



CERTIFICATE OF ANALYSIS

Product

Purified AAV8-CBA-GFP-Stuffer (Lot 23-071)

Purified AAV8-CBA-GFP-Stuffer (Lot 23-072)

Purified AAV8-CBA-GFP-Stuffer (Lot 23-073)

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

2023-03-01

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-CBA-GFP-Stuffer was produced in insect Sf9 cells by infection with rBV-V288-inCap8-inRep-2 and rBV-CBA-GFP-Stuffer.

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 $0.22\ \mu\text{m}$ filter. The final buffer is 1xPBS + 0.001% pluronic F-68.

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

Quality Control Data

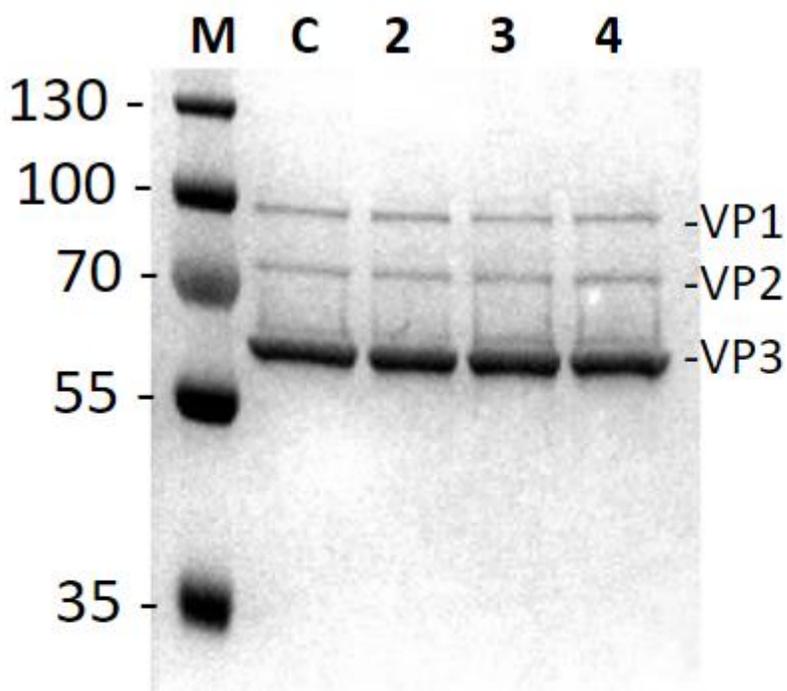
qPCR and Nanodrop analysis were used to determine the titer(s) of the AAV sample(s). SDS-PAGE and SimplyBlue Staining (Invitrogen) techniques were used to verify the purity of the vectors (Fig. 1). DNA agarose gel electrophoresis was used to verify genome quality (Fig. 2).

Product titer:

Lot 23-071: 2E+13 vg/mL

Lot 23-072: 2E+13 vg/mL

Lot 23-073: 2E+13 vg/mL



Lane M: Protein Ladder

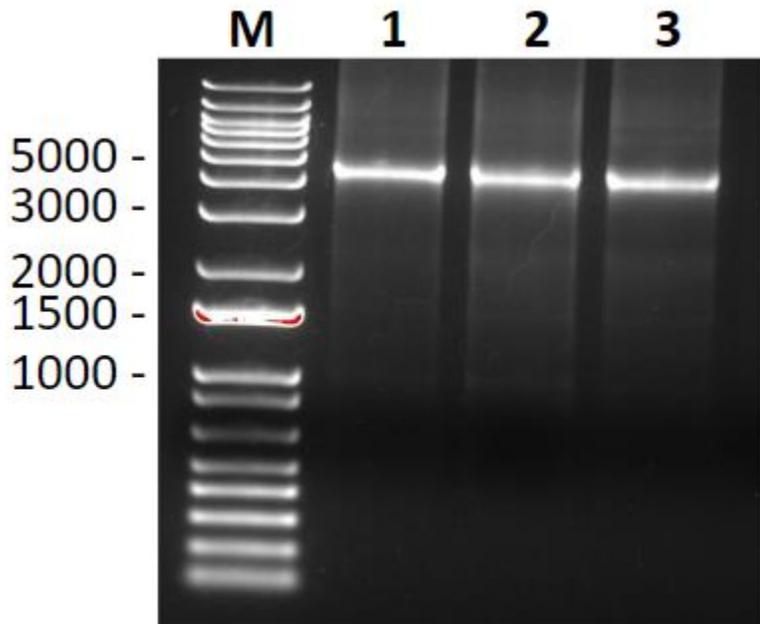
Lane C: AAV8 Standard Control 1E+11vg Loaded

Lane 2: AAV8-CBA-GFP-Stuffer Lot 23-071 1E+11vg Loaded

Lane 3: AAV8-CBA-GFP-Stuffer Lot 23-072 1E+11vg Loaded

Lane 4: AAV8-CBA-GFP-Stuffer Lot 23-073 1E+11vg Loaded

Fig. 1. SDS-PAGE and SimplyBlue Staining of purified sample.



Lane M: DNA 1 KB Ladder

Lane 1: AAV8-CBA-GFP-Stuffer Lot 23-071 1E+11vg Loaded

Lane 2: AAV8-CBA-GFP-Stuffer Lot 23-072 1E+11vg Loaded

Lane 3: AAV8-CBA-GFP-Stuffer Lot 23-073 1E+11vg Loaded

Fig. 2: DNA agarose gel of purified sample.

Approved By: QA/QC Team Date: 2024-05-31