

TRANSFECTION USING EFFECTENE, LIPOFECTAMINE, AND POLYFECT
REAGENTS

Many reagents are now available for optimization of cell transfection efficiency. The following cell lines have been successfully transfected with the indicated transfection reagents. Follow manufacturers' handbook protocol unless otherwise indicated.

Effectene

HeLa - seed 4×10^5 cells the day before transfection and harvest cells 36-48 h post-transfection.

293T - seed 2×10^5 cells the day before transfection and harvest cells 24 h post-transfection; skip the PBS wash in step 4.

Lipofectamine

O23, OT, HeLa, 2a1 WT

SHSY-5Y- use 10x amount of DNA

PolyFect

292T, HeLa, MCF7, OT70, OTBag

References:

Effectene Transfection Reagent Handbook (Qiagen)

Lipofectamine Transfection Reagent Handbook (Invitrogen)

PolyFect Transfection Reagent Handbook (Qiagen)