

# Avian Influenza A H7N9 Hemagglutinin Antibody

Catalog # ASC11805

## Product Information

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| Application           | E                                                                                                                                    |
| Primary Accession     | <a href="#">R4NN21</a>                                                                                                               |
| Other Accession       | <a href="#">AGL44438</a> , <a href="#">496493389</a>                                                                                 |
| Reactivity            | Virus                                                                                                                                |
| Host                  | Rabbit                                                                                                                               |
| Clonality             | Polyclonal                                                                                                                           |
| Isotype               | IgG                                                                                                                                  |
| Concentration (mg/ml) | 1 mg/mL                                                                                                                              |
| Conjugate             | Unconjugated                                                                                                                         |
| Application Notes     | Avian Influenza A H7N9 Hemagglutinin antibody can be used for detection of Avian Influenza A H7N9 Hemagglutinin by ELISA at 1 µg/ml. |

## Additional Information

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

## Protein Information

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### Background

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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).

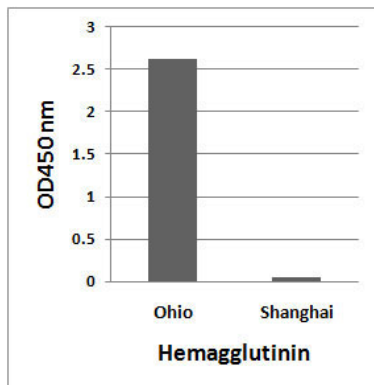
### References

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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

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

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