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# Certificate of Analysis and Data Sheet

## Recombinant Influenza A Virus (H3N2) Hemagglutinin, New York 55/04

**Catalog No.**  
228-11155

**Source**  
*Baculovirus Insect Cells*

### ***Introduction***

H3N2 is a subtype of the influenza A virus. Its name derives from the forms of the two kinds of proteins 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.

### ***Description***

Recombinant Full-Length H3N2 A/New York/55/04 is glycosylated with N-linked sugars, produced using baculovirus vectors in insect cells and its Mw is 70,000 dalton.

### ***Physical Appearance***

Sterile Filtered colorless solution. The Recombinant H3N2 A/New-York/55/04 solution contains 30mM Sodium phosphate, pH 7.4 and 500mM NaCl.

### ***Stability***

H3N2 A/New-York/55/04 Recombinant should be stored at 4°C.

### ***Immunological Activity***

Western-Blot 0.1µg -1µg per strip, ELISA 1µg/Well.

### ***Purity***

Greater than 90% as determined by SDS PAGE.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**