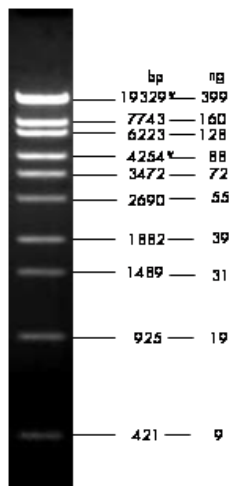




λDNA/ Styl Digest

ready-to-use

Cat. No.	Amount
M-104S	100 µg
M-104L	5 x 100 µg



1 µg loaded onto 1.0 % agarose

For general laboratory use.

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Short term storage (up to 1 month) at 4 °C possible.

Shelf Life: 12 months

Form: liquid, DNA fragment mix in 10 mM Tris-HCl pH 7.5, 10 mM EDTA, 8 % (w/v) Glycerol, Tartrazine and Xylene Cyanol FF

Color: green

Concentration: 100 ng/µl

Description:

The Styl digest of λ DNA yields the following 11 discrete fragments (in base pairs): 19329*, 7743, 6223, 4254*, 3472, 2690, 1882, 1489, 925, 421, 74.

The cohesive ends (12b cos site of bacteriophage) of fragments 19329 bp and 4254 bp may anneal and form an additional band. These fragments may be separated again by heating to 65 °C for 5 min and then cooling on ice for 3 min.

Note:

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

Recommended Load:

5 µl per lane

Preparation:

Lambda DNA (48.502 bp) was completely digested by Styl, phenol extracted, ethanol precipitated, dissolved in 10 mM Tris-HCl (pH 8.0) and 1 mM EDTA.