

Adenovirus Infection *in vitro*

Making Virus Containing Media

Desired concentration = **4.0x10⁷ pfu / ml of media**

Current Virus Stocks

| Virus | Manufacturer | [Stock] | Dilution | Aliquots |
|-----------|----------------------------|-----------------------------|-------------|----------|
| AdCre | University of Iowa | 4.0x10 ¹⁰ pfu/ml | 1.000 µl/ml | 25 µl |
| AdGFP | University of Texas Baylor | 5.0x10 ¹¹ pfu/ml | 0.080 µl/ml | 25 µl |
| AdCre/GFP | University of Texas Baylor | 7.7x10 ¹¹ pfu/ml | 0.052 µl/ml | 5 µl |
| AdEmpty | University of Iowa | 6.0x10 ¹⁰ pfu/ml | 0.667 µl/ml | 25 µl |

- 1) Remove virus from -80°C freezer and keep on ice
 - * *take note of aliquot size*
 - * *avoid freeze-thaw*
- 2) Create desired amount of virus containing media (see chart above)
 - * *100 µl of media is needed per well (96-well plate)*
- 3) Aspirate media from wells that are to be infected
- 4) Add virus containing media to the cells
 - * *100 µl of media per well (96-well plate)*
- 5) Incubate overnight at 37 °C and 5% CO₂
- 6) Change media to fresh (virus-free) media the following morning