

Data Sheet (27.11.2020)

mi- λ DNA (*Hind* III Digest)

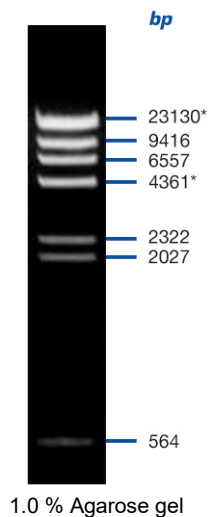
ready-to-use

Cat.-No.	Amount	Conc.
mi-M8209S	100 μ g	0.1 μ g/ μ l
mi-M8209L	500 μ g	0.1 μ g/ μ l

Description

The *Hind* III digest of λ DNA yields the following 8 discrete fragments (in base pairs): 23130*, 9416, 6557, 4361*, 2322, 2027, 564, 125.
{11, 42, 48, 90, 135, 194, 477 ng/ μ l}

For research purposes only!
Only for *in vitro* use!



Preparation

Lambda DNA was completely digested by *Hind*III, phenol extracted, ethanol precipitated, dissolved in 10 mM Tris-HCl (pH 8.0) and 1 mM EDTA.

Note

Dilute in TE or other buffer of minimal ionic strength. DNA may denature if diluted in dH₂O and subsequently heated.

*The cohesive ends (12b cos site of bacteriophage) of fragments 23130 bp and 4361 bp may anneal to and form the additional band. These fragments may be separated by heating to 65 °C for 5 min and then cooling on ice for 3 min.

Storage Buffer

10 mM Tris-HCl pH 7.5, 10 mM EDTA, 8 % (w/v) Glycerol, Tartrazine and Xylene Cyanol FF

Storage

Store at -20 °C.
Short term storage (up to 4 weeks) at 4 °C possible.