

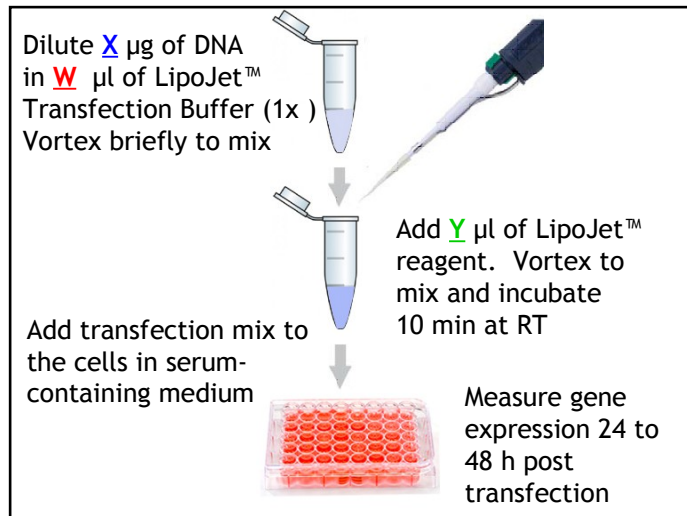
## LipoJet™ Short Protocol - DNA Transfection

### DAY 1: Prepare LipoJet™ Transfection Buffer (1x ) working solution and cell seeding

- ▶ Dilute one part of stock solution of LipoJet™ Transfection Buffer (5x ) with 4 parts of ddH<sub>2</sub>O to make LipoJet™ Transfection Buffer working solution (1x ).
- ▶ Cell seeding = 60-70% confluency at the day of transfection.

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

- ▶ Perform transfection in the presence of serum/antibiotics.
- ▶ Use LipoJet™ Transfection Buffer (1x ) only.
- ▶ Perform DNA transfection referring to the picture and table below.



Culture Dish	Culture Medium (ml)	DNA (µg) - <b>X</b>	LipoJet™ Transfection Buffer (1x ) (µl) - <b>W</b>	LipoJet™ reagent (µl) - <b>Y</b>
24-well	0.5	0.5	50	1
6-well/35mm	2	2	200	4
100mm/T75	10	10	500	20

### DAY 3-4: Measure gene expression

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

