

Product Information

Rabies Lyssavirus (RABV) Inactivated Virus

Cat. No.: **VLP-059YF**

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

Rabies lyssavirus 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. RABV stock can be used in the development of RABV diagnostics and in vaccine development and R&D.

Product Specifications

Expression Systems

Cell culture

Form

Liquid

Alternative Names

Rabies lyssavirus; Rabies virus; RABV; Rabies lyssavirus antigen; Rabies virus antigen; RABV antigen

Storage

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

Virus Background

Virus Family

Rhabdoviridae

Virus Species

Rabies lyssavirus

Virus Overview

Rabies lyssavirus (RABV), is a neurotropic virus that causes rabies in humans and animals. Rabies lyssavirus has a cylindrical morphology and is the type species of the Lyssavirus genus of the Rhabdoviridae family. These viruses are enveloped and have a single stranded RNA genome with negative-sense. The genetic information is packaged as a ribonucleoprotein complex in which RNA is tightly bound by the viral nucleoprotein. The RNA genome of the virus encodes five genes whose order is highly conserved. These genes code for nucleoprotein (N), phosphoprotein (P), matrix protein (M), glycoprotein (G) and the viral RNA polymerase (L). The complete genome sequences range from 11,615 to 11,966 nt in length.

Virus Structure

Enveloped, negative-sense, single-stranded RNA virus

Related Disease

