



I DNA - *Hind* III Digest

F-301

100 mg 0.5 mg/ml

Store at -20 °C

Description: The bacteriophage λ is produced in *E. coli*. After purification the double-stranded DNA is digested with restriction endonuclease *Hind* III. The *Hind* III digest of λ DNA (48 502 bp) yields 8 fragments of the following sizes:

Fragment	Base pairs
1	23 130
2	9 416
3	6 557
4	4 361
5	2 322
6	2 027
7	564
8	125

Note: The cohesive ends of fragments 1 and 4 can be separated by heating to 65°C for 5 minutes.

Unit definition: 1.0 A_{260} unit ds DNA = 50 $\mu\text{g/ml}$

Concentration and Shipping: 0.5 $\mu\text{g}/\mu\text{l}$ supplied in 10 mM Tris-HCl (pH 8.0), 1 mM EDTA.

Warranty See instructions on the other side of this data sheet.

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