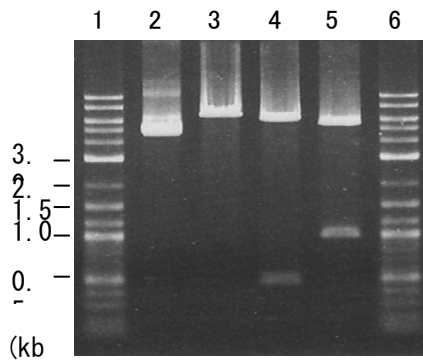


Plasmid name: pET25b_PF0369-His (RDB No. 8954)
Alternative name: pET25b_PF0369-His
Backbone plasmid: pET25b
Selection: ampicillin
Plasmid size: 6552 bp
CDS size: 999 bp

1. Restriction enzyme digestion

Working #: BM0204

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
(6552 bp)
- 4: plasmid DNA with *HindIII* digestion
(6056 and 496 bp)
- 5: plasmid DNA with *SmaI* digestion
(5547 and 1005 bp)
- 6: Size marker

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