

# Quantum Prep<sup>®</sup>

## Plasmid Miniprep

### *Quick Protocol*

- 1** Transfer an overnight culture to a micro test tube. Centrifuge 30 sec. Remove the supernatant.
- 2** Add 200  $\mu$ l cell resuspension solution. Vortex until the cell pellet is completely resuspended.
- 3** Add 250  $\mu$ l cell lysis solution. Mix by inverting 10 times (do not vortex).
- 4** Add 250  $\mu$ l neutralization solution. Mix by inverting 10 times (do not vortex). Centrifuge 5 min.
- 5** Insert a spin column into a 2 ml wash tube. Shake the Quantum Prep matrix until completely suspended.
- 6** Transfer the supernatant to a spin column. Add 200  $\mu$ l matrix. Pipet up and down to mix. Centrifuge 30 sec to pull fluid through column.
- 7** Remove the spin column, discard the filtrate, and replace the column. Add 500  $\mu$ l wash buffer. Centrifuge 30 sec.
- 8** Remove the spin column, discard the filtrate, and replace the column. Add 500  $\mu$ l wash buffer. Centrifuge 2 min followed by a 2 min spin to remove all wash buffer.
- 9** Remove the spin column to a clean 1.5 ml tube. Add 100  $\mu$ l H<sub>2</sub>O or TE buffer. Centrifuge 1 min.

This abbreviated protocol is for experienced users of the Quantum Prep plasmid miniprep kit. For a complete protocol, see the instruction manual.

**BIO-RAD**