VIROVEK

CERTIFICATE OF ANALYSIS

Purified AAV8-CMV-GFP (Lot 23HEK125 & 23HEK126)
(for research use only)

Storage Conditions

The AAV vectors should be stored at -80°C for long term usage. 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

Description

AAV8-CMV-GFP were produced in HEK293 cells by triple transfection of the plasmids of V445 (GFP), V478 (Cap 8) and V479 (helper). The vectors were purified through 2 rounds of CsCl ultracentrifugations. We manually collect the AAV8-Empty band. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns.

AAV8-CMV-GFP vectors are for research use only, not for any human use.

Package Contents

Lot 23HEK125 & 23HEK126: 100 ul aliquot per your request

QPCR Titer

2.00E+13 vg/ mL

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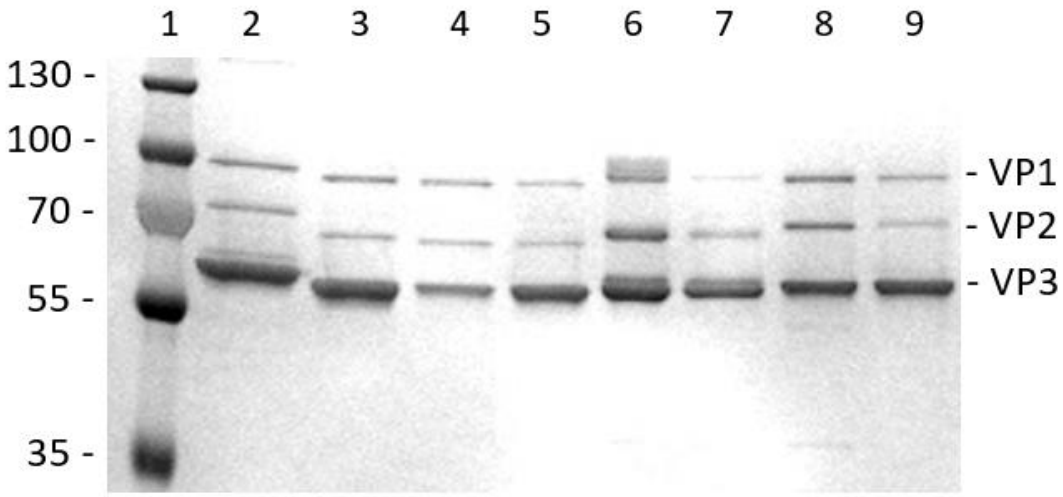
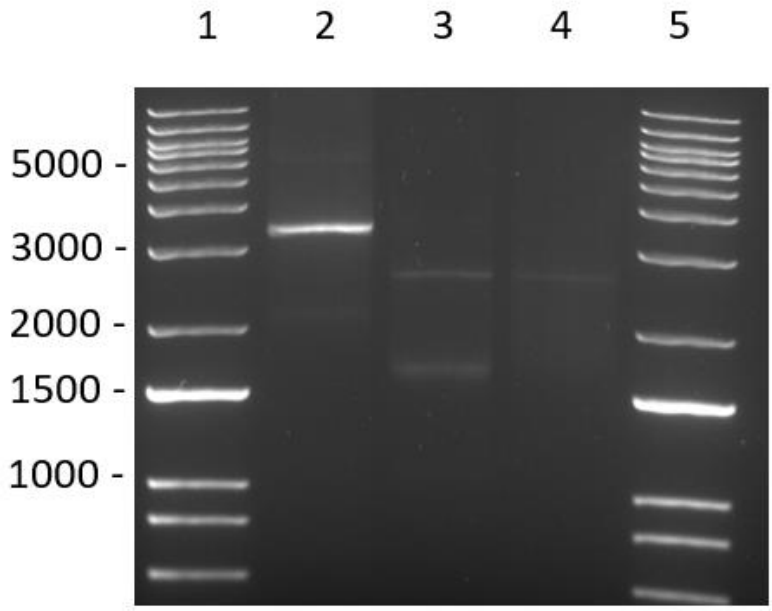
Quality Control Data

The vectors were sterilized with 0.22μm filter. SDS-PAGE and InstantBlue Staining (Expedeon) verified the purity of the vectors (Fig. 1). Real-time PCR analysis determined the titers of the AAV samples.



Lane 1: Protein Ladder
Lane 2: AAV8 Standard Control 1E+11vg Loaded
Lane 8: 23HEK126 AAV8-CMV-GFP 1E+11vg Loaded
Lane 9: 23HEK125 AAV8-CMV-GFP 1E+11vg Loaded

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV8-CMV-GFP (Lot 23HEK125 & 23HEK126).



Lane 1&5: 1KB DNA Ladder
Lane 3: 23HEK126 AAV8-CMV-GFP 1E+11vg Loaded
Lane 4: 23HEK125 AAV8-CMV-GFP 1E+11vg Loaded

Fig. 2: DNA agarose gel of purified AAV8-CMV-GFP (Lot 23HEK125 & 23HEK126).

Approved by: Min Chen Wednesday, Aug 16th, 2023