

Lambda DNA

BstE II Digest

Catalogue No 406-1, 100 µg
406-2, 500 µg

Concentration 0.5µg/µl

Description: The BstE II digest of λ DNA yields the following 14 discrete fragments (in base pairs):

8453*, 7242, 6369, 5687*, 4822, 4324, 3675, 2323, 1929, 1371, 1264, 702, 224, 117.

Preparation: Lambda DNA was completely digested by BstE II, 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 8453bp and 5687bp may anneal to and form an additional band of 14140bp. These fragments may be separated by heating to 65°C for 5 min and then cooling on ice for 3min.

