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Certificate of Analysis

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pUC19 DNA

Catalog No: 9750

Lot No: See Product Label

Package Size: See Product Label

Concentration: See Product Label

Storage Conditions: Store at 4°C Short Term (2 weeks or less)

Note: Store Long Term at -80°C (Longer than 2 weeks)

Avoid multiple freeze-thaw cycles

Description

pUC-19 is a double-stranded closed circular high copy plasmid with a size of 2686 bp

Applications

- Cloning
- Sequencing
- Manufacturing DNA Size Markers

Vector Identity

Identity and homogeneity of pUC-19 were confirmed by a series of restriction enzyme digests followed by analysis of the resulting DNA fragment pattern.

Storage Buffer

10 mM Tris-HCl (pH 7.8)
1 mM EDTA

Quality Control

A_{260} / A_{280} : 1.80 – 2.00

A_{260} / A_{250} : 1.06 – 1.16

Notes

- pUC-19 manufactured by CHIMERx is ≥90% supercoiled.
- pUC-19 is ampicillin resistant
- The multiple cloning site contains recognition sequences for the following restriction enzymes:
Apo I, EcoR I, Ban II, Sac II, Eco53K I, Acc651, Kpn I, Ava I, BsoB I, Sma I, TspM I, Xma I, BamH I, Xba I, Acc I, Hinc II, Sal I, BspM I, BfuA I, Sbf I, Pst I, Sph I, and Hind III

For more information or to re-order, please visit www.chimerx.com