



Anti-IBV Polyclonal antibody (DPAB0197)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Purified virions. Does not cross react with influenza A virus, Parainfluenza virus (types 1-3), Respiratory Syncytial virus or Adenovirus. Negative vs monkey kidney cells by indirect immunofluorescence.
Target	IBV
Immunogen	Yamagata strain of Influenza B
Source/Host	Goat
Species Reactivity	IBV
Purification	Purified IgG fraction covalently coupled with the N-hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution.
Conjugate	Biotin
Applications	Suitable for use with avidin and streptavidin amplification systems for ELISA, IFA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Concentration	4-5mg/ml (OD280nm, E0.1%=1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 Product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Short term (up to 14 days) store at 2-8°C. Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

Influenzavirus B is a genus in the virus family Orthomyxoviridae. The only species in this genus is called "Influenza B virus". Influenza B viruses are only known to infect humans and seals, giving them influenza. This limited host range is apparently responsible for the lack of Influenzavirus B caused influenza pandemics in contrast with those caused by the morphologically similar Influenzavirus A as both mutate by both genetic drift and reassortment

Keywords

Influenza B Virus; Flu; Influenza virus type B; Group V ((-)ssRNA); Orthomyxoviridae