

PolyJet™ Short Protocol - DNA Transfection

DAY 1: Cell seeding

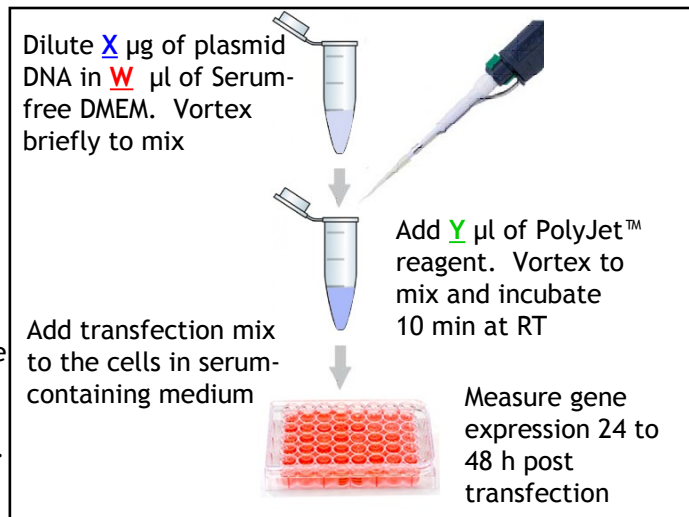
- ▶ Cell seeding = ~80% confluency at the day of transfection.

DAY 2: Transfection = PolyJet™ reagent/DNA ratio at 3:1 (µl/µg)

- ▶ Perform transfection in the presence of serum/antibiotics.
- ▶ To make transfection mix, use serum-free medium (like serum free DMEM) to dilute PolyJet™ Transfection Reagent and plasmid DNA.

Note: Never use OPTI-MEM!

- ▶ Perform DNA transfection referring to the picture and table below.



Culture Dish	Culture Medium (ml)	DNA (µg) - X	Diluent (Serum-free medium) (µl) - W	PolyJet™ reagent (µl) - Y
8	0.5	0.5	50	1.5
6-well/35mm	1	1	100	3
100mm/T75	8	8	800	24

DAY 3-4: Measure gene expression

Visit the following link for complete protocol <http://signagen.com/polyjet>

