

Lambda DNA

EcoR I/*Hind* III Digest

Catalogue No 403-1, 100 µg
403-2, 500 µg

Concentration 0.5µg/µl

Description: The *EcoR* I and *Hind* III digest of λ DNA yields the following 13 discrete fragments (in base pairs): 21226*, 5148, 4973, 4268, 3530*, 2027, 1904, 1584, 1375, 947, 831, 564.

Preparation: Lambda DNA was completely digested by *EcoR* I and *Hind* III, 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 21226bp and 3530bp 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.

