

Certificate of Analysis



AAV9 standard material (eGFP)

Cat. No.	66V091
Product	Purified AAV9 capsids containing eGFP reporter gene controlled by a CMV promoter
Lot No.	FAK23276-01
Packing Unit	100 µl
Viral Genome Titer	3.1E+12 vg/ml (qPCR – eGFP primers)
Capsid titer	7.2E+12 capsids/ml (PROGEN ELISA, PRAAV9 and PRAAV9XP)
Filling grade	78% full capsids (DLS-SLS-UV/Vis) 84% full capsids (CDMS)
Transfer vector	pAAV-CMV-eGFP-WPRE
Packaging plasmid	pRep2-Cap9 + pHelper
Source	HEK293T
Endotoxin	< 1.0 EU/ml (detection limit 1.0 EU/ml)
Purification	POROS CaptureSelect AAV9 (Thermo Fisher Scientific) and iodixanol gradient centrifugation for removal of empty capsids using OptiPrep™ (Cat. No. 1893, PROGEN)
Purity	> 95 % (determined by SDS-PAGE and Stain-Free Technology from Bio-Rad)
Formulation	PBS + 0.014% Tween20 + 1 mM MgCl ₂ + 2.5 mM KCl
Storage	Up to 2 weeks: 2-8°C; long term storage in aliquots at -80°C; avoid > 5 freeze/thaw cycles
Expiry date	2027-05
Note	Aliquoting and repeated freeze/thaw cycles and can lead to a drop in titer
IMPORTANT:	Research product, not for diagnostic or therapeutic use!

This product has been tested successfully by Quality Control Department and was released for sale according to the existing specifications.

Verified by: Hammer

Validation date: 30.05.2025

Accepted

Not accepted

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