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(54) **Title:** METHOD FOR THE PRODUCTION OF RECOMBINANT AAV PARTICLE PREPARATIONS

(57) **Abstract:** Herein is reported a method for producing recombinant adeno-associated viral particle preparation (rAAVp) comprising the step of cultivating a mammalian cell comprising expression cassettes for a non-adeno-associated viral gene, which is interspaced between two AAV inverted terminal repeats (ITRs), an adeno-associated virus rep gene, an adeno-associated virus cap gene, an adeno-associated virus E1A gene, an adeno-associated virus E1B gene, an adeno-associated virus E2A gene, an adeno-associated virus E4orf6 and an adeno-associated virus VA RNA gene, and thereby producing the rAAVp, wherein the cultivating is at a pH value in the range of and including pH 7.4 to pH 7.6. The yield of the rAAVp produced by the cultivating at a pH value in the range of and including pH 7.4 to pH 7.6 is higher than the yield of a rAAVp produced by a cultivating at a pH value in the range of and including pH 7.0 to pH 7.2 and the rAAVp produced by the cultivating at a pH value in the range of and including pH 7.4 to pH 7.6 has a higher percentage of full particles than a rAAVp produced by a cultivating at a pH value in the range of and including pH 7.0 to pH 7.2.

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