

Lambda DNA

Sty I Digest

Catalogue No 404-1, 100 µg
 404-2, 500 µg

Concentration 0.5µg/µl

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

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

Storage buffer: 10 mM Tris-HCl (pH 8.0) and 1 mM EDTA. Store at -20°C.

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 λ) of fragments 19329bp and 4254bp 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 3min.

