VIROVEK

CERTIFICATE OF ANALYSIS

Product

Purified AAV5-Empty (Lot 25-131E)

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

2025-05-13

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

• AAV5-Empty was produced by collecting the empty AAV capsid by-product from a full AAV capsid production in Sf9 cells by dual infection with rBV-inCap5-inRep-kozak-hr2 and rBV-CAG-GFP-WPRE-SV40pA.

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 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 **AAV5-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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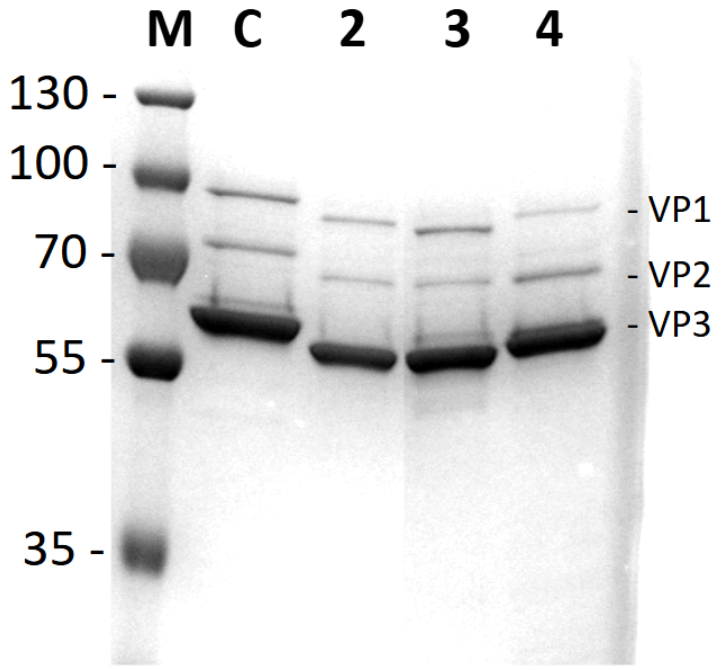
Quality Control Data

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

Product titer
Lot 25-131E: 2E+13 vp/mL



Lane M: Protein Ladder
Lane C: AAV8 Standard Control, 1E+11 vg loaded
Lane 4: AAV5-Empty Lot 25-131E, 1E+11 vp loaded
Lane 2&3 are not related to this batch.

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

Approved By: QA/QC Team Date: 2025-05-16

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