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H3N2 Kiev

H3N2 Influenza-A Virus Kiev/301/94
VAG0163

Product Overview

Name	H3N2 Kiev

Description

H3N2 Influenza-A Virus Kiev/301/94

Introduction

H3N2 is a subtype of the influenza A virus. Its name derives from the forms of the two kinds of proteinson 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 H2N2by antigenic shift, in which genes from multiple subtypes re-assorted to form a new virus. Both the H2N2and H3N2 strains contained genesfrom avian influenzaviruses.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The H3N2 A/Kiev/301/94 solution contains 0.1M NaCl, 10mM Tris-Hcl, 1mM EDTA pH-8, 0.1% sodium azide (NaN3) and 0.005% thimerosal.

Stability

A/Kiev/301/94 although stable 4°C for 4 weeks, should be stored below -18°C. Please prevent freeze-thaw cycles.

Purity

Greater than 90.0% as determined byAnalysis by SDS-PAGE.

Inactivation

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.

Immunological Activity

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

Precautions

H3N2 Kiev is for research use only and not for use in diagnostic or therapeutic procedures.

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