

HER number
254

Identification

<i>Name</i> PM2	<i>Morphotype</i> D3	<i>Other designations</i>	
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Taxonomy

<i>Realm</i> Varidnaviria	<i>Kingdom</i> Abadenavirae	<i>Phylum</i> Produgelaviricota	<i>Class</i> Belvinaviricetes
<i>Order</i> Vinavirales	<i>Family</i> Corticoviridae	<i>Genus</i> Merivirus	<i>Species</i> Merivirus PM2

Images

Electron Micrograph

Image

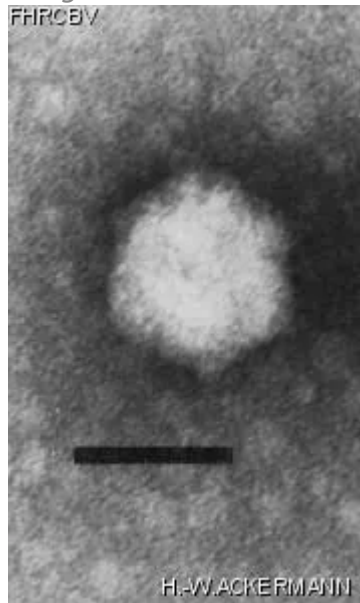


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PT

Characteristics

Clear plaques of 1.5 mm with halo of 1.5-2 mm.
Complex shell, contains lipid, ether- and chloroform-sensitive.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1254

Reference

Franklin, R.M., R. Marcoli, H. Satake, R. Schéfer, and D. Schneider. 1977. Recent studies on the structure of bacteriophage PM2. *Med. Microbiol. Immunol.* 164: 87-95.

Ménnisté, R.H., H.M. Kivelé, L. Paulin, D.H. Bamford, and J.K.H. Bamford. 1999. The complete genome sequence of PM2, the first lipid-containing bacterial virus to be isolated. *Virology* 262:355-363.

Remarks

ATCC No. 27025-B1.
Propagate and titer on very young cultures only.
May be inhibited by more than 1.5% agar.

History

History

Received from

ATCC
12301 Parklawn Drive, Rockville, MD, 20852-1776
USA

Date

05-26-1999

Received from

R.T. Espejo

Date

Isolated by

R.T. Espejo

Date

Source

Ocean water, Pacific Ocean, off coast of Chile

Updated at

2024-01-17