

Description/Preparation:

The double stranded DNA is isolated from bacteriophage lambda (cl857 ind1 Sam7). The molecular weight is 31.5×10^6 daltons and it is 48,502 base pairs in length.

The phage is isolated from the heat inducible lysogen E. coli λ cl857 S7 by gel filtration. The DNA is isolated from the purified phage by phenol/chloroform extraction and dialyzed against 10 mM Tris-HCl (pH 7.4) and 1 mM EDTA.

Features:

λ DNA is used as one of the substrates in restriction enzymes research and for testing of restriction endonucleases activity.

Concentration: 0.2-0.5 $\mu\text{g}/\mu\text{l}$

Storage Buffer: 10 mM Tris-HCl (pH 7.4), 1 mM EDTA.

Quality control: Gel analysis for purity. EcoRI and HindIII fragmentation patterns.

Transportation: Shipped on blue ice or room temperature

Storage: at -20°C for 24 months

Order Information

Prod. No.	Description	Quantity
3901-025	Phage λ / DNA	500 μg
3901-100	Phage λ / DNA	5 x 500 μg