

## Lambda DNA

### Hind III Digest

Catalogue No      401-1, 100 µg  
                         401-2, 500 µg

Concentration      0.5µg/µl

**Description:** The *Hind* III digest of λ DNA yields the following 8 discrete fragments (in base pairs): 23130\*, 9416, 6557, 4361\*, 2322, 2027, 564, 125.

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

\*The cohesive ends (12b *cos* site of bacteriophage λ) of fragments 23130 and 4361 may be separated by heating to 65°C for 5 minutes.

