



## **CERTIFICATE OF ANALYSIS**

### **Purified AAV9-EMPTY (Lot 22-351)**

(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**

AAV9-EMPTY was produced in insect Sf9 cells by infection with rBV-inCap9-inRepCap-hr2 (V289)(Fig. 2).

The vectors were purified through 2 rounds of CsCl ultracentrifugations. The CsCl was removed through buffer exchange with 2 PD-10 desalting columns. The final AAVs are in 1xPBS+0.001% pluronic F-68 buffer.

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

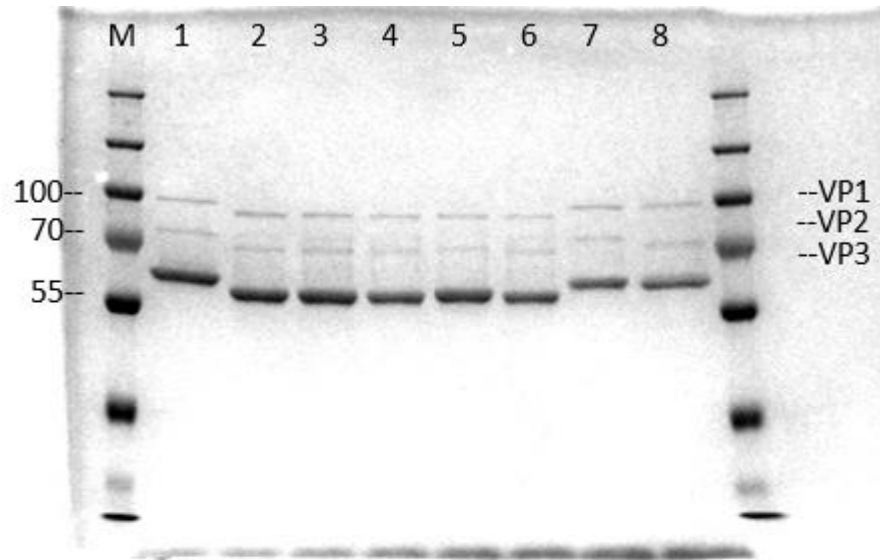
### **Titer**

Lot 22-351: 2E+13 vg/ mL (final diluted)



### 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). OD analysis determined the titers of the AAV samples. Gel-clot assay determined the endotoxin level of the AAV samples. (Table 1).



Lane M: Protein Ladder  
Lane 1: AAV8 control, 1e11 vg loaded  
Lane 6: 22-351, 1e11 vg loaded  
Other lanes are unrelated samples

Fig. 1. SDS-PAGE and InstantBlue Staining of purified AAV9-empty (Lot: 22-351).

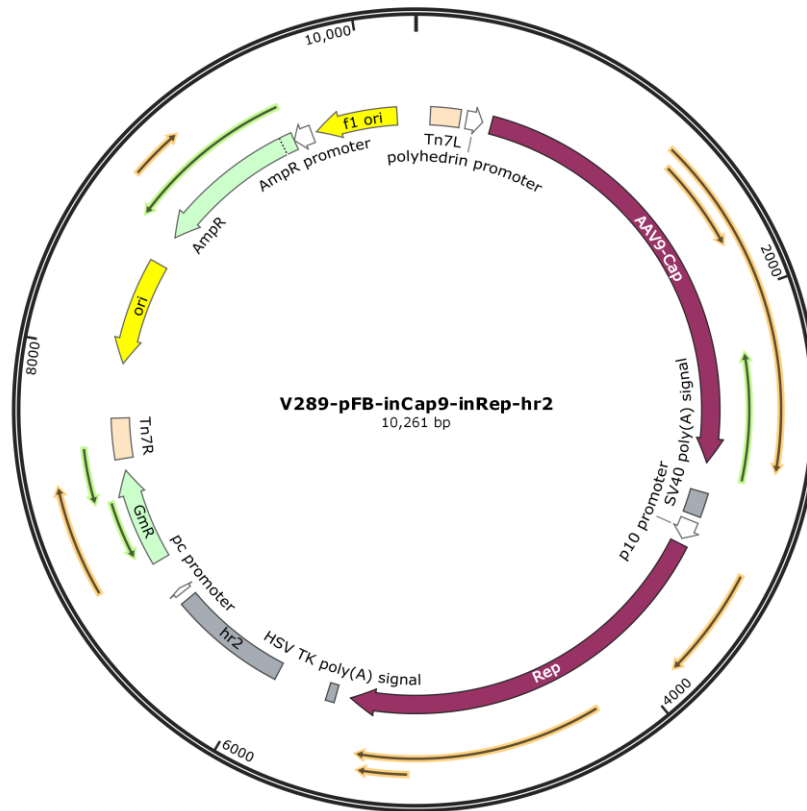


Fig. 2. Diagram of plasmid used to generate rBV-inCap9-inRepCap-hr2 (V289)

Approved by: AC Wednesday, August 31, 2022