

HER number
315

Identification

<i>Name</i> 315	<i>Morphotype</i> C1 (Podophage)	<i>Other designations</i> O8
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Taxonomy

<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> ?1	<i>Genus</i>	<i>Species</i>

Images

Electron Micrograph
Image

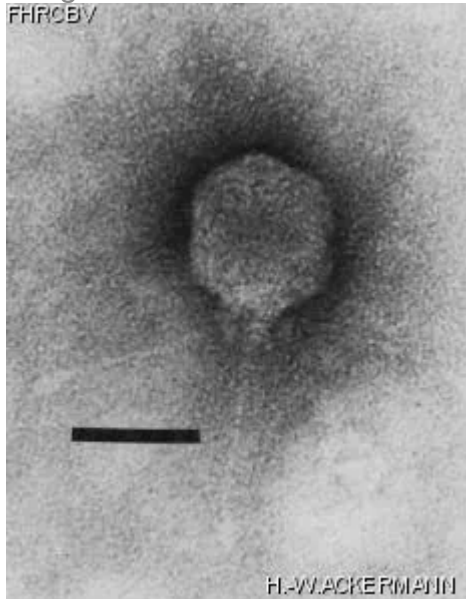


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UAB

Characteristics
Clear plaques between 1.0-1.5mm

Genomic sequence
Deactivated

Propagation conditions

Bacterial hosts

1315

Reference

Jann, K., G. Schmidt, B. Wallenfels, E. Freund-Molbert. 1971. Isolation and characterization of *Escherichia coli* bacteriophage omega-8 specific for *E. coli* strains belonging to sero-group O 8. J. Gen. Microbiol. 67(3):289-297.

Remarks

Specific for uncapsulated *E.coli* O 8 strains.

Has endo-o-mannosidase, hydrolyzing the O 8 antigen (on tail fiber and free in lysate).

History

History

Received from

Dr Klaus Jann
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Germany

Date

15-04-1988

Isolated by

Dr Klaus Jann

Date

1970

Source

Sewage

Updated at

2024-01-19