

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