VIROVEK

# CERTIFICATE OF ANALYSIS

## Product

Purified AAVDJ-Empty (Lot 22-513)

## 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

**2022-09-06**

## 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

**AAVDJ-Empty** was produced in insect Sf9 cells by infection with rBV-V397-inCapDJ-inRep-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 **AAVDJ-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 (Expedeon) techniques were used to verify the purity of the vectors (Fig. 1).

Product titer
Lot 22-513: 2E+13 vp/mL

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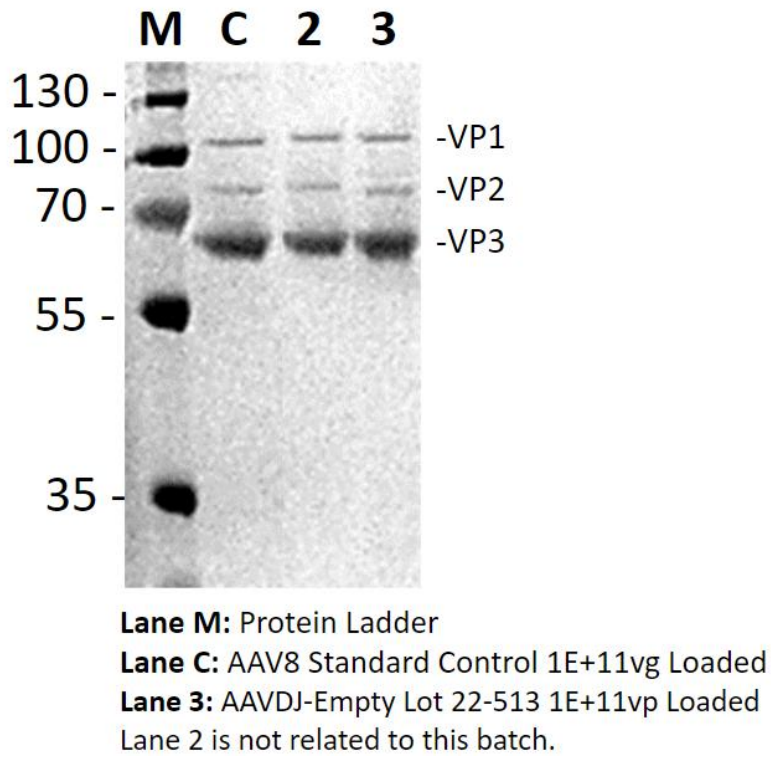


Fig. 1. SDS-PAGE and InstantBlue Staining of purified samples.

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