VIROVEK

CERTIFICATE OF ANALYSIS

449B545

Product

Purified **AAV2-CMV-GFP (Lot 24-339)**

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

2024-09-05

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

• **AAV2-CMV-GFP** was produced in insect Sf9 cells by double infection with rBV-inCap2-inRep-kozak-hr2 and rBV-V545-CMV-GFP-hGHpA.

The vectors were purified through 2 rounds of CsCl ultracentrifugation. The 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 containing 0.001% pluronic F-68.

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

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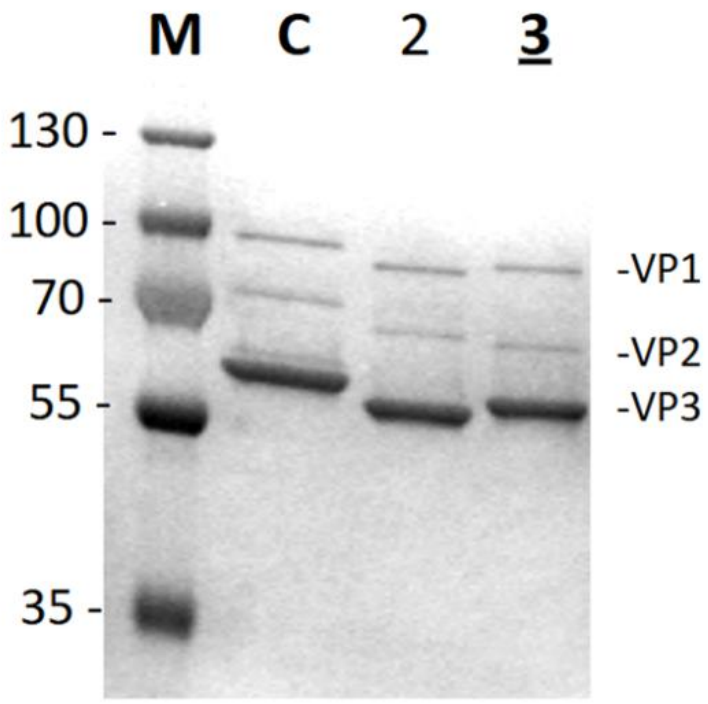
Quality Control Data

ITR-qPCR analysis was used to determine the titer(s) of the AAV sample(s). SDS-PAGE and InstantBlue Staining techniques were used to verify the purity of the vectors (Fig. 1). DNA agarose gel electrophoresis was used to verify genome quality (Fig. 2).

Product titer

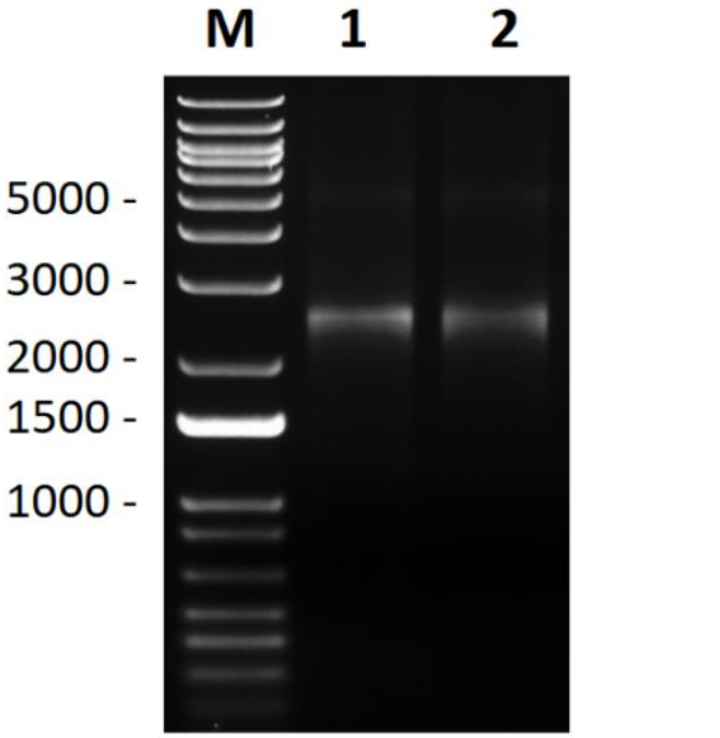
Lot 24-339: 1E+14 vg/mL

Lot 24-339: 2E+13 vg/mL



Lane M: Protein Ladder
Lane C: AAV8 Standard Control, 1E+11vg Loaded
Lane 3 AAV2-CMV-GFP Lot 24-339, 1E+11 vg loaded
Lane 2 is not related to this batch.

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



Lane M: 1KB DNA Ladder
Lane 2: AAV2-CMV-GFP Lot 24-339, 1E+11 vg loaded
Lane 1 is not related to this batch.

Fig. 2: DNA agarose gel of purified samples.

Approved By: QA/QC Team Date: 2024-12-17