



AAV5 Empty Capsids (DAGC257L)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	AAV5 reference standards (empty capsids), purified AAV5 empty viral particles.
Conjugate	N/A
Applications	ELISA
Stability	2 years
Bio-activity	Titer: > 1x10 ¹³ VG/mL
Format	Liquid
Size	100 µL, 200 µL, 500 µL, 1 mL
Buffer	PBS with 5% glycerol
Preservative	None
Storage	Store at -80°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Adeno-Associated Virus (AAV) is a nonpathogenic virus species that belongs to the Parvoviridae family. AAV is classified as small (25nm) and contains a single-stranded nonenveloped DNA genome. Infection with AAV occurs only with the help of other viruses, either herpesvirus or adenovirus (hence adeno-associated virus), causing only a very mild immune response in humans. There are twelve serotypes of human AAV but the number of nonhuman AAVs exceeds 100. AAV2 is the only mammalian DNA virus that is known to integrate in a specific site of the genome.
Keywords	Adeno-Associated virus; AAV