See the Unseen FuGENE®

FuGENE SI Quick Protocol

The following quick protocol will generate enough mix to transfect one 35mm vessel, five wells of a 24-well plate, or twenty-five wells of a 96-well plate (at the recommended starting ratio of 0.3ul FuGENE® SI + 1pmol total siRNA per well of 96 well plate, please consult Table 1 in users guide for other vessel sizes and scalings)

Preparing the FuGENE SI® Transfection Reagent

1. Before use, allow the vial of FuGENE® SI Transfection Reagent, siRNA stock, and serum-free medium to reach room temperature
2. Mix by inverting or vortexing briefly. If a precipitate is visible, briefly warm at 37 degrees C then cool to room temperature

General Transfection Protocol

1. Seed cells to be 25-50% confluent.
2. Dilute 7.5ul of FuGENE SI reagent in 117.5ul of pre-warmed serum free medium, vortex 1 sec.
3. Dilute 2.5ul of 10uM siRNA stock in 122.5ul of pre-warmed serum free medium, vortex 1 sec.
4. Combine 125ul of FuGENE SI dilution from step #2 with 125ul of siRNA dilution from step #3.
5. Incubate FuGENE SI + siRNA complex for 5 minutes at room temperature. (up to 15 min)
6. Add FuGENE SI + siRNA complex to cells in drop-wise manner, swirl or shake to mix
    i. 35mm vessel: Add all 250ul to vessel
    ii. 24-well plate: Add 50ul per well
    iii. 96-well plate: Add 10ul per well
7. Incubate transfected cells for 24-72 hours
8. Analyze transfected cells.
9. See additional protocol information in full users guide available at www.fugene.com
10. For additional support please contact us at contact@fugene.com or visit us at www.fugene.com