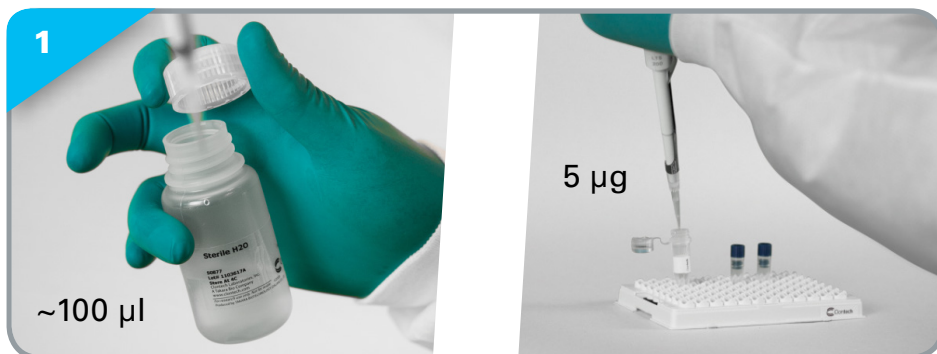


Protocol

# Xfect™ Single Shots (Midi)

The Xfect Single Shots (Midi) (Cat. No. 631366) Visual Protocol is provided for your convenience, but is not intended for first-time users. For additional details, see the Xfect Single Shots (Midi) Protocol-At-A-Glance. The midi version of the kit is designed for use with 6-well plates only.



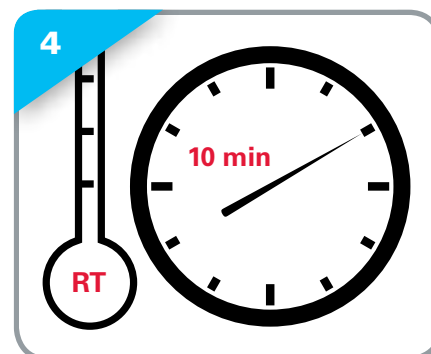
Dilute 5 µg of transfection-grade plasmid DNA in sterile water to a final volume of 100 µl. (Be sure to combine the water with the DNA before adding it to Xfect in Step 2.)



Add the 100 µl of diluted DNA to a single vial of Xfect Single Shots.



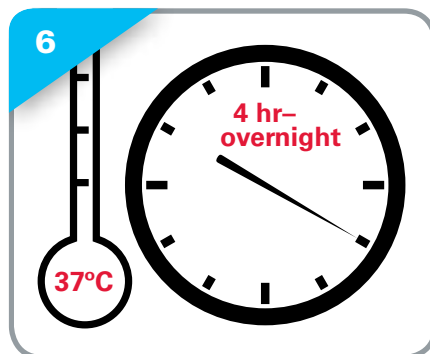
Replace the screw cap and mix by vortexing at high speed for 10 sec.



Incubate for 10 min at room temperature (RT) to allow DNA:Xfect nanoparticles to form.



Add the entire 100 µl to your target cells in a single well of a 6-well plate containing 1 ml of complete growth medium.



Culture your cells for 4 hr to overnight, and replace medium with fresh medium.



Be sure to return any unused Xfect Single Shots to the foil pouch containing the dessicant sachet. Store at -20°C.