

## Active Native IAV H3N2 Protein

Cat. No. H3N2-011 Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Allantoic fluid of 10 days old embryonated eggs, inoculated with influenza A virus, strain A/Panama/2007/99. 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** Opaque suspension.

**Bio-activity** Tested with anti-influenza A monoclonal antibodies in ELISA.  
Serological studies of influenza A virus, immunogen for antibody production.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Notes</b>	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.
<b>Storage</b>	A/Panama/2007/99 although stable 4 centigrade for 4 weeks, should be stored below -18 centigrade. Please prevent freeze-thaw cycles.
<b>Storage Buffer</b>	The H3N2 A/Panama/2007/99 solution contains STE, 0.09% sodium azide (NaN <sub>3</sub> ) and 0.005% thimerosal. Stir thoroughly prior to its use.
<b>Shipping</b>	Shipped with Ice Packs

## GENE INFORMATION

<b>Official Symbol</b>	H3N2
<b>Synonyms</b>	H3N2; hemagglutinin; neuraminidase

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