# Phage HER 249

*HER number*
249

## Identification

| *Name* | *Morphotype* | *Other designations* | |
|---|---|---|---|
| ϕYeO3-12 | C1 (Podophage) | | |

## Taxonomy

| *Realm* | *Kingdom* | *Phylum* | *Class* |
|---|---|---|---|
| *Duplodnaviria* | *Heunggongvirae* | *Uroviricota* | *Caudoviricetes* |
| *Order* | *Family* | *Genus* | *Species* |
| *Autographivirales* | *Autotranscriptaviridae* | *Teetrevirus* | *Teetrevirus YeO312* |

## Images

*Electron Micrograph Image*

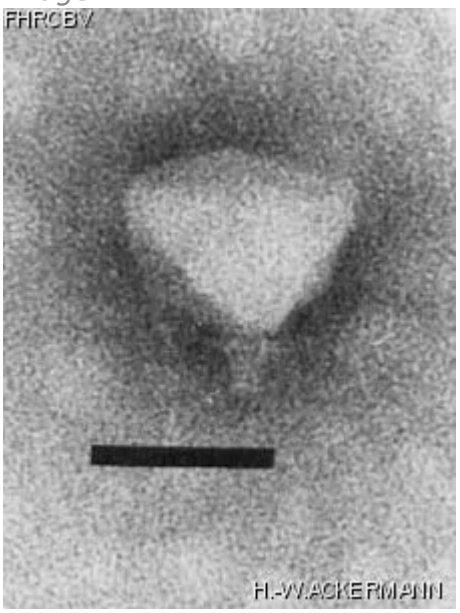



*Image description*
Magnification: 297,000X
Bar: 50 nm
Staining: PT

*Characteristics*

Plaques: 2-5 mm, clear.
Highly specific for serotypes O:1, O:2, O:3.

*Genomic sequence*

Activated

## Propagation conditions

*Bacterial hosts*

1249

*Reference*

Al-Hendy, A., P. Toivanen, and M. Skurnik. 1991. Expression cloning of *Yersinia enterolitica* O:3 rfb gene cluster in *Escerichia coli* K12. Microbial Pathogenesis 10: 47-59.
Pajunen, M.I., S.J. Kiljunen, M.E.-L. Séderholm, and M. Skurnik. 2001. Complete genomic sequence of the lytic bacteriophage Î¦YeO3-12. J. Bacteriol. 183:1928-1937.

*Remarks*

For phage propagation, use TSB and incubate at 25°C with agitation.

For phage titration, use TSA and incubate at 37°C.

## History

*History*

**Received from**

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**Date**

09-10-1998

**Isolated by**

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**Date**

1988

| |
|---|
| *Source*<br>Sewage |
| *Updated at*<br>2024-01-17 |