

HER number

419

## Identification

Name

φ8

Morphotype

E2

Other designations

phi8, phi-8

## Taxonomy

Realm

Kingdom

Phylum

Class

Order

Family

Cystoviridae

Genus

Cystovirus

Species

Cystovirus phi8

## Images

Electron Micrograph

Image

FHRCBV

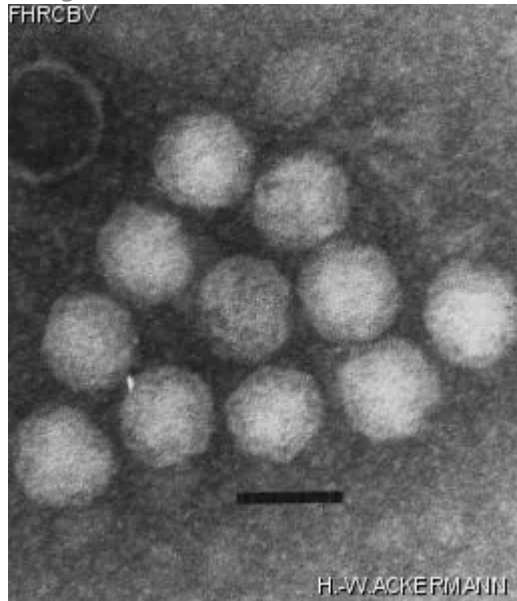


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PT

Characteristics

Plaques: 1 mm, clear.

Genomic sequence

Activated

## Propagation conditions

### *Bacterial hosts*

1419

### *Reference*

Mindich, L. and coll. 1999. Isolation of additional bacteriophages with genomes of segmented double-stranded RNA. J. Bacteriol. 181: 4505-4508.

### *Remarks*

Lipid envelope, double-stranded DNA.

Inactivated by chloroform or detergents.

Grows poorly.

Loss of 2 log in 1 month at 4°C.

Kills host without propagation at high M.O.I.

Forms plaques on heptose-less strains of \*S. typhimurium\*.

## History

### *History*

#### **Isolated by**

Xueying Quiao

Mindich's Laboratory

New York

#### **Date**

1998

#### **Received from**

Dr L. Mindich

Dept. of Microbiology

Public Health Research Institute

455 First Avenue, New York, NY 10016

#### **Date**

26-08-2000

### *Source*

\*Pisum sativum\* (snow pea) leaves.

### *Updated at*

2024-01-22