

# Product Information

## Human coronavirus 229E (HCoV-229E) Chemical-Inactivated Virus Particles

Cat. No.: **S01YF-0622-KX39**

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

229E virus stock is produced by cell culture and formulated with purified, intact viral particles. The virus particles have been inactivated to render them non-infectious and refrigerator stable. The inactivation was verified in a standard microbiological growth protocol. 229E stock can be used in the development of 229E diagnostics and in vaccine development and R&D.

### Product Specifications

#### Expression Systems

Cell culture

#### Form

Liquid

#### Alternative Names

Human coronavirus 229E; HCoV-229E; 229E

#### Storage

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

### Virus Background

#### Virus Family

Coronaviridae

#### Virus Species

Human coronavirus 229E

#### Virus Overview

Human coronavirus 229E (HCoV-229E) is a species of coronavirus which infects humans and bats. It is an enveloped, positive-sense, single-stranded RNA virus which enters its host cell by binding to the APN receptor. Along with Human coronavirus OC43 (a member of the Betacoronavirus genus), it is one of the viruses responsible for the common cold. HCoV-229E is a member of the genus Alphacoronavirus and subgenus Duvinacovirus.

#### Virus Structure

Enveloped, positive-sense, single-stranded RNA virus

#### Related Disease

Cold