



VIROVEK

CERTIFICATE OF ANALYSIS

Product

Purified AAV9-CMV-GFP, (Lot: 23-056)

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.

Shelf Life

5 years when stored at -80°C.

Shipping Conditions

Dry Ice overnight express shipment

Description

AAV9-CMV-GFP was produced in Sf9 cells by infection with rBV- inCap9-K2R-inRep-kozak-hr2 and rBV-CMV-GFP. The vectors were purified through 2 rounds of CsCl ultracentrifugation. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns.

The final buffer is 1xPBS + 0.001% pluronic F-68 + 100 mM sodium citrate.

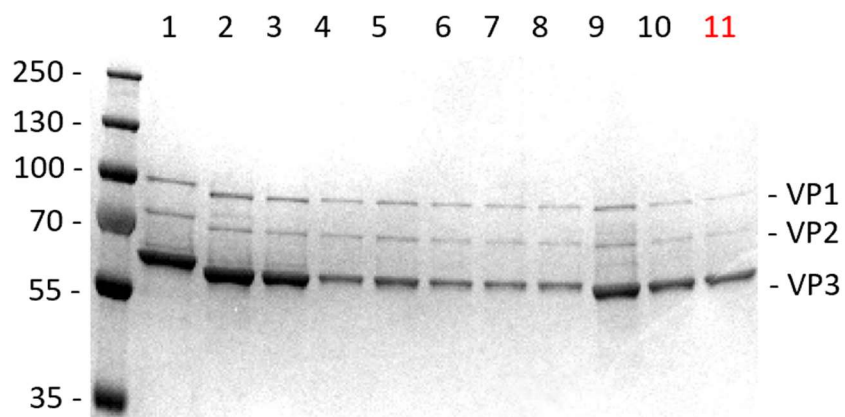
These vectors are for research use only and not for any human purposes.

Quality Control Data

The vectors were sterilized via filtration with 0.22 µm filters. qPCR analysis was 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 23-056: 2E+13 vg/ml



Lane 1: Protein Ladder

Lane **11**: 23-056 AAV9-CMV-GFP 1E+11vg Loaded

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV9-CMV-GFP (Lot: 23-056).

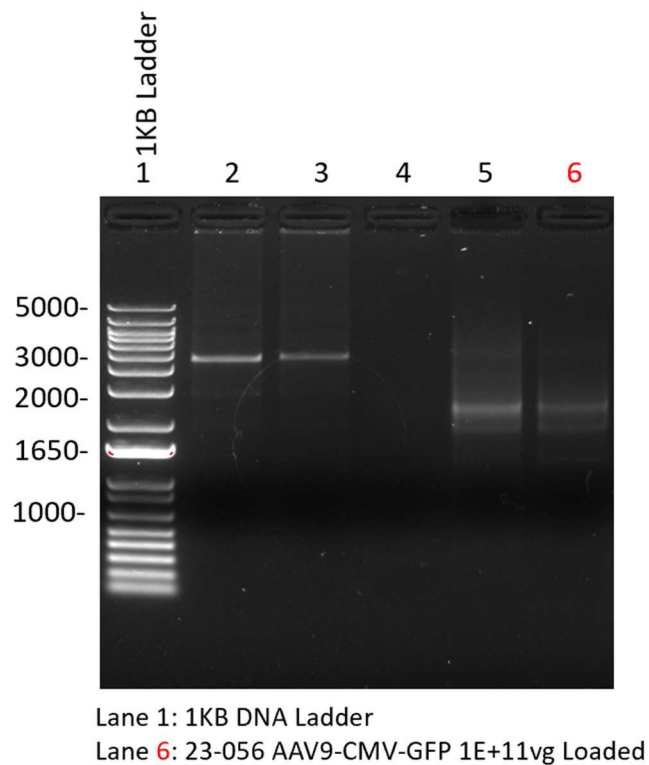


Fig. 2: DNA agarose gel of purified AAV9-CMV-GFP(Lot: 23-056)

Approved By: QA/QC Team Date: 2023-02-07