

## illustra bacteria genomicPrep Mini Spin Kit

illustra™ bacteria genomicPrep Mini Spin Kit is designed for the rapid extraction and purification of high molecular weight genomic DNA (gDNA) from Gram-negative (G-) and Gram-positive (G+) bacteria. The procedure for G- bacteria can be completed in about 40 min (sample to gDNA) or in about 60 min for G+ bacteria. Purified gDNA is suitable for molecular biology applications including cloning, restriction enzyme digestion, PCR, and genotyping.

The kit delivers:

- > **Fast results:** convenient, streamlined workflow reduces the number of pipetting volume changes and the overall number of steps to deliver fast results
- > **Optimized kit:** dedicated and optimized for bacterial gDNA with separate protocols for G- and G+ bacteria
- > **Ease of use:** color-coded caps and bottles with matching protocol steps minimize the chance for error; quick reference protocol card provides instructions at a glance for experienced users
- > **High quality and purity:** optimized protocol produces intact, RNA-free gDNA that is > 20 kb in size with a purity > 1.8 ( $A_{260}/A_{280}$ )
- > **Reproducible yields:** highly reproducible yields minimizes the need to repeat experiments

For more information, visit [www.gelifsciences.com/illustra](http://www.gelifsciences.com/illustra)



### Ordering information

Product	Code number
illustra bacteria genomicPrep Mini Spin Kit (50 preps)	28-9042-58
illustra bacteria genomicPrep Mini Spin Kit (250 preps)	28-9042-59

## illustra plasmidPrep Mini Spin Kit

illustra™ plasmidPrep Mini Spin Kit can be used to rapidly purify high-quality plasmid DNA from small culture volumes (1 to 3 ml) of transformed *E. coli*. The system is fast, efficient, and routinely generates highly pure plasmid DNA yields of up to 15 µg. The yield and quality of the purified plasmid DNA ensures exceptional performance in downstream applications such as restriction enzyme analysis, ligation, cloning, DNA sequencing, PCR, and other applications.

The kit delivers:

- > **Fast results:** Isolates plasmid DNA in less than 10 min
- > **High purity:** Purified plasmid DNA is free of RNA and genomic DNA contamination, lacks any residual nuclease activity, and exists in a predominantly supercoiled configuration
- > **High quality:** Excellent performance in several downstream applications including—restriction enzyme analysis, ligation, cloning, DNA sequencing, and PCR
- > **Simpler purification:** Increased ease of use provided by minimal changes in pipetting volume from one part of the protocol to the next, less centrifugation steps, color-coded kit components, and a lack of organic solvents

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### Ordering information

Product	Code number
illustra plasmidPrep Mini Spin Kit (50 preps)	28-9042-69
illustra plasmidPrep Mini Spin Kit (250 preps)	28-9042-70

