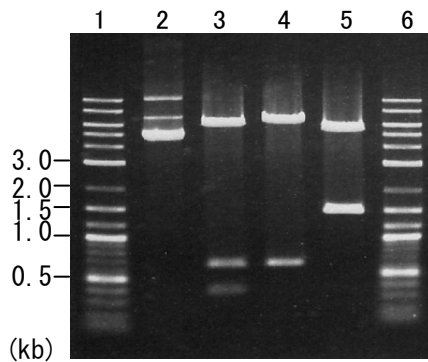


Plasmid name: pET21c_Tr-cbh1-His (RDB No. 8286)
Alternative name: pET21c_Tr001-His
Backbone plasmid: pET21c
Selection: ampicillin
Plasmid size: 6939 bp
CDS size: 1491 bp

1. Restriction enzyme digestion

Working #: BM0102

reaction volume: 10 ul
DNA: 300 ng of plasmid DNA
restriction enzyme: 10 to 15 units



Lane

-
- 1: Size marker
 - 2: uncut plasmid DNA
 - 3: plasmid DNA with *EcoRI* digestion
(5911, 654 and 374 bp)
 - 4: plasmid DNA with *HindIII* digestion
(6275 and 664 bp)
 - 5: plasmid DNA with *SmaI* digestion
(5441 and 1498 bp)
 - 6: Size marker
-

Electrophoresis: 1% agarose gel, 1x TAE buffer
Size marker: 2-Log DNA Ladder (250 ng/lane; Cat.# N3200L, NEB)