

Additional Information:

Researchers are expected to discuss the design of the plasmids in consultation with the Core personnel. We can help clone it into our AAV backbone constructs. AAV particles are purified through two rounds of CsCl density gradient centrifugation.

AAV capsid serotypes offered at NEI gene therapy core:

Serotype	Expected titer (genome copies/ml)	Total volume	Turnaround Time
AAV1	1e11-1e13	1.5-2ml	3 -4 weeks
AAV2	1e11-1e13	1.5-2ml	3 -4 weeks
AAV5	1e11-1e13	1.5-2ml	3 -4 weeks
AAV8	1e11-1e13	1.5-2ml	3 -4 weeks
AAV9	1e11-1e13	1.5-2ml	3 -4 weeks
mAAV	1e11-1e13	1.5-2ml	3 -4 weeks
7m8	1e11-1e13	1.5-2ml	3 -4 weeks
Rh10	1e11-1e13	1.5-2ml	3 -4 weeks
80L65	1e11-1e13	1.5-2ml	3 -4 weeks

*If we do the cloning, we need 2 more weeks for making AAV plasmid and plasmid preparation.

** Additional serotypes not in the above the list may be available if requested.

Promoters routinely offered:

CMV
U6
CRX
hVMD2
NR2E1
Rho
RK
NRL

*Other promoters are available upon request.

In addition, we have a list of commonly used reporters, CRISPR Cas9 AAVs under different promoters that can be made to investigators upon request. Please inquire.