



## Anti-IBV Polyclonal antibody (DPAB0199)

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

### PRODUCT INFORMATION

<b>Specificity</b>	Purified virions. Reacts with all antigenic types of Influenza B in all applications. Does not cross react with influenza A virus, Parainfluenza virus (types 1–3), Respiratory Syncytial virus or Adenovirus. Negative reactivity against monkey kidney cells
<b>Target</b>	IBV
<b>Immunogen</b>	Yamagata strain of Influenza B
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	IBV
<b>Purification</b>	Purified IgG fraction of antiserum covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed. Estimated molar HRP: IgG
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in 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.
<b>Format</b>	HRP, Liquid
<b>Concentration</b>	1–2mg/ml (OD280nm, E0.1% = 1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	PBS containing 10mg/ml BSA
<b>Preservative</b>	None
<b>Storage</b>	Short term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid

multiple freeze/thaw cycles.

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## 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

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