

## AAV8 ELISA Control

<b>Cat. No.</b>	PRAAV8-C
<b>Quantity</b>	1 vial (1.9E+08 – 3.2E+08 capsids)

### Product description

<b>Formulation</b>	Lyophilized, empty AAV8 capsids. Reconstitute in 500 µl ASSB 1x (provided with PROGEN's AAV8 Titration ELISA), incubate 5 min at RT and mix by rolling 5 min. Avoid vortexing!
<b>Storage</b>	store at 2-8°C
<b>Concentration</b>	3.8E+08 – 6.3E+08 capsids/ml after reconstitution in 500 µl ASSB 1x (please find the lot-specific concentration on the CoA and on the vial)
<b>Stability</b>	4 weeks at 2-8°C after reconstitution in ASSB 1x
<b>Intended use</b>	Research use only

### Applications

Tested applications	Tested dilutions
<b>ELISA</b>	As a positive control in ELISA, a 1:4 dilution in ASSB 1x (provided with PROGEN's AAV8 Titration ELISA) and analysis at least in duplicates is recommend.

### Background

The AAV8 ELISA Control consists of fully assembled, empty AAV8 capsids. The concentration is lot specific.

The AAV8 ELISA Control can be used as a positive control with PROGEN's AAV8 Titration ELISA (PRAAV8). If you require different lots of the AAV8 ELISA Control and the Kit Control included in your PROGEN AAV8 Titration ELISA, please enquire to check availability.

Reading of the AAV8 ELISA Control from the standard curve (i.e. Kit Control, included in PROGEN's AAV8 Titration ELISA) is influenced by inter- and intra-assay, but also by inter-lab variances. Therefore, it is recommended that each laboratory determines its own acceptable range of recovery.

The AAV8 ELISA Control has been calibrated on the ATCC AAV8 reference standard material (RSM, VR-1816). For further information, please see the publication by [Ayuso et al., 2014](#).

#### Publications

**Ayuso, E. et al.** Manufacturing and characterization of a recombinant adeno-associated virus type 8 reference standard material. *Hum. Gene Ther.* 25, 977-987 (2014).

**D'Costa, S. et al.** Practical utilization of recombinant AAV vector reference standards: focus on vector genomes titration by free ITR qPCR. *Mol. Ther. Methods Clin. Dev.* 5, 16019 (2016).

**Gurda, B. L. et al.** Mapping a neutralizing epitope onto the capsid of adeno-associated virus serotype 8. *J. Virol.* 86, 7739-7751 (2012).

**Sonntag, F. et al.** The Assembly-Activating Protein Promotes Capsid Assembly of Different Adeno-Associated Virus Serotypes. *J. Virol.* 85, 12686-12697 (2011).

## Product Images

