VIROVEK

CERTIFICATE OF ANALYSIS

Product Name: Purified AAV8-CMV-GFP

Catalog Number: 288B545

Lot Number: 23-013

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

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-CMV-GFP was produced in Sf9 cells by infection with rBV- inCap8-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 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 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 electrophoresis was used to verify genome quality (Fig. 2)

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Product Titer

Lot 23-013: 2E+13 vg/ml, Aliquot Volume: 1.0ML; 0.5ML; 0.1ML

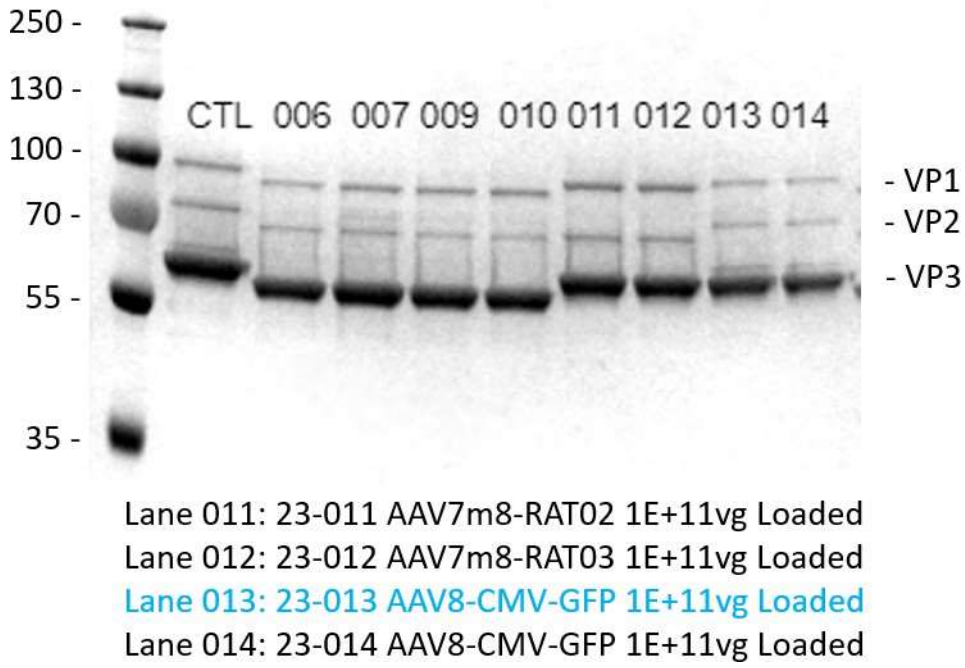
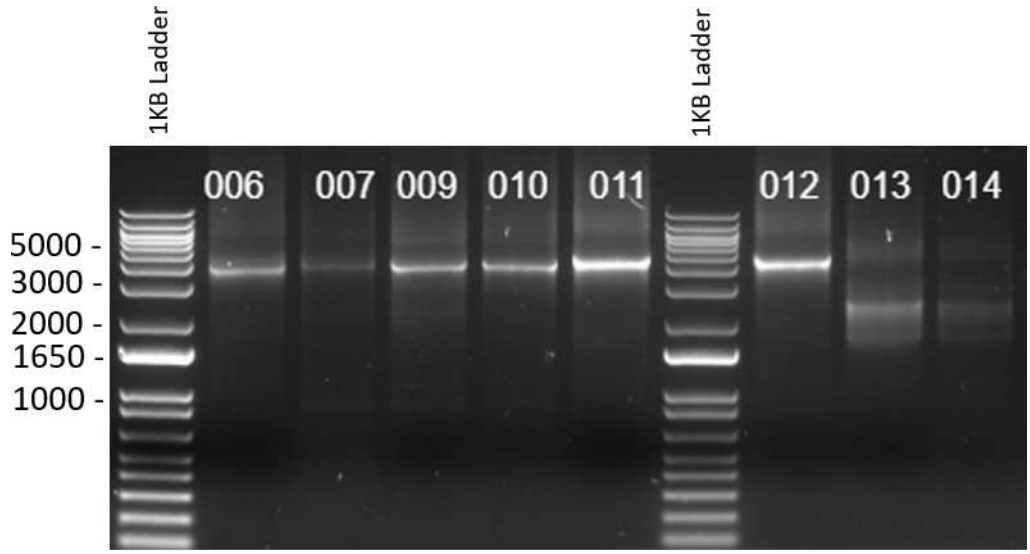


Fig. 1. SDS-PAGE and InstantBlue Staining of purified samples.



Lane 11: 23-011 AAV7m8-RAT02 1E+11vg Loaded
Lane 12: 23-012 AAV7m8-RAT03 1E+11vg Loaded
Lane 13: 23-013 AAV8-CMV-GFP 1E+11vg Loaded
Lane 14: 23-014 AAV8-CMV-GFP 1E+11vg Loaded

Fig. 2: DNA agarose gel of purified samples.

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