

THE ABC OF AAV

for successful gene therapy

AAV vectors are universal gene shuttles in human cells. They represent powerful tools in gene therapy research and development.

Optimize your workflow and increase your experimental success by using compatible and established products from PlasmidFactory, Sirion Biotech, Vibalogics and PROGEN!

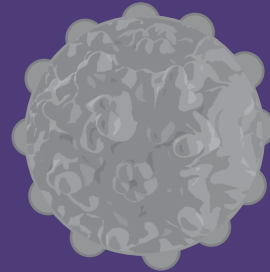
A



MANUFACTURE AAV PLASMIDS

AAV PRODUCTION WITH
HELPER & PACKAGING
AND VECTOR PLASMIDS

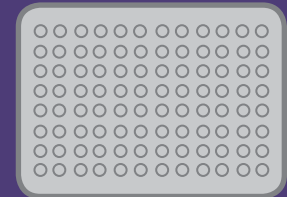
B



ENGINEER & MANUFACTURE AAV VECTOR

CUSTOM ENGINEERING
& MANUFACTURING
OF THE AAV VECTOR

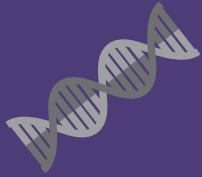
C



QUANTIFY AAV TITER

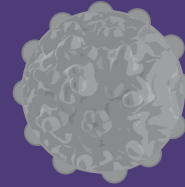
QUANTIFICATION
OF AAV PARTICLES
BY TITRATION ELISA





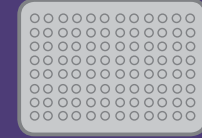
MANUFACTURE AAV PLASMIDS

- Cost-effective & reliable 2-plasmid system
- *In Stock* service for immediate delivery
- Various serotypes of pDG/pDP plasmids available
- AAV *minicircles* for high productivity & correct packaging
- Contract manufacturing
- HQ for clinical application



ENGINEER & MANUFACTURE AAV VECTOR

- Custom engineering and pilot-manufacturing of $5 \times 10^{12} - 1 \times 10^{14}$ genetic copies (GC)
- Scale up of preclinical processes and GMP production
- AAV serotypes 1, 1/2, 2, 3, 4, 5, 6 & custom capsid modifications



QUANTIFY AAV TITER

- Dependable & reproducible AAV titer quantification
- Specific recognition of intact AAV particles
- Available for AAV serotypes 1, 2, 5, 6, 8, 9
- Published & validated assays for standardized approaches
- Damage-free AAV purification with OptiPrep™



WWW.ABC-OF-AAV.COM