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# Certificate of Analysis and Data Sheet

## Goat Anti Influenza A H5N1 (Avian) Hemagglutinin (Middle Region)

**Catalog No.**  
MD-05-0310

**Species**  
Virus

**Isotype**  
IgG

### ***Preparation***

**Immunogen:** Synthetic peptide corresponding to 14 amino acids near the middle of the Hemagglutinin protein. (Genbank accession no. AAT76166)  
**Purification:** Immunoaffinity chromatography

### ***Specificity***

Hemagglutinin protein from an H5N1 strain of avian influenza (middle region).

### ***Formulation***

**Format:** Affinity Purified, Liquid  
**Concentration:** Lot specific  
**Buffer:** PBS  
**Preservative:** 0.02% Sodium azide

### ***Storage***

Store (up to 1 year) at 2–8°C.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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## Applications

**Table Summary of antibody applications and working conditions**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			
Western Blotting			.	
Immunohistology - frozen			.	
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Dot Blot			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
IFA			.	

**Note:** Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

## References

- 1) Thompson, W.W., et al., (2003), "Mortality associated with influenza and respiratory syncytial virus in the United States", JAMA, 289: 179–186.
- 2) Alexander, D.J., (2000), "A review of avian influenza. Proceedings of the European Society for Veterinary Virology (ESVV) Symposium on Influenza Viruses of Wild and Domestic Animals", Vet. Microbiol., 74, 3–13.
- 3) Shortridge, K.F., et al., (1998), "Characterization of avian H5N1 influenza viruses from poultry in Hong Kong", Virol., 252: 331–342.
- 4) Buxton Bridges, C., et al., (2000), "Risk of influenza A (H5N1) infection among health care workers exposed to patients with influenza A (H5N1), Hong Kong., J. Inf. Dis., 181: 344–348.
- 5) Iwatsuki-Horimoto, K., et al., (2004), "The index influenza A virus subtype H5N1 isolated from a human in 1997 differs in its receptor-binding properties from a virulent avian influenza virus, J. Gen. Virol., 85: 1001–1005.

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