

Product Specification Sheet

- Cat # CSNC11-S** Chicken serum (SPF) tested –ve for various chicken viruses, Salmonella and Mycoplasma (suitable for chicken virus ELISA kits) **SIZE:** 100 ul

Animals, just like humans, are susceptible to various bacterial and viral infections. Animals are used widely in biomedical research. Laboratory animal infections may compromise the health of the animals and ultimately the research data derived from them. Microbial infections alter not only the animal behavior but also the biological responses. Apart from the use of whole animals for experimentations, numerous animal cell lines and proteins are also derived from animals and used in biomedical research. Animals or animal-derived products are transported from one part of the world to another in a matter of days. So there is great potential for the diseases to spread very quickly. Many infections are asymptomatic and without any overt clinical symptoms. Detection of microbial infections has relied largely on serological screening and presence of microbial antigens or antibodies.

**Source of Antigen and Antibodies**

<b>Antigen</b>	Sterile pathogen free (SPF) chicken serum
<b>2-Ab</b>	Goat Anti-Chicken IgG-HRP cat # 60320 (AP, biotin, FITC conjugates)
<b>-ve control IgG</b>	Cat # 20010-1, Chicken (non-immune) Serum IgG, purified, suitable for ELISA, Western, IHC as –ve control

**Form & Storage of Antibodies/Peptide Control**

**Antiserum**

- 500 ul  solution  lyophilized powder

Buffer: PBS+0.05% azide

**Reconstitute powder** 100 ul of PBS.

**Storage**

**Short-term:** unopened, undiluted vials for less than a week at 4oC.

**Long-term:** at –20C or below in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted solutions.

**Stability:** 6-12 months at –20oC or below.

**Shipping:** 4oC for solutions and room temp for powder.

**Recommended Usage**

**Western Blotting:** An initial dilution of 1:500-2K is recommended for Western. Users must optimize antibody dilution depending upon the nature of samples and other technical conditions.

**ELISA (1:10-50K; using 50-100 ng antigen/well).**

**Histochemistry & Immunofluorescence:**

**Specificity & Cross-reactivity**

SPF chicken serum is negative for many pathogens as per European pharmacopeia. All sera are heat inactivated.

This SPF chicken serum can be used as negative control for detecting any pathogen antibodies and used at the same dilution as the antibody control.

**References:** Faisca P (2006) Res. Vet. Sci. 82, 115-125; Kraft V (1986) Lab. Anim. 36, 271-276; Eaton GJ (1982) Lab. Anim. Sci. 32, 384-386; Schioda T (1983) Nucl. Acid. Res. 11, 7317-7330; Parker JC (1979) C. Clin. Microbiol. 9, 444-447; Ishida N (1978) Adv. Vir. Res. 23, 349-383; Fox JG (1984) Lab. Anim. Med. pp62-65; Wan C-H (1995) J. Clin. Microbiol. 2007-2011

\*This product is for In vitro research use only.

**Related material available from ADI**

Catalog#	ProdDescription
SEND11-MNC	Mouse Anti-Sendai/(SeV/Parainfluenza virus 1) antibody negative control serum
SEND11-MPC	Mouse Anti-Sendai/(SeV/Parainfluenza virus 1) antibody positive control serum
SEND11-S	Chicken Anti-Sendai/(SeV/Parainfluenza virus 1) antiserum
SEND12-RNC	Rat Anti-Sendai/(SeV/Parainfluenza virus 1) antibody negative control serum
SEND12-RPC	Rat Anti-Sendai/(SeV/Parainfluenza virus 1) antibody positive control serum
SEND12-S	Goat Anti-Sendai/(SeV/Parainfluenza virus 1) antiserum
SEND13-M	Monoclonal Anti-Sendai/(SeV/Parainfluenza virus 1) IgG
SEND21-M	Monoclonal Anti-Parainfluenza virus 3 IgG
SEND22-M	Monoclonal Anti-Parainfluenza virus 2 IgG
SEND23-S	Goat Anti-Sendai (SeV/Parainfluenza virus 2/3) antiserum

AE-300600-1 Mouse Sendai/(SeV/Parainfluenza virus 1) Antibody ELISA Kit, 96 tests

AE-300610-1 Rat Sendai/(SeV/Parainfluenza virus 1) Antibody ELISA Kit, 96 tests

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