



## CERTIFICATE OF ANALYSIS

### Product

Purified AAV5-CMV-GFP, (Lot: 23-136)

### 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

AAV5-CMV-GFP was produced in Sf9 cells by infection with rBV- inCap5-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.

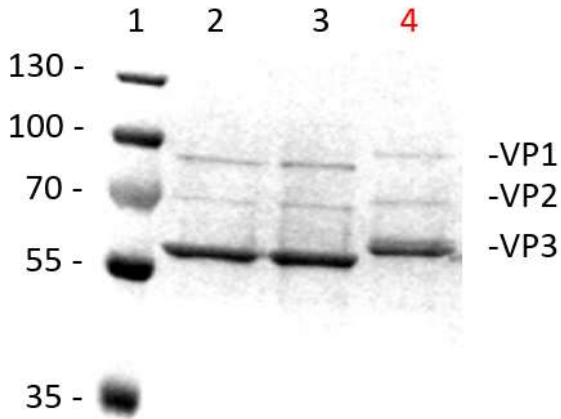
These vectors are for research use only and not for any human purposes.

### 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 23-136: 2E+13 vg/ml

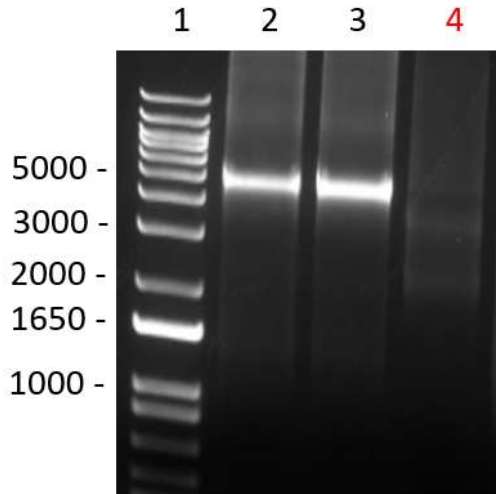


Lane 1: Protein Ladder

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

Lane 4: 23-136 AAV5-CMV-GFP 1E+11vp Loaded

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV5-CMV-GFP (Lot: 23-136).



Lane 1: DNA 1KB Ladder

Lane 4: 23-136 AAV5-CMV-GFP 1E+11vp Loaded

Fig. 2: DNA agarose gel of purified AAV5-CMV-GFP (Lot: 23-136)

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Approved By: QA/QC Team

Date: 2023-05-07