Plasmid DNA from *Escherichia coli* RR1

Product Codes D4154 and D3404

Storage Temperature –20 °C

TECHNICAL BULLETIN

Product Description

<table>
<thead>
<tr>
<th>Product Code</th>
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<tr>
<td>D4154</td>
<td>pUC18 Plasmid DNA</td>
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<tr>
<td>D3404</td>
<td>pUC19 Plasmid DNA</td>
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Both plasmids are 2.686 base pairs\(^2,3\) (\(MW = \sim 1.8 \times 10^6\) Daltons).

MCS sites (see Figures 1 and 2):  
Acc I, BamHI I, EcoRI I, Hinc II, Hind III, Kpn I, Pst I, Sac I, Sal I, Sma I, Sph I, Xba I, Xma I

Other unique sites: Aat II, Afl III, Dra II, Nar I, Nde I, Ssp I.

Reagents

Each plasmid DNA product is supplied in a solution of 10 mM Tris-HCl, pH 8.0, with 1 mM EDTA.

Precautions and Disclaimer

These products are for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store pUC18 and pUC19 Plasmid DNA at or below –20 °C.

References

2. pUC18 cloning vector sequence, NCBI accession number: L08752.
3. pUC19 cloning vector sequence, NCBI accession number: M77789.

JWM,ND,KTA 10/05-1
Figure 1. 

pUC18 Multiple Cloning Site

```
G AATTCGAGCT CGGTACCAGT GAGCTCTCTTA GAGTCGACTT GCAAGCCATGC AAGCTT
C TTAAGCTCGA GCCATGGGCC CCTAGGAGAT CTCAGCTGGA GTCCTGTACG TTCGAA
```

Figure 2. 

pUC19 Multiple Cloning Site

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AAGCTTGC ATGCTGAG CTGACTCTTA GAGGATCCC CGGTACCAGT CTCAATTTCTC
TTCGAAAG TGAGGACGTC CAGCTGAGAT CTCCTAGGGG CCCATGCTTC GAGCTTAAG
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