VIROVEK

CERTIFICATE OF ANALYSIS

Product

Purified AAV6-CAG-GFP (Lot 22-031)

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

2022-01-26

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-CAG-GFP was produced in insect Sf9 cells by infection with rBV-inCap6-inRep-kozak-hr2 (V290) and rBV-CAG-GFP (V269).

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 formulation buffer is 1xPBS + 0.001% pluronic F-68.

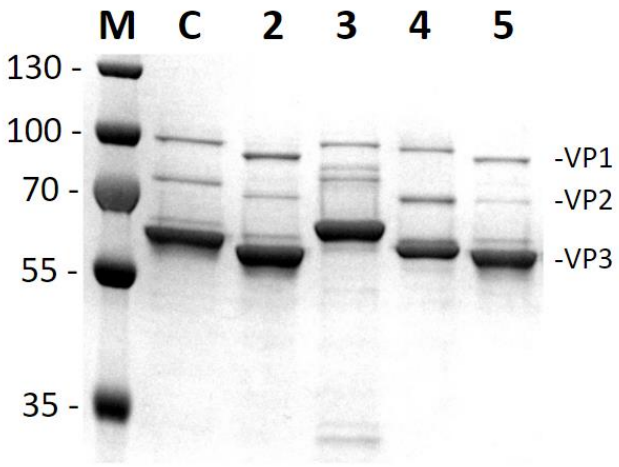
The vectors are for research use only, not for any human use.

Quality Control Data

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).

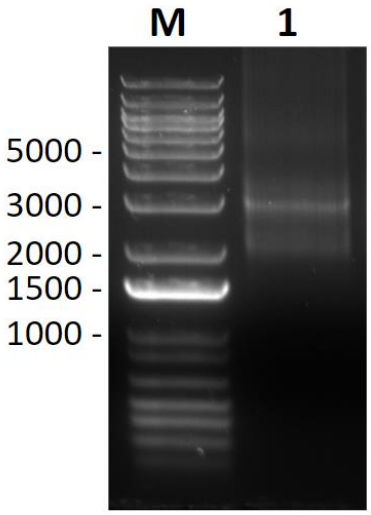
Product titers
Lot 22-031: 2E+13 vg/ mL, 1E+13 vg/mL

8300 Cypress Creek Pkwy., Suite 100, Houston, TX 77070 Tel: (346) 569-5012 Fax: (510) 887-7178 Email: info@virovek.com



Lane M: Protein Ladder
Lane C: AAV8 Standard Control 1E+11vg Loaded
Lane 5: AAV6-CAG-GFP Lot 22-031 1+11 vg
Other lanes are not related to this batch.

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



Lane M: 1KB DNA Ladder
Lane 1: AAV6-CAG-GFP Lot 22-031 1+11 vg Loaded

Fig. 2: DNA Agarose Gel of purified samples.

Approved By: QA/QC Team Date: 2024-07-01