

Product Information

Respiratory Syncytial Virus (RSV) Inactivated Virus

Cat. No.: **VLP-074YF**

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

Respiratory syncytial virus stock is produced by cell culture and formulated with purified, intact viral particles. 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. RSV stock can be used in the development of RSV diagnostics and in vaccine development and R&D.

Product Specifications

Expression Systems

Cell culture

Form

Liquid

Alternative Names

Respiratory syncytial virus; RSV; Respiratory syncytial virus antigen; RSV antigen; human respiratory syncytial virus; hRSV; human respiratory syncytial virus antigen; hRSV antigen; human orthopneumovirus; human orthopneumovirus antigen

Storage

Store at -80°C long term. Avoid repeated freeze/thaw cycles.

Virus Background

Virus Family

Pneumoviridae

Virus Species

Human orthopneumovirus

Virus Overview

Respiratory syncytial virus (RSV), also called human respiratory syncytial virus (hRSV) and human orthopneumovirus, is a very common, contagious virus that causes infections of the respiratory tract. It is a negative-sense, single-stranded RNA virus, and its name is derived from the large syncytia that form when infected cells fuse together. While RSV is the single most common cause of respiratory hospitalization in infants, reinfection remains common throughout the lifetime and it is an important pathogen in all age groups.

Virus Structure

Enveloped, negative-sense, single-stranded RNA virus

Related Disease

Infections of the respiratory tract