

Product datasheet

AAV5 ELISA Control

Short overview

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| Cat. No. | PRAAV5-C |
| Quantity | 1 vial (3.9E+09-6.5E+09 capsids) |
| Concentration | 7.9E+09-1.3E+10 capsids/ml after reconstitution in 500 µl ASSB 1x (please find the lot-specific concentration on the CoA and on the vial) |

Product description

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| Formulation | Lyophilized, empty AAV5 capsids. Reconstitute in 500 µl ASSB 1x (provided with PROGEN's AAV5 Titration ELISA), incubate 5 min at RT and mix by rolling 5 min. Avoid vortexing! The final solution contains stabilizing protein, phenol red and ASSB 1x buffer. |
| Stability | 4 weeks at 2-8°C after reconstitution in ASSB 1x |
| Storage | 2-8°C |
| Intended use | Research use only |
| Application | ELISA |

Applications

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| ELISA | As a positive control in ELISA, a 1:4 dilution in ASSB 1x (provided with PROGEN's AAV5 Titration ELISA) and analysis at least in duplicates is recommended. |
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Background

The AAV5 ELISA Control consists of fully assembled, empty AAV5 capsids. The concentration is lot specific. The AAV5 ELISA Control can be used as a positive control with PROGEN's AAV5 Titration ELISA (PRAAV5). If you require different lots of the AAV5 ELISA Control and the Kit Control included in your PROGEN AAV5 Titration ELISA, please enquire to check availability. Reading of the AAV5 ELISA Control from the standard curve (i.e. Kit Control, included in PROGEN's AAV5 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 AAV5 ELISA Control has been calibrated on an internally established reference standard. The internal reference standard is a preparation of full AAV5 capsids that has been characterized by qPCR and ddPCR (DNA quantification) and electron microscopy (ratio of full to empty capsids). For further information, please see our poster Developing reliable AAV standards for ELISA available at aavvirus.com.

Product images



AAV5 ELISA Control

References

| Publication | Species | Application |
|--|----------------|-------------|
| Kuck, D., Kern, A. & Kleinschmidt, J. A. Development of AAV serotype-specific ELISAs using novel monoclonal antibodies. J. Virol. Methods 140, 17–24 (2007). | AAV1,AAV5,AAV6 | WB,ICC-IF |