

AAV2 ELISA Control

Cat. No.	PRAAV2-C
Quantity	1 vial (0.8E+09 – 1.4E+09 capsids)

Product description

Formulation	Lyophilized, empty AAV2 capsids. Reconstitute in 500 µl ASSB 1x (provided with PROGEN's AAV2 Titration ELISA), incubate 5 min at RT and mix by rolling 5 min. Avoid vortexing!
Storage	store at 2-8°C
Concentration	1.7E+09 – 2.8E+09 capsids/ml after reconstitution in 500 µl ASSB 1x (please find the lot-specific concentration on the CoA and on the vial)
Stability	4 weeks at 2-8°C after reconstitution in ASSB 1x
Intended use	Research use only

Applications

Tested applications	Tested dilutions
ELISA	As a positive control in ELISA, a 1:4 dilution in ASSB 1x (provided with PROGEN's AAV2 Titration ELISA) and analysis at least in duplicates is recommended.

Background

The AAV2 ELISA Control consists of fully assembled, empty AAV2 capsids. The concentration is lot specific.

The AAV2 ELISA Control can be used as a positive control with PROGEN's AAV2 Titration ELISA (PRATV & PRAAV2R). If you require different lots of the AAV2 ELISA Control and the Kit Control included in your PROGEN AAV2 Titration ELISA, please enquire to check availability.

Reading of the AAV2 ELISA Control from the standard curve (i.e. Kit Control, included in PROGEN's AAV2 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 AAV2 ELISA Control has been calibrated on the ATCC AAV2 reference standard material (RSM, VR-1616). For further information, please see the publication by [Lock et al., 2010](#).

Publications

Lock M, McGorray S, et al. Characterization of a recombinant Adeno-Associated Virus Type 2 reference standard material; Hum Gene Therapy 21:1273-1285 (2010).

Grimm D, Kern A, Pawlita M, Ferrari F, Samulski R and Kleinschmidt J. Titration of AAV-2 particles via a novel capsid ELISA: packaging of genomes can limit production of recombinant AAV-2. Gene Therapy 6:132-1330 (1999).

Product Images

