

Biosafety Clearing-House (BCH)

ORGANISM (ORGA)

BCH-ORGA-SCBD-105172-5

LAST UPDATED: 29 JUN 2020

Organism information

Scientific name

Gallid alphaherpesvirus 1

Taxonomic Classification

Kingdom Heunggongvirae
Phylum Peploviricota
Class Herviviricetes
Order Herpesvirales
Family Herpesviridae
Genus Iltovirus
Species Gallid alphaherpesvirus 1

Alternate scientific name(s) (synonym(s))

Gallid herpesvirus 1
ILT Virus
GaHV-1
ILTV
Avian herpesvirus 1
Infectious laryngotracheitis virus

Common name(s)

ILTV

EN

Additional classification

Group (virus)

I (dsDNA)

Type of organism

Viruses

Characteristics related to biosafety

Centre(s) of genetic diversity

It was originally recognized as a disease of chickens in the United States in 1926.

EN

Known pathogenicity and/or allergenicity

Gallid alphaherpesvirus 1 (GaHV-1) (also known as Avian herpesvirus 1) is a virus of the family Herpesviridae that causes avian infectious laryngotracheitis.

The disease is usually referred to as Infectious laryngotracheitis or simply LT in the poultry industry. It is widely viewed as one of the most contagious viruses that affect the poultry industry. A confirmed case will usually result in the establishment of a quarantine zone around the farm. Inside this quarantine zone, poultry workers will avoid poultry farms to prevent the spread of the virus.

GaHV-1 is shed in respiratory secretions and transmitted by droplet inhalation or via fomites. A previously unexposed flock will develop cases for two to eight weeks following introduction. The incubation period is two to eight days.

EN

Common use(s)

Vaccine

Additional Information

Other relevant website addresses and/or attached documents

? [Gallid herpesvirus 1 - Wikipedia](#) (*English*)

? [Gallid herpesvirus 1 \(infectious laryngotracheitis virus\): cloning and physical maps of the SA-2 strain](#) (*English*)

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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

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