

Certificate of analysis

Product Name/Description: pUC118 EcoR I/BAP
Cat. #: 3320
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: 2 years from date of receipt under proper storage condition

Package Size: 5 µg

Package Contents: 1. pUC118 EcoR I/BAP 0.1 µg/µl 5 µg

Quality Control Data:

- 1) Purity: Shown to be a single band by agarose gel electrophoresis.
- 2) When transformation was performed using this product treated with T4 DNA ligase, the number of transformants was less than 1% of that using uncleaved pUC118.

3) When transformation was performed using *E.coli* JM109 competent cells (transformation efficiency: $>1.0E+07$ transformants/1 µg of pUC118) and this product treated with T4 polynucleotide kinase and subsequently with T4 DNA ligase, the transformation efficiency was more than $1.0E+06$ transformants/1 µg DNA. The number of white colonies was less than 1% of the number of total colonies when the cells were cultured on agar plates containing IPTG and X-Gal.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:
www.takara-bio.co.jp (Japanese)
www.takarabio.com (English)

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