

## Lambda DNA/EcoR I Digest

Catalogue No 402-1, 100 µg  
402-2, 500 µg

Concentration 0.5µg/µl

**Description:** The EcoR I digest of λ DNA yields the following 6 discrete fragments (in base pairs): 21226\*, 7421, 5804, 5643, 4878, 3530\*

**Preparation:** Lambda DNA was completely digested by EcoR 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 dH<sub>2</sub>O 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.

