



CERTIFICATE OF ANALYSIS

290B545

Products

AAV6-CMV-GFP (Lot 24-333)

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

2024-08-08

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-CMV-GFP was produced in Sf9 cells by dual infection with rBV-inCap6-inRep-kozak-hr2 and rBV-CMV-GFP-hGHpA. The final buffer is 1xPBS + 0.001% pluronic F-68.

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 $0.22\ \mu\text{m}$ filters.

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

Quality Control Data

ITR qPCR analysis was used to determine the titer(s) of the AAV sample(s). 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 genome quality (Fig. 2)



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Product Titers

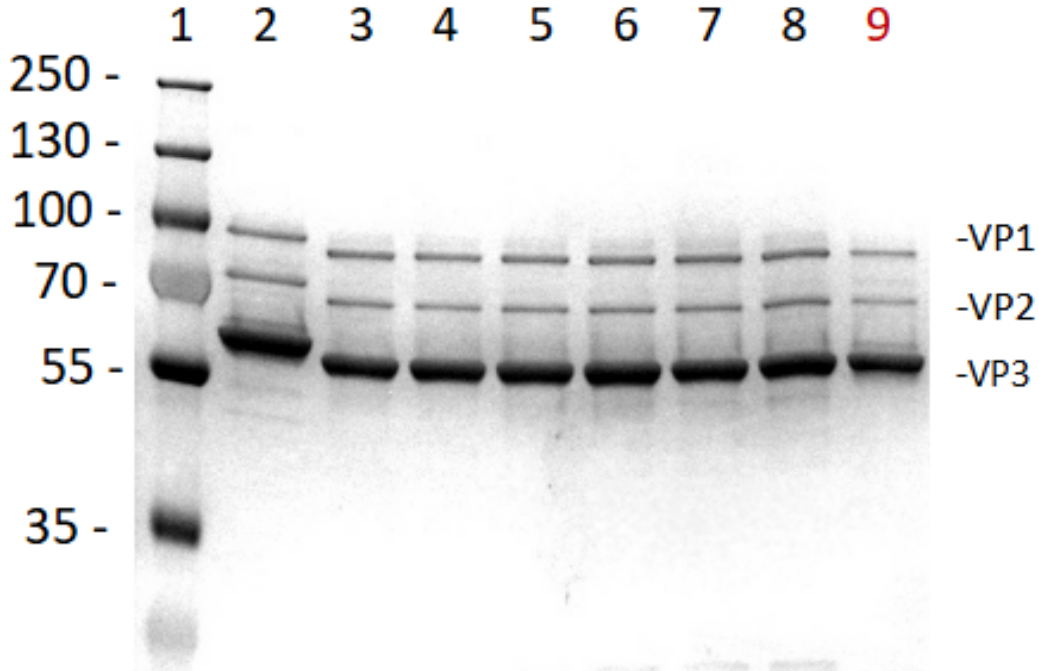
ITR-qPCR Titer:

Cat#290B545-2 , Lot 24-333: 2E+13 vg/ml

Cat#290B545-10 , Lot 24-333: 1E+14 vg/ml

ELISA AAV6 Capsid Titer:

Cat#290B545-10 , Lot 24-333: 1.28E+14 vp/ml



Lane 1: Protein Ladder

Lane 2: AAV8 Standard Control 1E+11vg Loaded

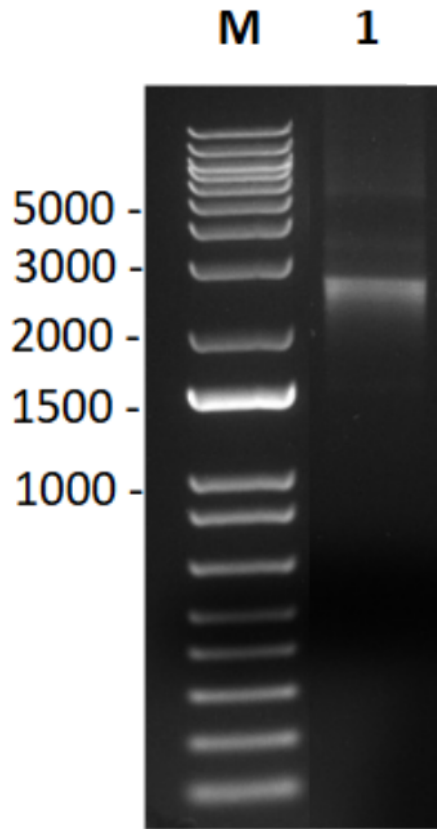
Lane 3-8: Not relevant to this project.

Lane 9: 24-333, AAV6-CMV-GFP, 1E+11vg Loaded



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



Lane M: 1kb DNA ladder

Lane 1: Lot 24-333 AAV6-CMV-GFP, 1E+11 vg Loaded

Fig. 2: DNA agarose gel of purified samples.

Approved By: QA/QC Team

Date: 2025-05-15