

New

AccuRapid™ TA Cloning Kit

AccuRapid™ TA Cloning Kit는 3' 말단에 (dA)를 첨가할 수 있는 Taq DNA Polymerase로부터 증폭된 PCR 산물을 선형화된 T-vector에 쉽고 빠르게 cloning 할 수 있는 제품입니다.

● 신속하게

15분 반응으로 짧은 시간 안에 다양한 크기의 insert DNA cloning 가능

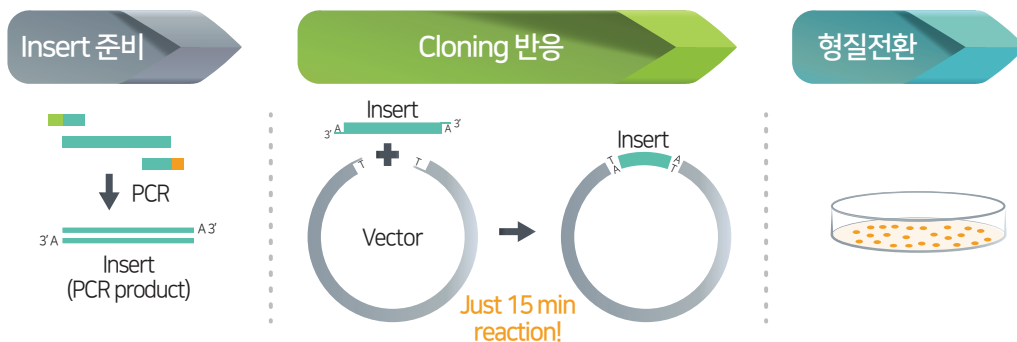
● 정확하게

높은 cloning 효율로 많은 true white colony 확보

● 편리하게

- BamHI poly-linker를 활용한 insert 분리
- M13 primer site를 사용한 sequencing 가능

How AccuRapid™ TA Cloning Kit Works?



TA Cloning은 Taq DNA Polymerase에 의해 3'말단에 dA-tailing된 DNA를 3'말단에 (dT)가 첨가된 T-vector에 ligation하여 PCR 산물을 직접적으로 cloning 하는 방법입니다.

Experimental Data



Figure 1. Comparison of clones harboring correct insert after TA Cloning between AccuRapid™ TA Cloning Kit and other supplier's TA cloning kit. The AccuRapid™ TA Cloning system gave a high number of recombinants clone across a broad range of insert sizes (500bp - 2,000bp).

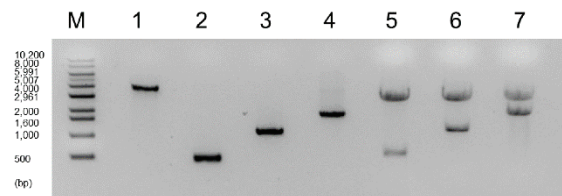


Figure 2. The restriction enzyme digestion of recombinant plasmids which obtained by AccuRapid™ TA Cloning Kit.
M: 1 kb DNA ladder
1 : pBHA-T vector, 2 : Insert 1 (500 bp), 3 : Insert 2 (1,000 bp)
4 : Insert 3 (2,000 bp), 5 : Digested with BamHI (pBHA-T harboring Insert 1)
6 : Digested with BamHI (pBHA-T harboring Insert 2)
7 : Digested with BamHI (pBHA-T harboring Insert 3)
The AccuRapid™ TA Cloning Kit provides a versatile polylinker with flanking BamHI sites for easy excision of inserts.

☆ 2kb 이상의 long size insert도 높은 효율로 cloning 되어
☆ 많은 true white colony를 확보할 수 있는 AccuRapid™ TA Cloning Kit!

카탈로그 번호	제품명	규격	가격
K-7170	AccuRapid™ TA Cloning Kit	20 reactions	₩ 180,000