
Product Data Sheet

Product Name: Influenza B Malaysia
Cat. No.: GP25501
Batch No.: 1

Product Data

Purity	>98%	Source	Baculovirus Insect Cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	The Recombinant B/Malaysia/2506/2004 solution contains 10mM Sodium Phosphate, pH 7.0 and 150mM NaCl, 0.005% Tween-20.		

Introduction

Influenza-B virus is a genus in the virusfamily Orthomyxoviridae. The only species in this genus is called "Influenza B virus". Influenza B virus only infects humansand seals. This limited host range is apparently in contrast with those caused by the similar Influenza virus Aas both mutate by both genetic drift and reassortment. Influenza-B virus evolves slower than A viruses and faster than C viruses. Influenza-B virus mutates at a rate 2-3 times lower than type A. However, influenza B mutates enough that lasting immunity is not possible. The Influenza B virus capsidis enveloped while its virionconsists of a matrix protein + envelope + nucleoprotein complex + nucleocapsid, and a polymerasecomplex. Influenza B is sometimes spherical and sometimes filamentous. Its 500 or so surface projections are made of hemagglutinin and neuraminidase. The Influenza B virus is 14648 nucleotideslong and consists of eight segments of linear negative-sense, single-stranded RNA. The multipartite genome is encapsidated, each segment in a separate nucleocapsid, and the nucleocapsids are surrounded by one envelope.

Stability

B/Malaysia/2506/2004 Recombinant should be stored at 4°C .

Background

Recombinant Full-Length B/Malaysia/2506/2004 is glycosylated with N-linked sugars, produced using baculovirus vectors in insect cells. The MW is approximately 72,000 Dalton.

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

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