV)  
Avian Encephalomyelitis  
Avian Influenza (T/W/66)  
Avian Leukosis Subgroup J  
Avian Leukosis RSV-A  
Avian Leukosis RSV-B  
Avian Paramyxovirus Type 2  
Avian Paramyxovirus Type 3  
Avian Pneumovirus  
Avian Reovirus  
Avian Rotavirus  
Chicken Anemia Virus  
Fowl Pox  
Infectious Bronchitis (Ark.)  
Infectious Bronchitis (Conn.)  
Infectious Bronchitis (DE-072)  
Infectious Bronchitis (JMK)  
Infectious Bronchitis (Mass.)  
Infectious Bursal Disease (Standard)  
Infectious Bursal Disease (Variant)  
Infectious Laryngotracheitis  
Marek's Disease  
Mycoplasma gallisepticum  
Mycoplasma synoviae  
Newcastle Disease  
Reticuloendotheliosis

## **Other Antisera**

Influenza A/PR/8/34  
Sendai

## **Polyclonal Antibody**

Avian Adenovirus Group III (EDS)  
Liquid  
Lyophilized

## **Miscellaneous Antiserum/Antibody**

### **Negative Serum**

### **Rabbit Antiserum**

Rabbit Anti-p27 IgG  
Rabbit Anti-p27 IgG Conjugated to HRP  
p27 Positive TC Control  
p27 Negative TC Control

## **NPIP Testing Reagents And Control Sera**

### **USDA LICENSED PLATE ANTIGENS FOR PLATE AGGLUTINATION TESTS**

**Mycoplasma gallisepticum Antigen**  
**SPAFAS MG Plate Antigen**

**Mycoplasma synoviae Antigen**  
**SPAFAS MS Plate Antigen**

**Serum Plate Antiserum/Antibody: Available in 1ml quantities only.**

**Mycoplasma gallisepticum**  
**Liquid (Store at 4° C)**

**Mycoplasma meleagridis**  
**Liquid (Store at 4° C)**

**Mycoplasma synoviae**  
**Liquid (Store at 4° C)**

**Salmonella Polyvalent (Groups B & D)**  
**Liquid (Store at 4° C)**

**Negative SPA**  
**Liquid (Store at 4° C)**

## AVIAN ANTIGENS

<u>Agent</u>	<u>Strain</u>	<u>Material</u>
Avian Adenovirus Group I	Serotypes 1-12* (Specify Serotype)	TC
Avian Adenovirus Group II (HEV)	Domermuth	SPH
Avian Adenovirus Group III (EDS-76)	CLKK115D	AF/I
*Avian Adenovirus Type 1	CELO-Phelps	AF
*Avian Adenovirus Type 1	CELO-Phelps	AC
Avian Encephalomyelitis	van Roekel	BH
Avian Encephalomyelitis	van Roekel	AC
Avian Influenza (H9N2)	Turkey/Wis/66	AF
Avian Influenza	Turkey/Wis/66	CAMH/I
Avian Influenza (H9N2)	Turkey/Wis/66	AF/I
Avian Leukosis - Subgroup J	Hc-1	TC
Avian Paramyxovirus Type 2	Yucaipa	AF
Avian Paramyxovirus Type 3	61/PMV/Wis/68	AF
Avian Reovirus	S1133	CAMH
Avian Reovirus	S1133	TC
Avian Rotavirus	Ch-2	AC
Chicken Anemia Virus	CL-1	TC
Fowl Pox	Connecticut	CAMH
Infectious Bronchitis	Arkansas	AC
Infectious Bronchitis	Arkansas	AF
Infectious Bronchitis	Beaudette	AF
Infectious Bronchitis	Connecticut	AF
Infectious Bronchitis	Connecticut	AC
Infectious Bronchitis	DE-072	AC
Infectious Bronchitis	DE-072	AF
Infectious Bronchitis	JMK	AC
Infectious Bronchitis	JMK	AF
Infectious Bronchitis	Massachusetts	AC
Infectious Bursal Disease, Serotype 1	2512	BURH
Infectious Bursal Disease, Serotype 1	2512	AF
Infectious Bursal Disease, Serotype 1	2512	TC
Infectious Laryngotracheitis	Cover	AF
Infectious Laryngotracheitis	Cover	AC
Marek's Disease	SB-1	AC
Mycoplasma gallisepticum**	A5969	WO
Mycoplasma synoviae**	WVU1853	WO
Newcastle Disease	LaSota	AF
Newcastle Disease	LaSota	AC
Newcastle Disease	LaSota	AF/ I
Reticuloendotheliosis	T	TC
Reticuloendotheliosis	T	AC
Rous Sarcoma Virus A	RSV(RAV)-A	TC
Rous Sarcoma Virus B	RSV(RAV)-B	TC

## **Avian Testing Services**

### **ELISA**

Avian Encephalomyelitis  
Avian Influenza  
Avian Leukosis (p27 antigen detection)  
Avian Reovirus  
Avian Rhinotracheitis Virus  
CAV Elisa  
Infectious Bronchitis  
Infectious Bursal Disease  
Infectious Laryngotracheitis  
Newcastle Disease

### **Serum Plate Agglutination Tests**

Hemophilus Paragallinarum  
Mycoplasma gallisepticum  
Mycoplasma synoviae  
Salmonella pullorum-gallinarum

### **HA-HI Tests**

Adenovirus Group III (EDS 76)  
Avian Influenza Type A  
Avian Paramyxovirus Type 2  
Avian Paramyxovirus Type3  
Infectious Bronchitis (Ark)  
Infectious Bronchitis (Conn.)  
Infectious Bronchitis (DE-072)  
Infectious Bronchitis (JMK)  
Infectious Bronchitis (Mass)  
Mycoplasma gallisepticum  
Mycoplasma synoviae  
Newcastle Disease

### **Serum Neutralization Tests - in SPF Eggs**

Avian Adenovirus (CELO-Phelps)  
Avian Encephalomyelitis  
Infectious Bronchitis (Ark)  
Infectious Bronchitis (Conn.)  
Infectious Bronchitis (JMK)  
Infectious Bronchitis (Mass)  
Infectious Bursal Disease (Gumboro)  
Infectious Laryngotracheitis  
Newcastle Disease

### **Agar Gel Precipitin Tests**

Avian Adenovirus  
Avian Adenovirus Group II (HEV)  
Avian Encephalomyelitis  
Avian Reovirus (Viral Arthritis)  
Avian Rotavirus  
Fowl Pox  
Infectious Bursal Disease (Gumboro)  
Infectious Bursal Disease Sero Type 2  
Infectious Laryngotracheitis  
Influenza  
Marek's Disease  
Newcastle Disease  
Reticuloendotheliosis

### **Microneutralization Tests**

Avian Adenovirus  
(Each sample tested individually for 12 serotypes)  
Avian Reovirus  
RSV-A  
RSV-B  
Avian Leukosis Subgroup J

### **Other Tests**

Avian Encephalomyelitis Flock Susceptibility  
Chicken Anemia Virus PCR  
COFAL (10 day test)  
Salmonella pullorum microtiter  
MS / MG PCR  
REV PCR  
Vaccine Potency Test - Single Vaccine  
Virus Titration  
Virus Isolations  
Salmonella Isolation (Drag Swabs)  
Other PCR tests available –  
Please call for information and pricing

### **IFA Testing (submit 0.1 ml per serum sample)**

Chicken Anemia Virus  
Avian Nephritis Virus  
Avian Reovirus  
Reticuloendotheliosis Virus

### **9CFR Testing**

9CFR 113.26 Detection of viable bacteria and fungi except live vaccine  
9CFR 113.27 Detection of extraneous viable bacteria and fungi in live vaccine  
9CFR 113.28 Detection of Mycoplasma  
9CFR 113.30 Detection Salmonella  
9CFR 113.31 Detection of Avian Lymphoid Leukosis  
A p27 ELISA is performed in place of CF  
9CFR 113.34 Detection of hemagglutinating virus  
9CFR 113.37 Detection of pathogens by the chicken embryo inoculation test  
9CFR 113.46 Detection of cytopathogenic and/or hemadsorbing agents  
9CFR 113.55 Detection of Extraneous agents in Master Seed Virus

## **Marek's Disease Vaccine Titration**

HVT

SB-1 (or 301B)

Rispen

Combinations:

HVT/SB-1

HVT/IBD

HVT/Rispen

SB-1/IBD

SB-1/Rispen

HVT/SB-1/IBD

HVT/SB-1/Rispen

HVT/SB-1/Reo