

MC-Easy™ Minicircle Production Kit

Efficient method to produce high quality Minicircle DNA



Complete mcDNA production kit

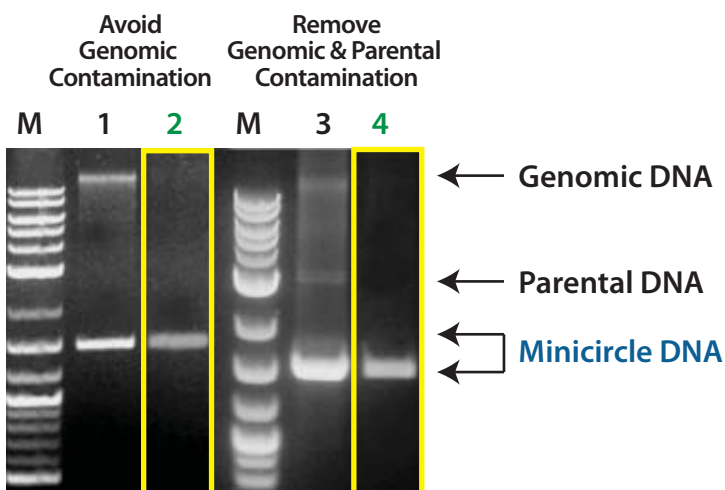
The MC-Easy system enables the simple, reproducible and efficient way to produce high quality Minicircle DNA for your experiments. The finely tuned growth and induction media produce minicircle DNA that is free of parental and genomic DNA contamination. The Kit also includes an additional, innovative method for degrading any contaminating genomic DNA using an ATP-dependent DNase reagent that will selectively remove linear genomic and residual parental DNA but will not affect the minicircle DNA. Clean and effective minicircles every time. The system comes complete with a special minicircle DNA transfection reagent, MC-Fection, that works well with most cell lines. Choose from the minicircle production kit that includes the engineered *E. coli* producer strain ZYCY10P3S2T (cat# MN920A-1) or select the minicircle production and isolation kit alone (MN910A-1).

Highlights

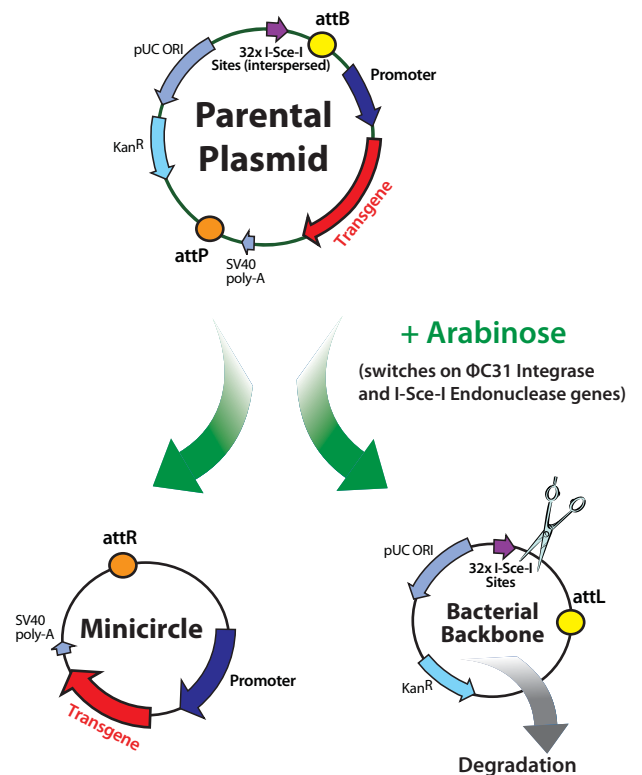
- Make MC-DNA that is ultra-pure
- Efficiently remove genomic DNA
- MC-DNA is free of parental DNA
- Complete kit with media, induction additive, re-purification kit and producer strain

Remove parental plasmid and genomic DNA

Lane	Sample
1	Genomic DNA Contamination
2	MC-Easy Prep A
3	Genomic & Parental DNA Contamination
4	MC-Easy Prep B

