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(54) Title: CHARACTERIZATION OF GENE THERAPY VIRAL PARTICLES USING SIZE EXCLUSION CHROMATOGRAPHY AND MULTI-ANGLE LIGHT SCATTERING TECHNOLOGIES

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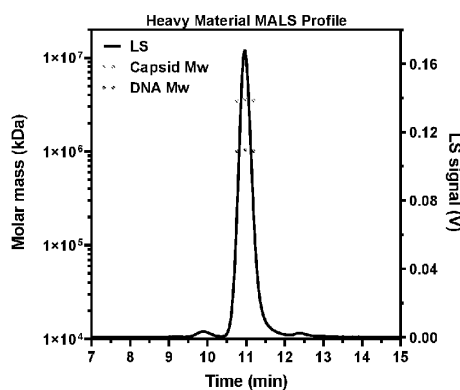


Fig. 4A

(57) Abstract: This disclosure relates to the use of size exclusion chromatography and/or size exclusion chromatography with multi-angle light scattering technology to characterize viral particles such as adeno-associated virus and lentivirus particles. The disclosed methods are also useful for estimating the titer of viral particles, determining the integrity of the viral particles and estimating the amount of DNA encapsidated in the viral particle.

[Continued on next page]

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