



CERTIFICATE OF ANALYSIS

Product

Purified AAV8-EMPTY(Lot: 23-033)

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

AAV8-EMPTY was produced in Sf9 cells by infection with rBV- inCap8-K2R-inRep-kozak-hr2 only. 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.

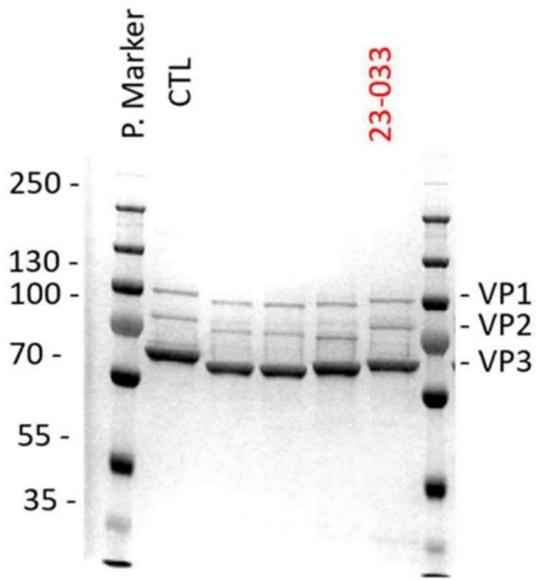
These vectors are for research use only and not for any human purposes.

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 23-033: 2E+13 vg/ml

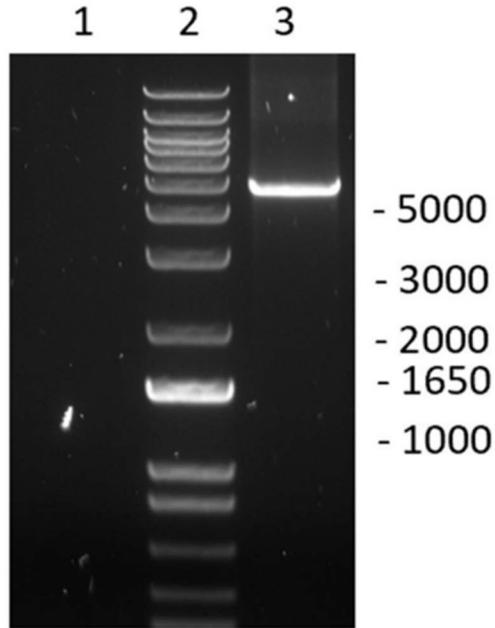


Lane CTL: Positive Control AAV8 1E+11 vg Loaded
Lot 23-033 AAV8-EMPTY, 1E+11 vg Loaded

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV8-Empty.(Lot #23-033)



1KB Ladder



Lane 1: 23-033 AAV8-Empty 1E+11 vg Loaded
Lane 2: 1KB DNA Ladder
Lane 3: 23-023 AAV9-PRVT154 1E+11vg Loaded

Fig. 2: DNA agarose gel of purified AAV9-PRVT154(Lot: 23-023), AAV8-Empty (Lot: 23-033)

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