

New to cloning?



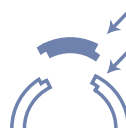
Build your own cloning starter set with these recommended products from New England Biolabs.

DNA ASSEMBLY



- NEBuilder® HiFi DNA Assembly Cloning Kit (102877-808)
- NEB® PCR Cloning Kit (102877-564)
- NEB Golden Gate Assembly Mix (102902-438)

END MODIFICATION



- Quick Dephosphorylation Kit (103258-516, 103258-556)
- Quick Blunting™ Kit (101417-942, 101417-940)

NUCLEIC ACID PURIFICATION



- Monarch® Plasmid Miniprep Kit (102971-698, 102971-696)
- Monarch DNA Gel Extraction Kit (102971-670, 102971-668)
- Monarch PCR & DNA Cleanup Kit (5 µg) (102971-674, 102971-672)

DNA LIGATION



- T4 DNA Ligase (101228-180, 101228-176)
- Quick Ligation™ Kit (101227-656, 101227-654)
- Blunt/TA Ligase Master Mix (102715-940, 102715-938)
- Instant Sticky-end Ligase Master Mix (102715-946, 102715-944)

RESTRICTION ENZYME DIGESTION



- BamHI-HF® (101447-638, 101641-128)
- EcoRI-HF (101447-634, 101641-102)
- HindIII-HF (101641-112, 101641-108)
- NotI-HF (101447-642, 101641-170)

TRANSFORMATION



- NEB 5-alpha Competent *E. coli* (101417-898, 101417-900 only)

PCR/AMPLIFICATION



- Q5® High-Fidelity 2X Master Mix (102500-132)

DNA ANALYSIS



- Quick-Load® Purple 1 kb Plus DNA Ladder (102877-598, 103258-568)
- Quick-Load Purple 100 bp DNA Ladder (102877-810)
- Quick-Load Purple 1kb DNA Ladder (102877-812)



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