

Active Native IAV H3N2 Protein

Cat. No. H3N2-02I Lot. No. (See product label)

SPECIFICATION

Product Overview

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.

Thimerosal and beta propiolactone treatment

This product has been treated in a manner consistent with methods of inactivation. Generally accepted good laboratory practices appropriate to microbiological/viral safe handling practices and techniques are required at work.

Species IAV

Source Allantoic fluid

Description

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 influenza viruses.

Form Sterile Filtered whitish (milky) solution.

Bio-activity

Tested with anti-influenza A monoclonal antibodies in ELISA.

Serological studies of influenza A virus, immunogen for antibody production.

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Purity	Greater than 90.0% as determined by SDS-PAGE.
Notes	Our 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.
Storage	A/Brisbane/10/07 although stable 4 centigrade for 4 weeks, should be stored below -18 centigrade. Please prevent freeze-thaw cycles.
Storage Buffer	The H3N2 A/Brisbane/10/07 solution contains STE, 0.1% sodium azide (NaN ₃) and 0.005% thimerosal.
Shipping	Shipped with Ice Packs
GENE INFORMATION	
Official Symbol	H3N2
Synonyms	H3N2; hemagglutinin; neuraminidase

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