

## Biosafety Clearing-House (BCH)

ORGANISM (ORGA)

BCH-ORGA-SCBD-114710-2

LAST UPDATED: 30 JUN 2020

**Organism information**

Scientific name

Yellow fever virus

Taxonomic Classification

Kingdom Orthornavirae  
Phylum Kitrinoviricota  
Class Flasuviricetes  
Order Amarillovirales  
Family Flaviviridae  
Genus Flavivirus  
Species Yellow fever virus

Common name(s)

YFV 17D

EN

**Additional classification**

Group (virus)

Group IV ((+)ssRNA)

Type of organism

Viruses

**Characteristics related to biosafety**

Known pathogenicity and/or allergenicity

The YFV 17D is a live attenuated vaccine strain and is designed to cause an immune response to confer protection to wild-type *Yellow fever virus*.

EN

Common use(s)

Research  
Vaccine

**Additional Information**

The YFV 17D is the only available vaccine against Yellow fever.

The wild-type *Yellow fever virus* is present in tropical regions of Africa, South America, and Central America.

EN

Other relevant website addresses and/or attached documents

? [WHO newsroom Yellow fever \( English \)](#)

? [WHO Yellow fever vaccine \( English \)](#)

? [The yellow fever 17D virus as a platform for new vaccines.pdf \( English \)](#)

? [Virus Pathogen Resource - Yellow fever virus strain 17D \( English \)](#)

? [Live Attenuated Yellow Fever 17D Vaccine - A Legacy Vaccine Still Controlling Outbreaks In Modern Day.pdf \( English \)](#)

BCH-ORGA-SCBD-114710-2

## Further Information

Questions about the Cartagena Protocol on Biosafety or the operation of the Biosafety Clearing-House may be directed to the Secretariat of the Convention on Biological Diversity.

**Secretariat of the Convention  
on Biological Diversity**

413 rue Saint-Jacques, suite 800  
Montreal, Québec, H2Y 1N9  
Canada

Fax: +1 514 288-6588

Email: [secretariat@cbd.int](mailto:secretariat@cbd.int)