

H3N2 Brisbane

Description: Allantoic fluid of 10 days old embryonated eggs, inoculated with influenza A virus, strain A/Brisbane/10/07. The Influenza Virus was purified by Ultracentrifugation with 10-40 % sucrose gradient.

Catalog #: IHPS-031

For research use only.

Physical Appearance: Sterile Filtered whitish (milky) solution.

Purity: Greater than 90.0% as determined by Analysis by SDS-PAGE.

Formulation:

The H3N2 A/Brisbane/10/07 solution contains STE, 0.1 % sodium azide (NaN₃) and 0.005 % thimerosal.

Stability:

A/Brisbane/10/07 although stable 4°C for 4 weeks, should be stored below -18°C. Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

H3N2 is a subtype of the influenza A virus. Its name derives from the forms of the two kinds of protein on the surface of its coat, hemagglutinin(H) and neuraminidase(N). H3N2 exchanges genes for internal proteins with other influenza subtypes. H3N2 has tended to dominate in prevalence over H1N1, H1N2, and influenza B. H3N2 strain descended from H2N2 by antigenic shift, in which genes from multiple subtypes re-assorted to form a new virus. Both the H2N2 and H3N2 strains contained genes from avian influenzaviruses.

References:

Title: Broadly cross-reactive antibodies dominate the human B cell response against 2009 pandemic H1N1 influenza virus infection
publication: The Rockefeller University Press, doi: 10.1084/jem.20101352

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