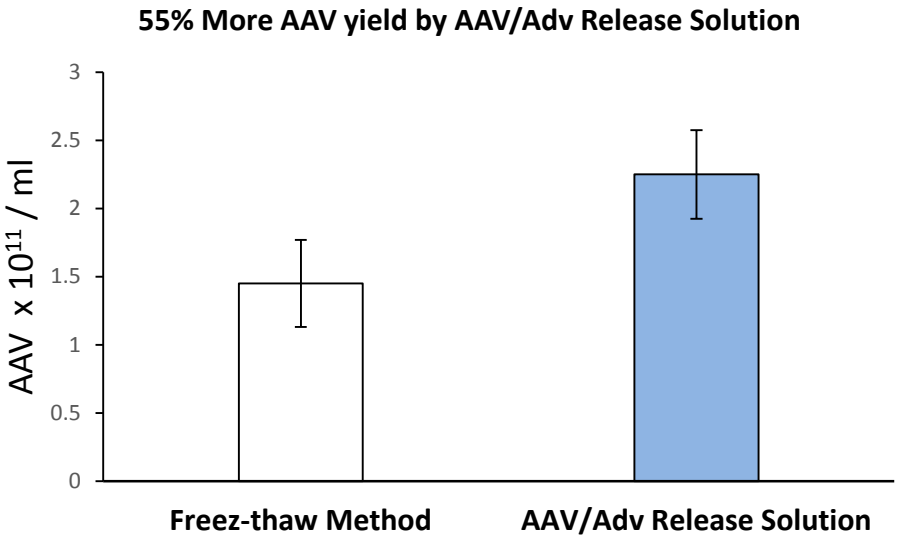
Virus-High® AAV / Adv Release Solution

Cat. #:	P900
Shipping:	4°C
Storage:	-20°C
Shelf life:	12 months
Application:	For fast harvest of **Adenovirus** (ADV) and **Adeno-Associated Virus** (AAV) from producing cells, skipping repeated free-thaw steps. This product is for research use only.
Product Size:	20 reactions of 100mm dish, 5~10 x 10^6 viral producing cells each Or 7 reactions of 150mm dish, 20~30 x 10^6 viral producing cells each
Product Description:	Our **Virus-High® AAV / Adv Release Solution** is for fast and efficient harvest of Adenovirus (**ADV**), Adeno-Associated Virus (**AAV**), and other non-envelop and non-budding viruses from producing cells. ❖ **No** repeated freeze-thaw steps ❖ **Save** 2 to 5 hours (Only need 10 minutes) ❖ 30% to 60% **higher yield** of affecting virus (please refer to the following figure for detail.)
Kit Content:	AAV / Adv Release Solution **10 mL**



Protocol (example of processing **5 ~ 10 × 10⁶ cells** from **100mm Petri Dish)**

1. Thaw the **AAV / Adv Release Solution** completely in room temperature. Shake or vortex the bottle well before each usage.
2. Harvest **5 ~ 10 x 10⁶** viral producing cells.
3. Centrifuge the cells at **3,000x g** for **10 minutes** at **4ºC**.
4. Carefully aspirate and discard the supernatant completely.
5. Add **0.5 ml** of our **AAV / Adv Release Solution** to the cell pellet to Re-suspend the cells. **Vortex** the cell suspension for **30 seconds** to mix well**.**
6. Incubate the suspension for **10 minutes** in **room temperature**.
7. Centrifuge the cell suspension for **10 minutes** at **10,000x g** in **4°C**, and carefully transfer the clear supernatant to a clean new tube.
8. This supernatant contains the virus particles (virus soup). It can be used directly for further infection experiments, or stored in **-80°C**.

Remark:

1. If other than 5 ~ 10 x 10^6 cells are harvested, scale up or down the AAV / Adv Release Solution volume proportionally.

2. Some specific cells may be sensitive to the solution. The customer should determine the minimum dilution of the final virus soup before directly used it in the downstream *in vitro* experiments.

-- The end --