



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and DataSheet Rabbit Anti Influenza A H5N1 NS1 (Avian)

Catalog No.
MD-05-0316

Species
Viral

Isotype
Rabbit IgG

Preparation

Immunogen: Synthetic peptide corresponding to 14 amino acids in the carboxy terminus of the NS1 protein. (Genbank accession no. ABC72653)
Purification: Immunoaffinity chromatography

Specificity

Nonstructural protein 1 (NS1) from an H5N1 strain of avian influenza A.

Formulation

Host Animal: Rabbit
Format: Affinity Purified, Liquid
Concentration: 1mg/ml
Buffer: PBS
Preservative: 0.02% Sodium Azide

Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			

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

Storage

Store (up to 1 year) at 2-8°C.
Centrifuge before opening to ensure complete recovery of vial contents.

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



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

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. Krug, R.M., et al., (2003), “Intracellular warfare between human influenza viruses and human cells: the role of the viral NS1 protein”, Virology, **309**: 181–189.
4. Min, J-Y. and Krug, R.M., (2006), “The primary function of RNA binding by the influenza A virus NS1 protein in infected cells: inhibiting the 2’-5’ oligo (A) synthase/RNase L pathway”, Proc. Natl. Acad. Sci. USA, **103**: 7100–7105.
5. Li, S., et al., (2006), “Binding of the influenza A NS1 protein to PKR mediates the inhibition of its activation by either PACT or double-stranded RNA”, Virology, **349**: 13–21.

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