

Strain identifier

BacDive ID: 6481 **DOI:** 10.13145/bacdive6481.20190402.4
Type strain: no **Designation:** IX 6a
Culture col. no.: DSM 20692

Sections

[Name and taxonomic classification](#)
[Morphology and physiology](#)
[Culture and growth conditions](#)
[Isolation, sampling and environmental information](#)
[Application and interaction](#)
[Molecular biology](#)
[Strain availability](#)
[References](#)

Name and taxonomic classification

Ref.: 9013	Domain	Bacteria
Ref.: 9013	Phylum	Firmicutes
Ref.: 9013	Class	Bacilli
Ref.: 9013	Order	Lactobacillales
Ref.: 9013	Family	Lactobacillaceae
Ref.: 9013	Genus	Lactobacillus
Ref.: 9013	Species	Lactobacillus lindneri
Ref.: 9013	Full Scientific Name	Lactobacillus lindneri (ex Henneberg 1901) Back et al. 1997
Ref.: 9013	Designation:	IX 6a
Ref.: 9013	Type strain:	no

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Firmicutes
Ref.: 20215	Class	Bacilli
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 60:469
Ref.: 20215	Family	Lactobacillaceae
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:236
Ref.: 20215	Genus	Lactobacillus



Ref.: 20215	Taxonomical status	genus (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Species	Lactobacillus lindneri
Ref.: 20215	Taxonomical status	sp. nov. (VL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 47:601
Ref.: 20215	Full Scientific Name	Lactobacillus lindneri (ex Henneberg 1901) Back et al. 1997

Morphology and physiology

Ref.: 9013	Murein short key	A11.31
Ref.: 9013	Murein types	A4alpha L-Lys-D-Asp

Culture and growth conditions

Ref.: 9013	Culture medium	PEDIOCOCCUS DAMNOSUS MEDIUM (DSMZ Medium 231), 28°C
Ref.: 9013	Culture medium growth	yes
Ref.: 9013	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium231.pdf

Ref.: 9013	Temperatures	Kind of temperature	Temperature
		growth	28 °C

Ref.: 9013	Temperature range	mesophilic
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Isolation, sampling and environmental information

Ref.: 9013	Sample type/isolated from	spoilt beer
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Isolation sources categories

Cat1	Cat2	Cat3
#Engineered	#Food production	#Fermented beverage
#Environmental	#Microbial community	-

Application and interaction

Ref.: 9013	Biosafety level	1 Risk group (German classification)
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Molecular biology



Ref.: 9013 **GC-content** 36.3 mol% thermal denaturation, midpoint method (Tm)

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Lactobacillus lindneri gene for hypothetical protein, complete cds	AB191156	2198	53444

Strain availability

Ref.: 9013 **Culture collection no.** DSM 20692

Ref.: 9013 **Strain history** <- W. Back, IX 6a

Associated Passport(s) in StrainInfo

Ref.: 20218 52676 - <http://www.straininfo.net/strains/52676>

References

Ref.: 9013 Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 20692

Ref.: 20215 D.Gleim, M.Kracht, N.Weiss et. al.: Prokaryotic Nomenclature Up-to-date - compilation of all names of Bacteria and Archaea, validly published according to the Bacteriological Code since 1. Jan. 1980, and validly published nomenclatural changes since.

Ref.: 20218 Verslyppe, B., De Smet, W., De Baets, B., De Vos, P., Dawyndt P. StrainInfo introduces electronic passports for microorganisms.. Syst Appl Microbiol. 37: 42-50 2014 (10.1016/j.syapm.2013.11.002, 24321274)

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[back to top](#)