

HER number

140

Identification

Name
AP50

Morphotype
D4

Other designations
AP 50

Taxonomy

Realm
Varidnaviria

Kingdom
Bamfordvirae

Phylum
[Preplasmiviricota](#)

Class
Tectiliviricetes

Order
Kalamavirales

Family
Tectiviridae

Genus
Betatectivirus

Species
Betatectivirus AP50

Images

Electron Micrograph

Image

FHRCEV

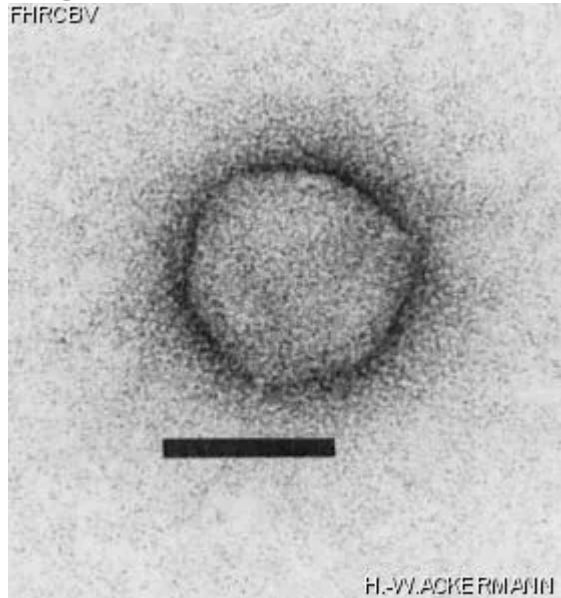


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

Characteristics

Strain HER 1039 is lysogen for phage AP50.
Plaques: 0.5-1mm, veiled.
Fragile; Propagate every year.
Double coat, pseudotail, sensitive to chloroform and ether, first claimed to contain RNA.
May be preserved in spore of HER 1039 or HER 1140.
Induction of HER 1039 by 0.5- 1mg/ml mitomycin C.
Does not survive lyophilization, keeps poorly at -70C.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1140

Reference

Nagy, E. 1974. A highly specific phage attacking *Bacillus anthracis* strain Sterne. Acta Microbiol. Acad. Sci. Hung. 21:257-263.

Remarks

History

History

Received from

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09-13-1982

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Isolated by

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Date

1973 ?

Source

Soil, Hungary

Updated at

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