

## **FuGene Transfection**

Use 2 ug DNA and 4 ul FuGene per 10 cm dish (scale this up to prepare in bulk).

Transfection Solution:

Add 200 ul serum-free DMEM (+ Pen/Strep, if you routinely use it) to a sterile 1.5 ml Eppendorf tube. Add 4 ul FuGene to this (do not let it touch the side of the tube). Flick tube to mix and let stand for 5 min at room temperature.

To a separate Eppendorf tube add 2 ug of DNA.

Add FuGene solution dropwise to DNA, flicking tube to mix. When done, let stand 15 minutes at room temperature.

Add this solution directly to the dish of cells, dripping slowly on top and then swirling to mix. Place cells back in incubator overnight. Check expression the next day (time of expression after transfection will vary depending on strength of promoter in plasmid, cell type, etc.)