

【 Name 】	AAV9-CMV-GFP
【 Catalog Number 】	0329
【 Titer 】	1e12 GC/mL
【 Volume 】	0.1 mL
【 Buffer 】	PBS, pH 7.4 with 0.001% Pluronic F-68
【 Storage 】	<-20°C

【 Structure 】

Capsid	– AAV9
ITRs	– AAV2
Promoter	– CMV
Gene	– hrGFP
Poly-A	– human growth hormone poly-A

【 Method of Production 】

AAV9 vector is produced in HEK293 cells by triple transfection of helper plasmid, plasmid expressing Rep and Cap genes, and AAV shuttle plasmid containing GFP expression cassette. No helper virus is involved.

AAV9 is purified free of host cell protein, cellular DNA, or empty particles by CsCl ultracentrifugation. Viral solution is formulated by buffer exchange using desalting column. Purified viral vectors are tested for titer (genome copy), purity, and endotoxin levels before sterile filtered and aliquoted for storage at –80°C.

【 Note 】

For research use only.

CAUTION: Not intended for human or animal diagnostic or therapeutic uses.

WARNING: Follow NIH BSL II guidelines for all activities involving this material.

【 Reference 】

Protocol for in vitro application using this material can be found by following the link below:
http://www.appliedviromics.com/protocol_AAV_infection.pdf

Material Safety Data Sheet (MSDS) can be downloaded from our website at
http://www.appliedviromics.com/Tech_Support_AAV.htm

For detailed information on our test methodologies, please contact us at (510) 943-5099 or visit our website at <http://www.appliedviromics.com>