

Spin Transduction

Note 1.

Prepare a range of dilutions of the lentivirus in complete medium. Please see the MOI determination protocol for a sample of possible dilutions in most common cell lines. You may want to try higher/lower dilutions, depending on your downstream applications.

Day 1:

Seed example MEFs at density of 150.000 cells/well on 6-well plate.

Day 2:

Drain the media from the wells and replenish with 0.75 ml virusparticles + 0.75 ml medium per well and 8 µg/ml polybrene (use stock 8 mg/ml 1:1000).

Incubate the cells with virusparticles for 10 min at 37°C in cell incubator, centrifuge the 6-well plate at RT, 1000 g for 30 min, incubate again for 10 min at 37°C and replace the virusparticles with 2 ml of complete medium.

Day 3:

Harvest the cells (at least) 48 h later depending on your readout assay.