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Influenza-B Jilin

Influenza-B Virus Jilin 20/2003 Recombinant
VAG0386

Product Overview

Name	Influenza-B Jilin

Description

Influenza-B Virus Jilin 20/2003 Recombinant

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.

Source

Baculovirus Insect Cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The Recombinant B/Jilin/20/2003 solution contains 10mM Sodium phosphate, pH 7.4 and 150mM Sodium Cloride.

Stability

B/Jilin/20/2003 Recombinant should be stored at 4°C.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Immunological Activity

Western-Blot 0.1 µg -1 µg per strip, ELISA 1 µg/Well.

Precautions

Influenza-B Jilin is for research use only and not for use in diagnostic or therapeutic procedures.

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