

Avian Influenza A H7N9 Neuraminidase Antibody

Catalog # ASC11808

Product Information

Application	E
Primary Accession	R4NFR6
Other Accession	AGL44440 , 496493393
Reactivity	Virus
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	Avian Influenza A H7N9 Neuraminidase antibody can be used for detection of Avian Influenza A H7N9 Neuraminidase by ELISA at 1 μ g/ml.

Additional Information

Target/Specificity	NA; virus
Reconstitution & Storage	Avian Influenza A H7N9 Neuraminidase antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Precautions	Avian Influenza A H7N9 Neuraminidase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

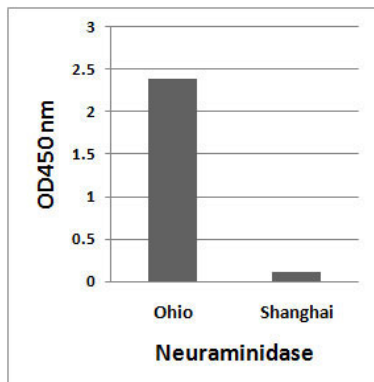
Background

Influenza A virus is a major public health threat, killing more than 30,000 people per year in the USA (1). 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 (2). These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. H7N9 bird flu is the newest atypical influenza virus infection that has just been reported since early 2013. The emergence of this new strain occurred in China and has become the present focus for possible worldwide pandemic (3).

References

Thompson WW, Shay DK, Weintraub, et al. Mortality associated with influenza and respiratory syncytial virus in the United States. JAMA 2003; 289:179-186.
Alexander DJ. A review of avian influenza. Proceedings of the European Society for Veterinary Virology (ESVV)

Images



H7N9 Neuraminidase antibody detects 10 ng of H7N9 [Influenza A virus (A/blue-winged teal/Ohio/566/2006(H7N9))] Neuraminidase peptide, and not 10 ng of H7N9 [Influenza A virus (A/Shanghai/02/2013(H7N9))] Neuraminidase peptide in ELISA.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.