

## PolyJet™ Short Protocol - DNA Transfection

### DAY 1: Cell seeding

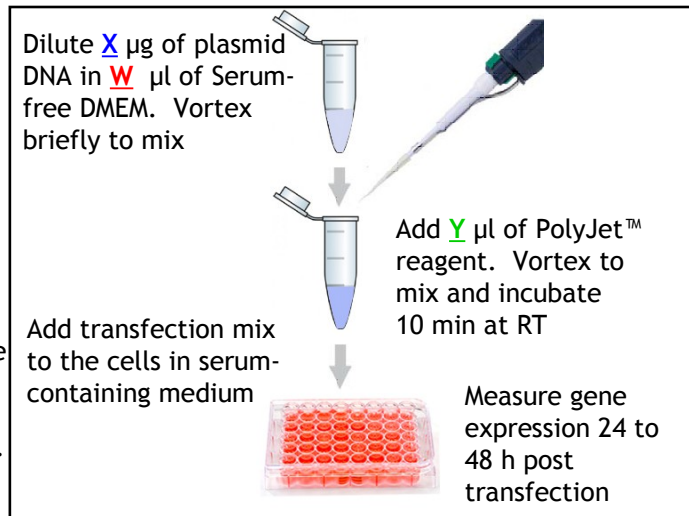
- ▶ Cell seeding = ~80% confluency at the day of transfection.

### 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) - <b>X</b>	Diluent (Serum-free medium) (µl) - <b>W</b>	PolyJet™ reagent (µl) - <b>Y</b>
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>

