Polyclonal Anti-Influenza Virus N9 Neuraminidase (NA), A/tern/Australia/G70C/1975 (H1N9), (antiserum, Goat)

Catalog No. NR-667
This reagent is the property of the U.S. Government.

For research use only. Not for human use.

Contributor and Manufacturer:
NIH - Influenza Pandemic Preparedness in Asia Program

Product Description:
Antiserum to the N9 neuraminidase (NA) from influenza virus A/tern/Australia/G70C/1975 (H1N9) was produced by immunization of goat with the recombinant protein.

Material Provided:
Each vial contains lyophilized (0.5 mL) goat polyclonal antiserum to the N9 NA from influenza virus A/tern/Australia/G70C/1975 (H1N9). Note: The strain designation on the vials is incorrect. The vials should be labeled influenza virus, A/tern/Australia/G70C/1975 (H1N9) rather than A/tern/Australia/G70C/75 (H1N9).

Packaging/Storage:
The lyophilized antiserum was packaged aseptically, in glass serum vials with an aluminum crimp seal. The product is provided frozen and should be stored at -20°C to -40°C immediately upon arrival. At colder temperatures, the rubber stopper may become brittle and compromise the seal. NR-667 should be reconstituted with 0.5 mL of sterile distilled water. Note: Reconstitution with PBS (per the vial label) will result in excess salt. Reconstituted serum should be stored at -20°C to -40°C. Reconstituted serum may be thawed at room temperature (preferred) or at 37°C and may be re-frozen.

Functional Activity:
NR-667 is specific to the N9 NA subtype of influenza virus as determined in serological neuraminidase inhibition (NI) assays. NR-667 demonstrates broad reactivity within the N9 NA subtype, including both North American and Eurasian N9 NA isolates, based on NI and ELISA assays. Applications: NI, ELISA, Western blot, virus neutralization test.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Influenza Virus N9 Neuraminidase (NA), A/tern/Australia/G70C/1975 (H1N9), (antiserum, Goat), NR-667.”

Biosafety Level: 1

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References:
Neuraminidases and Influenza Virus Replication.”
PubMed: 11897583.


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