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H1N1 Beijing

H1N1 Influenza-A Virus Beijing/262/95
VAG0153

Product Overview

Name	H1N1 Beijing

Description

H1N1 Influenza-A Virus Beijing/262/95

Introduction

H1N1 is a subtype specie of Influenza A virus. H1N1 Influenza Virus has mutated into various strains such as the Spanish Flustrain, mild humanflu strains, endemic pigstrains, and various strains found in birds. The Influenza A Virus is a globular particle about 100nm in diameter, sheathed in a lipid bilayer derived from the plasma membrane of its host. Studded in the lipid bilayer are two integral membrane proteins some 500 molecules of hemagglutinin ("H") and some 100 molecules of neuraminidase ("N"). Within the lipid bilayer are 3000 molecules of matrix protein and 8 pieces of RNA. Each of the 8 RNA molecules is associated with many copies of a nucleoprotein, several molecules of the three subunits of its RNA polymerase some "non-structural" protein molecules of uncertain function.

Physical Appearance

Opaque suspension.

Formulation

The H1N1 A/Beijing/262/95 solution contains STE, 0.09% sodium azide (NaN3) and 0.005% thimerosal. Stir thoroughly prior to its use.

Stability

H1N1 A/Beijing/262/95 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 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.

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Precautions

H1N1 Beijing is for research use only and not for use in diagnostic or therapeutic procedures.