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Zika Envelope, sf9

Zika Envelope Recombinant, sf9
VAG0508

Product Overview

Name	Zika Envelope, sf9

Description

Zika Envelope Recombinant, sf9

Introduction

Zika virus (ZIKV) belongs to the family Flaviviridae and the genus Flavivirus, it is transmitted by daytime-active Aedes mosquitoes, such as A. aegypti and A. albopictus. The Zika virus is related to the dengue, yellow fever, Japanese encephalitis, and West Nile viruses. Much like the other flaviviruses, Zika virus is enveloped and icosahedral and has a nonsegmented, single-stranded, positive-sense RNA genome. Zika fever is an infection, which often causes no symptoms or only mild ones, like a mild form of dengue fever, and it is treated by rest. As of February 2016, there has been mounting evidence that Zika fever in pregnant women can cause abnormal brain development in their fetuses by mother-to-child transmission, which may result in miscarriage or microcephaly, however it is not yet known whether Zika virus causes microcephaly. Furthermore, a connection has been established with neurologic conditions in infected adults, including Guillain–Barre syndrome.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered solution.

Formulation

Zika Envelope protein contains Phosphate buffered saline, pH 7.4 and 0.09% NaN 3 .

Stability

Zika Envelope protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles .

Purity

Zika Envelope protein is >80% pure as determined by SDS-PAGE.

Applications

Each laboratory should determine an optimum working titer for use in its particular application.

Precautions

Zika Envelope, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

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