

Description/Preparation:

The molecule is double-stranded circle, 2686 base pairs in length, and has a high copy number. pUC18 carries a 54 base-pair multiple cloning site polylinker that contains unique sites for 13 different hexanucleotide-specific restriction endonucleases. The molecular weight of pUC18 is 1.75×10^6 daltons.

pUC18 is isolated from E. coli strain HB101 by a standard plasmid purification procedure.

Usage: pUC18 is a commonly used plasmid cloning vector in E. coli.

Concentration: 0.5 µg/µl

Storage Buffer: 10 mM Tris-HCl (pH 8.0), and 1 mM EDTA.

Quality control: Gel analysis for purity. BsiSI and AluI fragmentation patterns.

Transportation: Shipped on blue ice or room temperature

Storage: at -20°C for 24 months

Order Information

Prod. No.	Description	Quantity
G940-300	pUC18 DNA	50 µg
G940-305	pUC18 DNA	5 x 50 µg