

VIRAL INFECTIONS

Ad Infection

1. Remove media from cells. Wash cells with PBS.
2. Add Ad virus at a MOI of 10 particles per cell in a minimal amount of PBS (just enough to prevent cells from drying out.)
3. Incubate at room temperature for 1 hour. Occasionally swirl plates to prevent cell layer from drying out.
4. Remove virus from cells and wash with PBS.
5. Add media containing 2% serum.
6. Incubate until full CPE is noted.

Ad + AAV Infection

Procedure is the same as for Ad infection, adding AAV at a MOI of 50 particles per cell with the Ad virus (MOI = 10).

AAV Infection

1. Ad + AAV lysate is heated to 56°C for 30 minutes to inactivate the helper Ad virus.
2. Wash cells with PBS and infect at a MOI of 20 to 50 Particles per cell.
3. Infect for 1 hour in the smallest volume possible at room temperature.
4. Remove the virus and wash with PBS. Add media + 2% serum.
5. To establish latency, pass the cells a number of times to ensure that residual virus is removed.