CERTIFICATE OF ANALYSIS

288B000

Product

Purified AAV8-Empty (Lot 24-337)

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

2024-08-22

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-hr2.

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 **AAV8-Empty** particles was determined by measuring the OD value with Nano Drop and plotting against a known AAV standard curve.

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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). DNA agarose gel electrophoresis was used to verify absence of full AAV or for any visible DNA present (Fig. 2).

Product titer

Lot 24-337: 2E+13 vp/mL

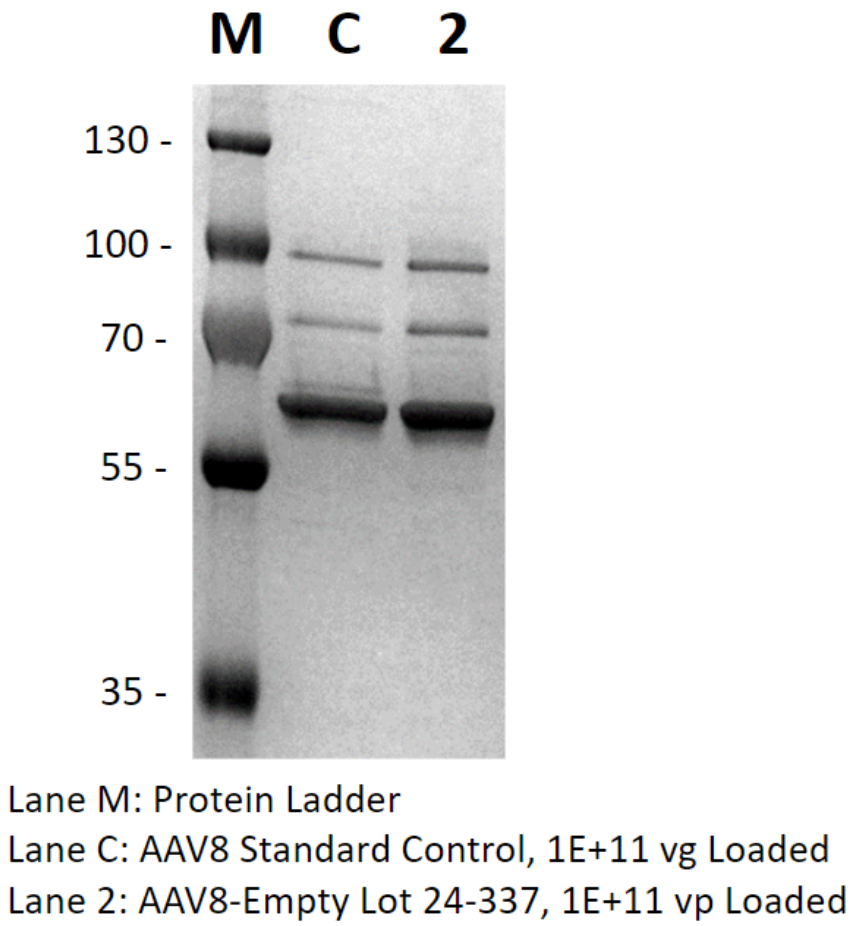
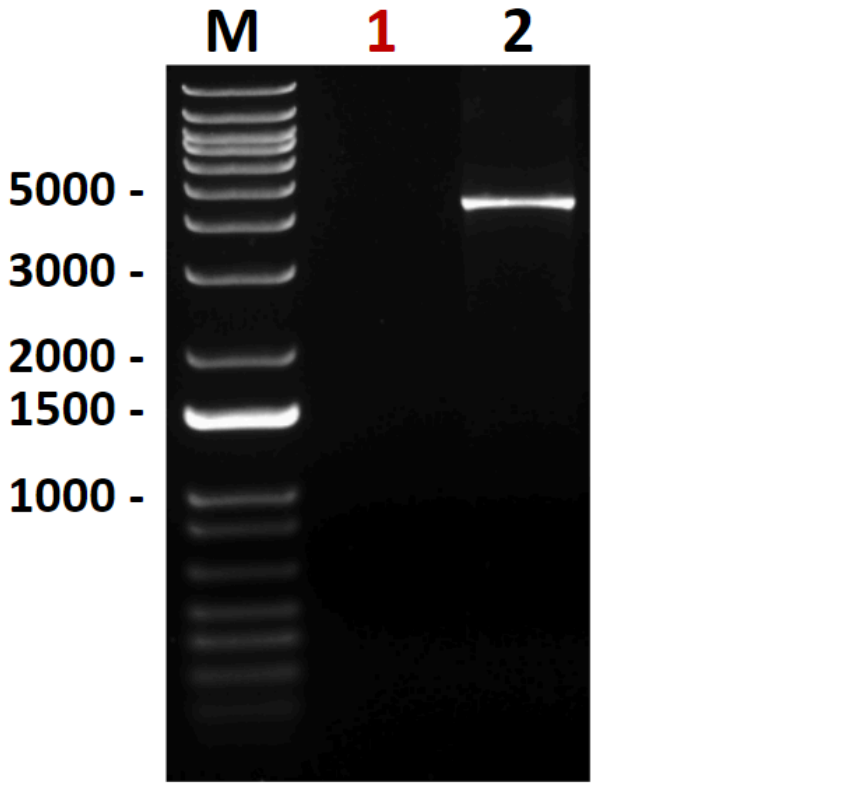


Fig. 1. SDS-PAGE and InstantBlue Staining of purified samples.



Lane M: 1kb DNA Ladder
Lane 1: AAV8-Empty Lot 24-337, 1E+11 vp Loaded
Lane 2 is not related to this batch.

Fig.2 DNA agarose gel of purified samples.

Approved By: QA/QC Team Date: 2024-09-19