

HER number
247

Identification

<i>Name</i> 247	<i>Morphotype</i> B1 (Siphophage)	<i>Other designations</i> P35
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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

<i>Electron Micrograph</i>	<i>Image description</i>
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<p><i>Characteristics</i> Clear plaques of 0.1 to 1.0 mm. Wide host-range, useful for typing *<i>L. monocytogenes</i>* serovar 1/2 strains. Shortest tail of *<i>Listeria</i>* B1 phages. Chloroform-sensitive. Generalized transducer. Genome of 38-40kb. Not propagated above 30°C.</p>	<p><i>Genomic sequence</i> Deactivated</p>
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Propagation conditions

Bacterial hosts
1247

Reference
Hodgson, D.A. 2000. Generalized transduction of serotype 1/2 and serotype 4b strains of **Listeria monocytogenes**. Mol. Microbiol. 35: 312-323.

Remarks

The distribution of this phage must be approved by
Martin Loessner,
Food Microbiology Laboratory,
Institute for Food Science and Nutrition,
Swiss Federal Institute of Technology,
Schmelzbergstrasse 9, CH-8092,
Zurich, Switzerland.

History

History

Received from

Dr. David A. Hodgson
Department of Biological Sciences
University of Warwick
Coventry, CV4 7AL, England

Date

Isolated by

Dr. David A. Hodgson
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Date

01-02-1996

Received from

Dr Martin Loessner
Forschungszentrum für Milch und Lebensmittel
Weihenstephan
Technische Universität München
Vöttinger Str. 45, D-85350 Freising, Germany

Date

06-05-1998

Source

Silage infected with **L. monocytogenes**

Updated at

2024-01-17