**Harvesting and Storing Virus**

*Walker Orr, 01/08/2023*

**Required Equipment**

Centrifuge

**Required Supplies**

2-mL screwtop tube (Cryovials are not necessary, as liquid nitrogen is not being used), pre-labeled

**General Comments**

|  |  |  |
| --- | --- | --- |
| **Steps** |  | **Helpful Hints** |
| 1. Freeze flasks when ready (either transfected RNA or passaged virus). |  |  |
| 1. Remove flasks from the freezer to paper towels in the biosafety cabinet. Leave lid up. When the media has fully sloughed off the side of the flask (around 30 minutes), return flasks to their sides, briefly swirl to collect media, and re-freeze at -80C for around 30 minutes, until frozen. |  |  |
| 1. Repeat the thawing step from above. |  | Pipette up and down 5 times to loosen anything from the side walls. |
| 1. Centrifuge at 2,000 xg for 5 minutes (4C – 25C) in the centrifuge in the biosafety room. |  | This is to remove cellular debris from the stock. |
| 1. Aliquot supernatant into labeled cryovials. |  |  |
| 1. Store at -80C. |  |  |