Abstract

Method for Large-Scale Preparation of Purified Preparation of Recombinant Lentiviral Vector at GMP Grade

Provided is a method for large-scale preparation of a purified preparation of a recombinant lentiviral vector at the GMP grade. The method comprises: (a) providing raw material feed liquid to be purified that comprises recombinant viral vectors; (b) carrying out a microfiltration treatment on the feed liquid to obtain a microfiltered filtrate comprising the recombinant viral vectors; (c) optionally concentrating the filtrate to obtain a concentrated filtrate; (d) purifying the filtrate obtained in the previous step by means of chromatography to obtain a crude pure product comprising the recombinant viral vectors; and (e) subjecting the crude pure product obtained in the previous step to liquid exchange and elaborate purification to obtain the purified recombinant viral vectors.