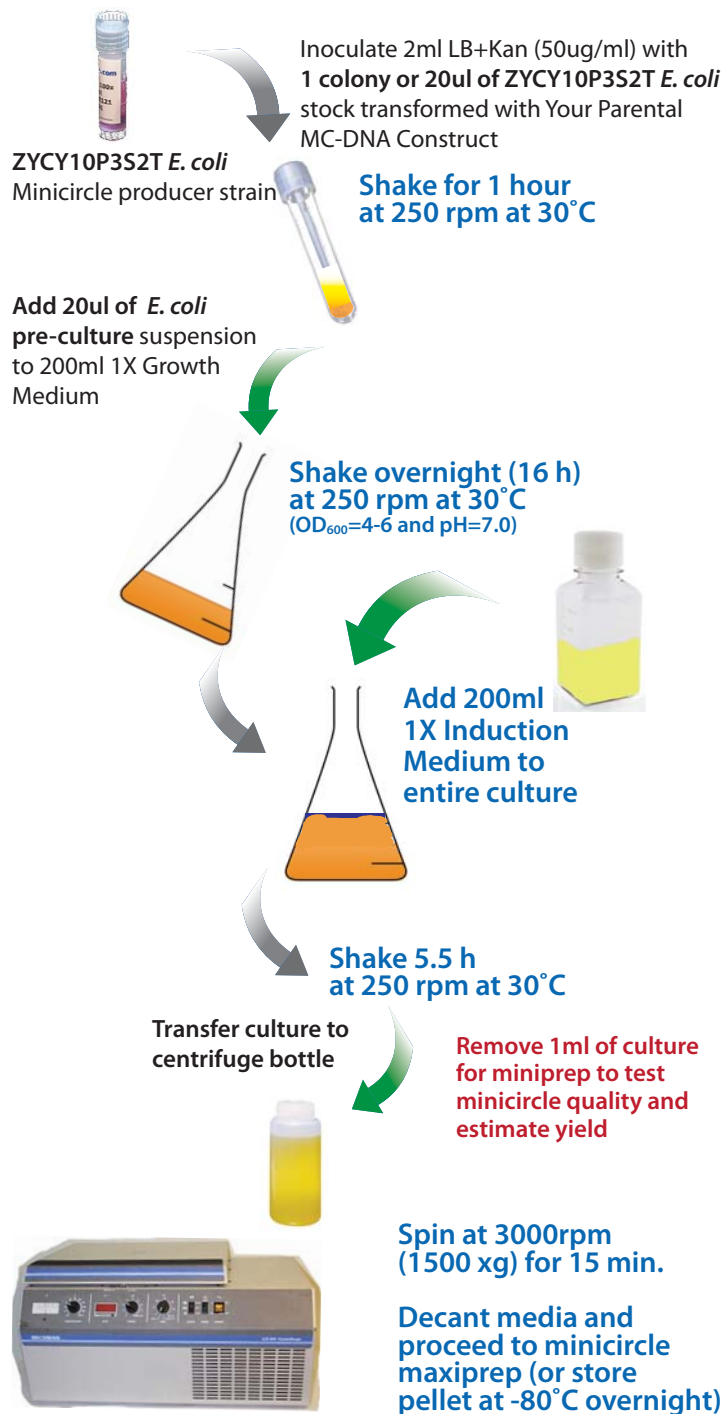


Induction of minicircle production

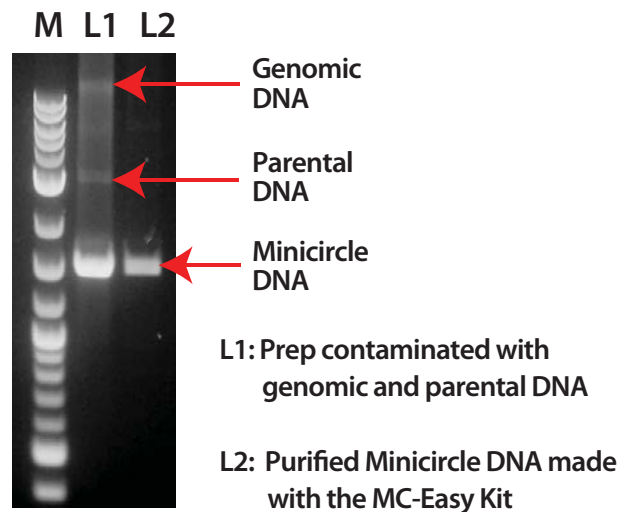


MC-Easy™ Minicircle DNA Production Kit

Production of Minicircle DNA



Obtain better Minicircle DNA with the MC-Easy System



MC-Easy Production Kits

Catalog #	Description	Preps
MN910A-1	MC-Easy Minicircle DNA Production Kit (without producer strain)	5
MN915A-1	MC-Easy Minicircle DNA Production Kit (without producer strain)	10
MN920A-1	MC-Easy Minicircle DNA Production Kit (includes producer strain)	5
MN925A-1	MC-Easy Minicircle DNA Production Kit (includes producer strain)	10

Kit components

- 5X Minicircle Growth Medium (200 ml)
- 10X Induction Medium (100 ml)
- Minicircle DNA Re-purification kit (5 preps)
- Endotoxin free water (5 ml)
- *E. coli* producer strain ZYCY10P3S2T (included in cat# MN920A-1 and MN925A-1)

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