



Anti-IAV Polyclonal antibody (DPAB0139)

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

PRODUCT INFORMATION

Specificity	Purified virions. Specific to H1N1 by IHA. Does not react with Influenza B, RSV, Parainfluenza 1-3 or Adenovirus. Does not react with HEp-2 cells. May react with chicken cellular proteins.
Target	IAV
Immunogen	Influenza A Strain: A/USSR/90/77 (H1N1)
Source/Host	Goat
Species Reactivity	IAV
Purification	95% pure. Sodium sulfate precipitation and ion-exchange chromatography
Conjugate	Unconjugated
Applications	Suitable for use in IFA and immunohistochemistry (formalin fixed/paraffin embedded sections). It is also suitable for conjugation purposes. 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.
Format	Purified, Liquid
Concentration	4-5mg/ml (OD280nm, E0.1%=1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 No stabilizing proteins have been added.
Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

Influenza A virus is a major public health threat. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes.

Keywords

Influenza A Virus; Flu; H1N1; Matrix protein M1; Group V ((-ssRNA); Orthomyxoviridae