



CERTIFICATE OF ANALYSIS

Purified **AAV2-CAG-GFP** vectors (19-105)

(for research use only)

Storage Conditions

The AAV2 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

Description

The **AAV2-CAG-GFP** vectors were produced in insect Sf9 cells by dual infection with rBV-inCap2-inRep and rBV- CAG-GFP. The vectors were purified through 2 rounds of CsCl ultracentrifugations. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns.

AAV2-CAG-GFP vectors are for research use only, not for any human purposes.

QPCR Titer

Lot 19-105: 2.11E+13 vg/mL (final diluted)

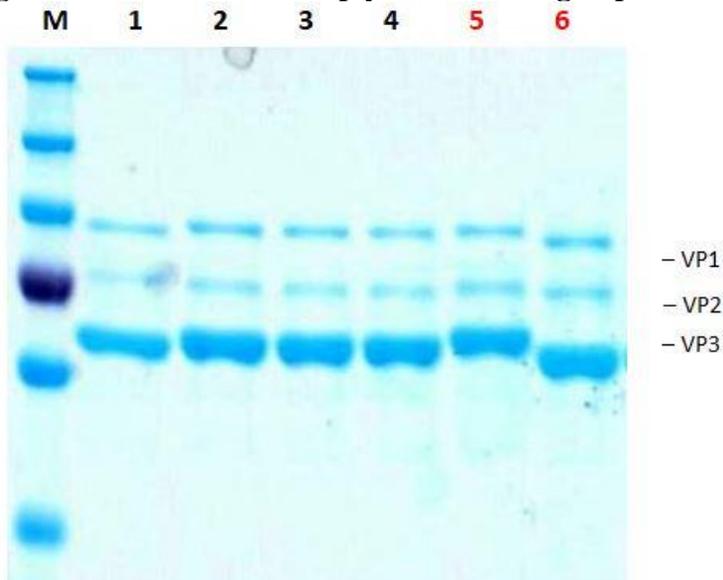
Confirmed by NanoDrop spectrophotometer measurements and SDS-PAGE Protein Gel Analysis.

Quality Control Data

The vectors were treated through 0.2um sterilized filters. SDS-PAGE and SimplyBlue Staining (Invitrogen) verified the purity of the vectors. Real-time PCR analysis determines the titers of the AAV samples.



Fig. 1: SDS-PAGE and Simply Blue Staining of purified AAV (19-104), and (19-105).



Lane M: Protein ladder
Lane 1: Control AAV9, 1e+11vg loaded
Lane 5: AAV7m8 (Lot# 19-104), 1e+11vg
Lane 6: AAV2 (Lot# 19-105), 1e+11vg
Other lanes are unrelated AAV samples

Approved by: Nathaniel Whitmore Monday, June 06, 2022.