
Product Information

Influenza A Virus (H5N1) Inactivated Virus

Cat. No.: **VLP-057YF**

This product is for research use only and is not intended for diagnostic use.

H5N1 is produced by chicken embryo and formulated with split virus particles, incomplete virus structure. The virus particles have been chemically modified to render them non-infectious and refrigerator stable. The inactivation was verified in a standard microbiological growth protocol. H5N1 antigen can be used in the development of H5N1 diagnostics and in vaccine development and R&D.

Product Specifications

Expression Systems

Chicken embryo

Form

Liquid/ Solid

Alternative Names

Influenza A virus; Influenza A virus antigen; Influenza type A virus; Influenza type A virus antigen; Influenza virus A; Influenza virus A antigen; H5N1; H5N1 antigen

Storage

Store at 2-8 °C.

Virus Background

Virus Family

Orthomyxoviridae

Virus Species

Influenza A virus

Virus Strain

A/Ck/Scot/59 (H5N1)

Virus Overview

Influenza A virus causes influenza in birds and some mammals, and is the only species of the genus Alphainfluenzavirus of the virus family Orthomyxoviridae. Influenza A viruses are negative-sense, single-stranded, segmented RNA viruses. The several subtypes are labeled according to an H number (for the type of hemagglutinin) and an N number (for the type of neuraminidase). There are 18 different known H antigens (H1 to H18) and 11 different known N antigens (N1 to N11). Each virus subtype has mutated into a variety of strains with differing pathogenic profiles; some are pathogenic to one species but not others, some are pathogenic to multiple species.

Virus Structure

Enveloped, negative-sense, single-stranded RNA virus

Related Disease

Influenza