



CERTIFICATE OF ANALYSIS

Products

Purified AAV5-Empty (Lot: 23-061)

Purified AAV8-Empty (Lot: 23-063)

Purified AAV9-Empty (Lot: 23-049)

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-Empty was produced in Sf9 cells by infection with rBV-inRep-inCap5-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 vectors were then sterilized via filtration with 0.22 µm filters.

AAV8-Empty was produced in Sf9 cells by infection with rBV-inRep-inCap8-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 vectors were then sterilized via filtration with 0.22 µm filters.

AAV9-Empty was produced in Sf9 cells by infection with rBV-inRep-inCap5-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 vectors were then sterilized via filtration with 0.22 µm filters.

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

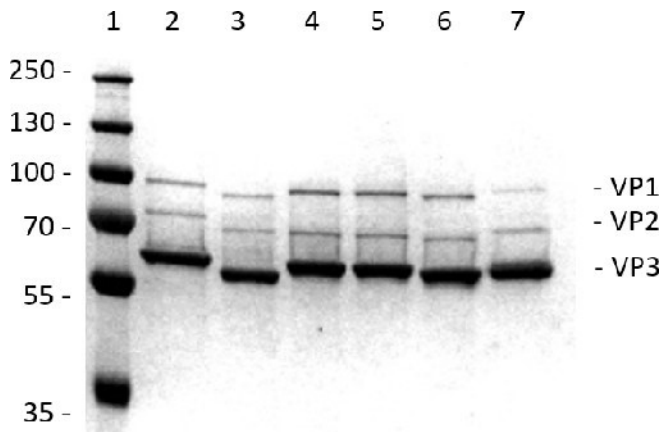


Quality Control Data

qPCR or Nanodrop 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 shows blank DNA bands.

Product Titers

Lot 23-061: 2E+13 vg/ml
Lot 23-063: 2E+13 vg/ml
Lot 23-049: 2E+13 vg/ml



Lane 1: Protein Ladder
Lane 2: AAV8 Standard Control 1E+11vg Loaded
Lane 7: 23-061 AAV5-Empty 1E+11vg Loaded
Lane 5: 23-063 AAV8-Empty 1E+11vg Loaded
Lane 6: 23-049 AAV9-Empty 1E+11vg Loaded

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

Approved By: QA/QC Team Date: 2023-03-01