9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

H3N2 Brisbane

H3N2 Influenza-A Virus Brisbane 10/07
VAG0159

Product Overview

Name	H3N2 Brisbane

Description

H3N2 Influenza-A Virus Brisbane 10/07

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 whitish (milky) solution.

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.

Purity

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

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 © 2011 Wrammert et al. Link : H3N2 Brisbane prospec publication

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

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

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Precautions

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