

ADENOVIRUS-ASSOCIATED VIRUSES SEPARATION METHOD

ABSTRACT OF THE DISCLOSURE

Provided is a method of enriching full adenovirus-associated virus (AAV) capsids from a mixture of full AAV capsids and empty AAV capsids, the method comprising providing a sample comprising a mixture of full AAV capsids and empty AAV capsids, subjecting the sample to anion exchange chromatography comprising an elution buffer comprising an equilibration buffer and a salt-containing buffer in an initial ratio that provides an initial conductivity, and changing the ratio of the equilibration buffer and the salt-containing buffer to provide a step gradient conductivity increase of about 0.5-2.0 mS/cm in each step to elute empty AAV capsids and to provide a fluid enriched with full AAV capsids.

[Figure 1]