Phage HER 240

HER number
240

Identification

Name	*Morphotype*	*Other designations*	
pilHα	E1	Hα	

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Riboviria	*Orthornavirae*	*Lenarviricota*	*Leviviricetes*
Order	*Family*	*Genus*	*Species*

Images

Electron Micrograph

Image

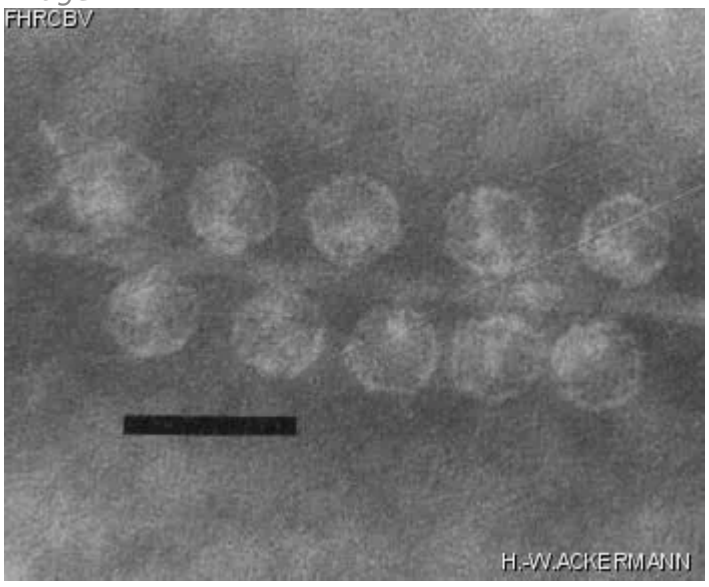


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: PTB

Characteristics

Veiled plaques, <0.1 to 1mm.
Adsorbs to IncHI and IncHII plasmid-coded pili.
Preparations are rich in broken pili with adsorbed phages.
Propagating strain : *E. coli* K12 containing R27::TnlacZ (resistant to kanamycin and tetracycline)

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1240

Reference

Coetzee, J.N., D.E. Bradley, J. Fleming, L. du Toit, V.M. Hughes, and R.W. Hedges. 1985. Phage pilH?: a phage which adsorbs to IncHI and IncHII plasmid-coded pili. J. Gen. Microbiol. 131:1115-1121.

Remarks

Propagates better below 30°C.

History

History

Received from	**Date**
(replacement phage) Dr Diane E. Taylor University of Alberta Department of Medical Microbiology and Infectious diseases Edmonton, Alberta, T6G 2H7	01-07-1993
Received from	**Date**
J.N. Coetzee Institute for Pathology P.O. Box 2034 Pretoria 0001 South Africa	03-27-1987
Isolated by	**Date**
J.N. Coetzee Pretoria, South Africa	early 1980’s

Source

Sewage

Updated at

2024-01-17