

Adeno-associated Virus Protocol Dialysis Protocol

Materials:

7,000 MWCO Slide -A-Lyzer Mini Dialysis Units

Pierce Cat # 69560 (10ul-100ul) Cat# 66373 (0.1-0.5ml) Cat# 66370 (0.5-3.0ml)

PO box 117

Rockford, IL 61105

Phone: 1-800-8- Pierce or 1-815-968-0747

Stir Plate

Beaker

Stirring Rod

Flotation Device

Reagents:

Formulation Buffer 18

HyClone Cat# RR10417.01

Custom buffer formulation distributed through the Gene Transfer Vector Core only.

Procedure:

1. Use Formulation Buffer 18 at 1000:1 buffer to sample ratio.
2. Place buffer in a beaker with a magnet stirrer.
3. Wearing gloves add virus to the dialysis unit without touching the membrane with fingers or pipette. Follow the manufacture's instruction for loading the virus into the cassette.
4. Place dialysis unit in a flotation device.
5. Dialyze at 4°C for 1 hour using a low speed setting on a stir plate. If needed change the dialysis buffer two more times, for a total of three hours.
6. Collect the sample and keep on ice. Follow manufactures procedure for collecting the sample.

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