



## CERTIFICATE OF ANALYSIS

VVK10012335 Project #2

### Products

Purified AAV2-Empty (Lot: 23-189)

### Storage Conditions

The AAV vectors should be kept at -80°C for long term storage. When storing for frequent use, 4°C is recommended. Avoid storing at -20°C.

### Shelf Life

5 years when stored at -80°C.

### Shipping Conditions

Dry Ice

### Description

- AAV2-Empty was produced in Sf9 cells by infection with rBV-inCap2-inRep-kozak-hr2. The final buffer is 1xPBS + 0.001% pluronic F-68, 100mM Sodium Citrate.

The vectors were purified through 2 rounds of CsCl ultracentrifugation. CsCl was removed through buffer exchange with 2 PD-10 desalting columns. The vectors were then sterilized via filtration with 0.22 µm filters.

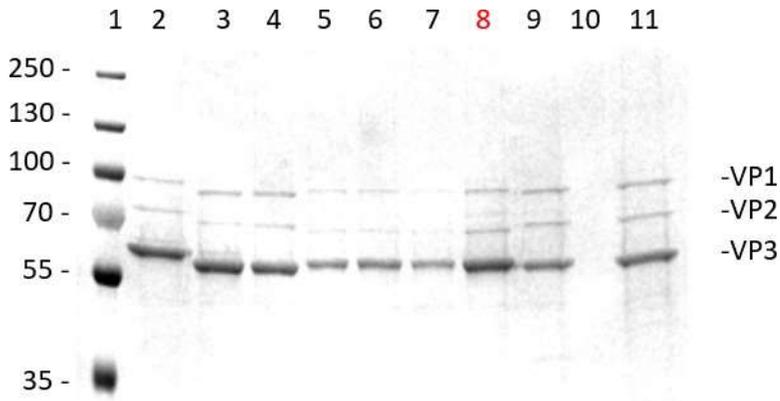
These vectors are for research use only and not for any human purposes.

### Quality Control Data

qPCR or Nanodrop analysis was used to determine the titer(s) of the AAV sample(s). SDS-PAGE and SimplyBlue Staining (Invitrogen) techniques were used to verify the purity of the vectors (Fig. 1). DNA agarose gel electrophoresis was used to verify genome quality (Fig. 2).

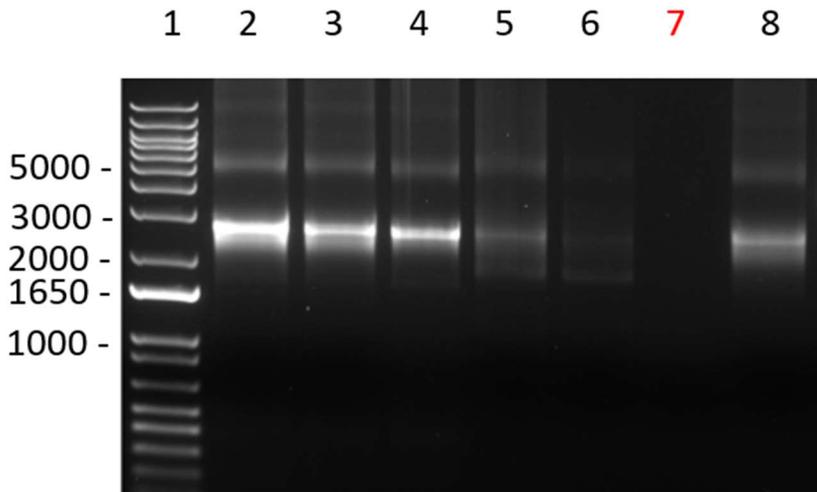
Product Titers

Lot 23-189: 2E+13 vg/ml



Lane 1: Protein Ladder  
Lane 2: AAV8 Standard Control 1E+11vg Loaded  
Lane 8: 23-189 AAV2-Empty 1E+11vg Loaded

Fig. 1. SDS-PAGE and InstantBlue Staining of purified samples.



Lane 1: DNA 1KB Ladder  
Lane 7: 23-189 AAV2-Empty 1E+11vg Loaded

Fig. 2. DNA agarose gel of purified samples.

Approved By: QA/QC Team      Date: 2023-05-08