
Product Data Sheet

Product Name: Influenza-A Solomon Islands

Cat. No.: GP25511

Batch No.: 1

Product Data

Purity >98%

Source

Physical
Appearance solid

Shipping
Condition Shipped with Ice Packs.

Formulation The H1N1 A/Solomon Islands/03/06 solution contains 0.1M NaCl, 10mM Tris-HCl, 1mM EDTA pH-8 (STE), 0.1% sodium azide (NaN₃) and 0.005% thimerosal.

Introduction

H1N1 is a subtype specie of Influenza A virus. H1N1 Influenza Virus has mutated into various strains such as the Spanish Flu strain, mild human flu strains, endemic pig strains, 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.

Stability

A/Solomon Islands/03/06 although stable 4°C for 4 weeks, should be stored below -18°C . Please prevent freeze-thaw cycles.

Background

Allantoic fluid of 10 days old embryonated eggs, inoculated with influenza A virus, strain A/Solomon Islands/03/06. The Influenza Virus was purified by Ultracentrifugation with 10-40 % sucrose gradient.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA