

With recombinant  
antibodies!

**PROGEN**  
passion for research



# A LEAP FORWARD

in standardized AAV titer determination

**NEW!**

**AAV2 &  
AAV3**

**ELISAs**

- With recombinant antibodies for the reliable quantification of AAV2 & AAV3 titers
- No cross-reaction with other serotypes than AAV2 & AAV3
- low intra- & inter-assay variation

# NEW!

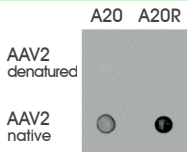
## AAV2 & AAV3 ELISAs

### EASY HANDLING!

Same test procedure for all AAV serotype ELISAs

#### Advanced recombinant IgGs

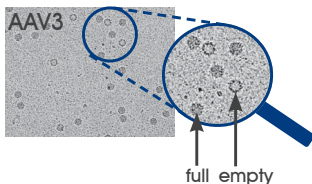
- optimal stability and lot-to-lot consistency
- equal performance as mouse mAb in cross-reactivity, AAV capsid recognition & binding sensitivity
- excellent recognition of native capsids



*Dot blot analysis of antibody reactivity with denatured and native AAV2 capsids, confirming equal specificity of the A20 and the A20R antibodies for AAV2 capsid recognition.*

#### Standardized kit calibration

- Kit Control alignment for the AAV2 ELISA is based on ATCC standard material\*
- Internal gold standard for the AAV3 ELISA has been developed using cryo-electron microscopy in combination with qPCR and ddPCR (see EM-data to the right).
- ELISAs enable distinction of intact AAV particles



*Distinction of full and empty AAV3 capsids. AAV3 cryo-EM micrograph used to characterize internal AAV3 gold standard material. (Image courtesy of EMBL Heidelberg)*

\*Ayuso E et al., 2014, *Human Gene Therapy* 25:977–987

*„After many years using Progen's AAV ELISA kits it was very easy for us to switch from PRATV to PRAAV2R. The results obtained with several vectors were highly comparable in both kits, so we are confident to use the novel kit for future experiments.“*

*Eduard Ayuso, PhD, University of Nantes*

Contact us at [AAV@progen.com](mailto:AAV@progen.com)  
[www.progen.com](http://www.progen.com)

