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

H1N1 Taiwan

H1N1 Influenza-A Virus Taiwan/1/86
VAG0158

Product Overview

Name	H1N1 Taiwan

Description

H1N1 Influenza-A Virus Taiwan/1/86

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

Sterile Filtered colorless solution.

Formulation

The H1N1A/Taiwan/1/86 solution contains STE, 0.1% sodium azide (NaN3) and 0.005% thimerosal.

Stability

A/Taiwan/1/86 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

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

Precautions

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

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