VIROVEK

CERTIFICATE OF ANALYSIS

Product

Purified AAV6-Empty (Lot 23-085)

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

2023-03-03

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

AAV6-Empty was produced in insect Sf9 cells by infection with rBV-V290-inCap8-inRep-kozak-hr2.

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. 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 **AAV6-Empty** particles was determined by measuring the OD value with Nano Drop and plotting against a known AAV standard curve. The final dilution at 2E+13 vp/mL was made by the formulation buffer.

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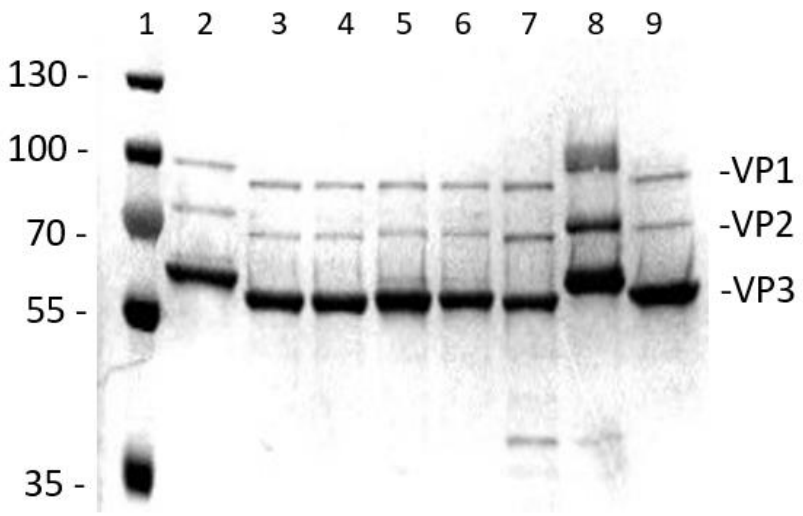
Quality Control Data

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

Product titer
Lot 23-085: 2E+13 vp/mL



Lane 1: Protein Ladder
Lane 2: AAV8 Standard Control 1E+11vg Loaded
Lane 9: 23-085 AAV6-Empty 1E+11vp Loaded

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

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