

Product Information

Sapoviruses Virus-like Particles (SaV VLPs)

Cat. No.: **VLP-041YF**

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

Recombinant Sapoviruses Virus-like Particles (SaV VLPs) are produced in yeast cell expression system, assembled with capsid proteins. VLP is mimicking the native 3D structure of viruses which can elicit strong immune responses. However, VLPs lack viral genomic material which makes them non-infectious, unable to replicate and enhance the safety during manufacture and administration. SaV VLPs can be used in the development of SaV diagnostics and in vaccine development and R&D (including use as an immunogen).

Product Specifications

Structural Proteins

Capsid proteins

Expression Systems

Yeast cell expression system

Form

Liquid

Alternative Names

Sapoviruses Virus-like Particles; Sapoviruses VLPs; SaV VLPs; SaV Virus-like Particles; Virus-like Particles; VLPs

Storage

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

Virus Background

Virus Family

Caliciviridae

Virus Species

Sapporo virus

Virus Overview

Sapovirus is a genetically diverse genus of single-stranded positive-sense RNA, non-enveloped viruses within the family Caliciviridae. Together with norovirus, sapoviruses are the most common cause of acute gastroenteritis in humans and other animals. It is a monotypic taxon, containing only one species, Sapporo virus.

Natural hosts for the virus are humans and swine. The virus is transmitted through oral/fecal contact. Symptoms most commonly include diarrhea and vomiting.

Virus Structure

Non-enveloped, single-stranded positive-sense RNA virus

Related Disease

Diarrhea and vomiting