

### **Polyclonal Anti-Influenza M1, A/NWS/34 (HA) x A/equine/Prague/1/56 (NA) (H1N1), (antiserum, Goat)**

#### **Catalog No. NR-3134**

This reagent is the property of the U.S. Government.

#### **Lot (NIAID Catalog) No. V-306-501-157**

#### **For research use only. Not for human use.**

#### **Contributor:**

National Institutes of Allergy and Infectious Diseases (NIAID),  
National Institutes of Health (NIH)

#### **Product Description:**

Reagent: Polyclonal antiserum

Host: Goat

Immunizing Antigen: Influenza M1, A/NWS/34 (HA) x  
A/equine/Prague/1/56 (NA) (H1N7); formerly, Influenza  
M1, A/NWS/34 (HA) x A/equine/Prague/1/56 (NA)  
(H0Neq1)

#### **Material Provided/Storage:**

Content: Freeze-dried serum

Original Volume: 1.0 mL

Storage Temperature: 4°C

#### **Reconstitution:**

Reconstitute with 1.0 mL of sterile, distilled water.

#### **Functional Activity:**<sup>1,2</sup>

Double Immunodiffusion:

Conditions: Hyland double immunodiffusion plates after  
disruption of purified virus with SDS

Positive Reaction:

Matrix

Negative Reaction:

Ribonucleoprotein (RNP)

Single Radial Diffusion:

Positive Reaction:

Matrix protein

#### **Citation:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Polyclonal Anti-Influenza M1, A/NWS/34 (HA) x A/equine/Prague/1/56 (NA) (H1N1), (antiserum, Goat), NR-3134."

#### **Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see [www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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#### **References:**

1. Schild, G. C. and H. G. Pereira. "Characterization of the Ribonucleoprotein and Neuraminidase of Influenza A Viruses by Immunodiffusion." *J. Gen. Virol.* 4 (1969): 355-363. PubMed: 4977660.
2. NIAID. "NIAID Resources for Influenza Research". (1998): [www.kamtekinc.com/pdfdoc/niaidfc.pdf](http://www.kamtekinc.com/pdfdoc/niaidfc.pdf).

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