

**CERTIFICATE OF ANALYSIS****Purified AAV2.retro-CAG-GFP (Lot# :20-558)**

(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

Description

AAV2.retro-CAG-GFP was produced in insect Sf9 cells by infection with rBV-inCap2.retro-inRep (V396) and rBV-CAG-GFP.

The vector was purified through 2 rounds of CsCl ultracentrifugations. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns. The AAV is in 1xPBS+100mM sodium citrate+0.001% pluronic F-68 buffer.

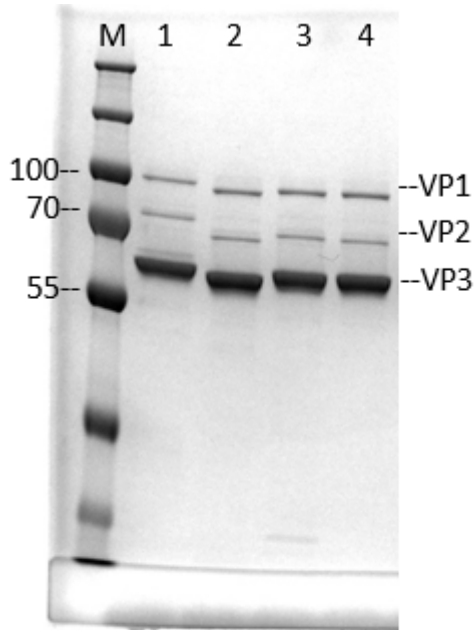
The vectors are for research use only, not for any human use.

QPCR Titer

Lot 20-558: 2E+13 vg/ml (final diluted)

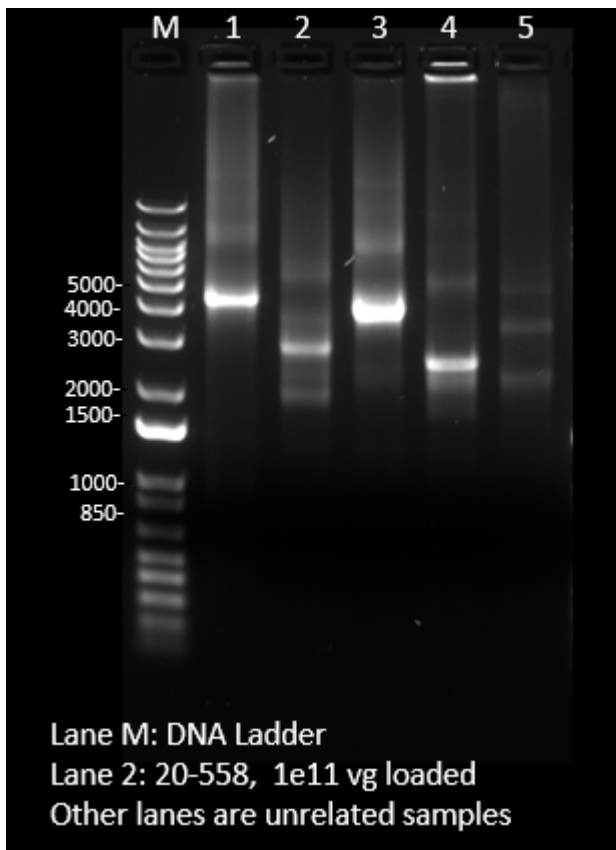
Quality Control Data

The vector was sterilized with 0.22µm filter. SDS-PAGE and InstantBlue Staining (Expedeon) verified the purity of the vectors. See Appendix for SDS-PAGE result. Real-time PCR analysis determined the titers of the full AAV sample.



Lane M: Protein Ladder
Lane 1: AAV8 control, 1e11 vg loaded
Lane 3: 20-558 1e11 vg loaded
Other lanes are unrelated samples

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV2.retro-CAG-GFP (Lot 20-558).



Lane M: DNA Ladder
Lane 2: 20-558, 1e11 vg loaded
Other lanes are unrelated samples

Fig. 2. DNA agarose gel of purified AAV2.retro-CAG-GFP (Lot 20-558).

Approved by: QA&QC Team 2022-06-15



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