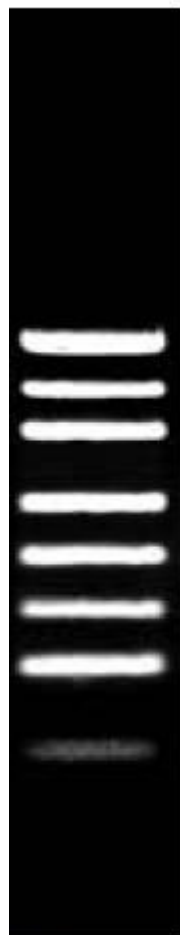


pUC19 DNA/BsiS I (Hpa II) digest



1.7% agarose

bp

501,489

404

331

242

190

147

111,110

67

Features: 6X Loading buffer required**Description/Preparation:**

The BsiS I digest of pUC19 DNA yields 13 discrete fragments (in base pairs): 501, 489, 404, 331, 242, 190, 147, 111, 110, 67, 34, 34, 26.

Preparation: pUC19 DNA was completely digested by BsiS I, phenol/chloroform 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**Usage:** 0,5 µg/lane**Concentration:** 0.2-0.5 µg/µl**Number of bands:** 13 501, 489, 404, 331, 242, 190, 147, 111, 110, 67, 34, 34, 26.**Loading:****Agarose Gel / Polyacrylamide Gel**

- Vortex gently before using

- apply 0,5 µg (agarose) or 0.5-0.9 µg (polyacrylamide gel) per 1 mm lane

Quantification:

See the graph for the percentage of the bands per band in ng, relating to 0.5 µg loaded marker. Use the same volume of DNA and marker. Additionally the concentration of loading buffer in samples and marker should be equal.

Note:

Dilute in TE or other buffer of minimal ionic strength. DNA may denature if diluted in dH₂O and subsequently heated.

Transportation: Shipped on blue ice or room temperature**Storage:** at -20 °C for 24 months**Ordering information:**

Cat.-no	Description	Amount
300023	pUC19 DNA/BsiS I	2 x 100 µg
300024	pUC19 DNA/BsiS I	5 x 100 µg