



CERTIFICATE OF ANALYSIS

Product

Purified AAV8-Empty (Lot 24-227)

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 .

Shipping Conditions

Dry Ice

Manufacture Date

2024-05-30

Shelf Life/Expiration Date

Virovek's AAV will last 5 years from the manufacture date when stored at -80°C without freeze-thaw cycles.

Description

AAV8-Empty was produced in insect Sf9 cells by infection with rBV-V288-inCap8-inRep-kozak-2.

The vectors were purified through 2 rounds of CsCl ultracentrifugation. CsCl was removed through buffer exchange with Amicon desalting columns. The vectors were then sterilized via filtration with $0.22\ \mu\text{m}$ filters. The final buffer is 1xPBS + 0.001% pluronic F-68.

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

Capsid Titer

The titer of **AAV8-Empty** particles was determined by measuring the OD value with Nano Drop and plotting against a known AAV standard curve. The final dilution at $2\text{E}+13$ vp/mL was made by the formulation buffer.

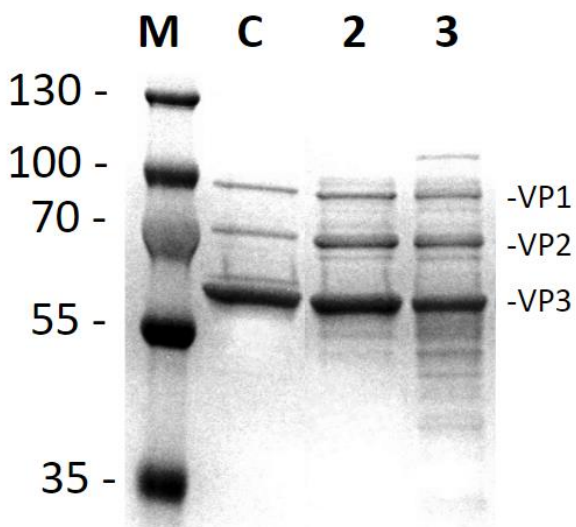


Quality Control Data

SDS-PAGE and InstantBlue Staining (Invitrogen) techniques were used to verify the purity of the vectors (Fig. 1).

Product titer

Lot 24-227: 2E+13 vp/mL



Lane M: Protein Ladder

Lane C: AAV8 Standard Control 1E+11vg Loaded

Lane 2: Lane is not related to these batches/order.

Lane 3: AAV8-Empty Lot 24-227 1E+11vp Loaded

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

Approved By: QA/QC Team Date: 2024-07-24