



# AAV1 Empty Capsids (DAGC255L)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	AAV1 reference standards (empty capsids), purified AAV1 empty viral particles.
<b>Conjugate</b>	N/A
<b>Applications</b>	ELISA
<b>Stability</b>	2 years
<b>Bio-activity</b>	Titer: > 1x10 <sup>13</sup> VG/mL
<b>Format</b>	Liquid
<b>Size</b>	100 µL, 200 µL, 500 µL, 1 mL
<b>Buffer</b>	PBS with 5% glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	Adeno-Associated virus; AAV