

Polyclonal Anti-Feline Infectious Peritonitis Virus (FIPV), 79-1146 (antiserum, Guinea Pig)

Catalog No. NR-2518

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Product Description: Antiserum to the 79-1146 strain of feline infectious peritonitis virus (FIPV) was produced by immunization of guinea pigs with the virus.

Lot: 4734234

Manufacturing Date: 16SEP2005

TEST	SPECIFICATIONS	RESULTS
Fluorescent Focus Forming Neutralization (FFN) Assay^{1,3}	Report results	2000
Antigen-Capture ELISA^{2,3}	Report results	102,400
Sterility (21-day incubation) Harpo's HTYE broth ⁴ , 37°C and 26°C, aerobic Trypticase soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C and 5% CO ₂	No growth No growth No growth No growth No growth No growth No growth	No growth No growth No growth No growth No growth No growth No growth
Mycoplasma Contamination Agar and broth culture (14-day incubation at 37°C)	None detected	None detected

¹Titer is expressed as the reciprocal of the highest serum dilution showing 100% neutralization of fluorescent foci determined by FFN using two-fold serial dilutions of the sera. See, Welch, S. K. and L. J. Saif. "Monoclonal Antibodies to a Virulent Strain of Transmissible Gastroenteritis Virus: Comparison of Reactivity with Virulent and Attenuated Virus." *Arch. Virol.* 101 (1988): 221-235. PubMed: 2845894.

²Titer is expressed as the reciprocal of the highest serum dilution that resulted in a mean absorbance greater than the mean absorbance of the negative sera plus three standard deviations. See, Sestek, K., et al. "Contribution of Passive Immunity to Porcine Respiratory Coronavirus to Protection against Transmissible Gastroenteritis Virus Challenge Exposure in Suckling Pigs." *Am. J. Vet. Res.* 57 (1996): 664-671. PubMed: 8723879.

³All assays were performed against the FIPV-79-1146 strain (BEI Resources NR-736) using Crandell Rees feline kidney cells.

⁴Atlas, Ronald M. *Handbook of Microbiological Media*. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 18 APR 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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