

Title (en)

METHOD FOR DETECTING REPLICATION COMPETENT VIRUSES IN THE SERA OF SUBJECTS RECEIVING GENE THERAPY

Title (de)

METHODEN ZUM NACHWEIS VON REPLIKATIONSFÄHIGEN VIREN IM SERUM VON SUBJEKTEN DIE EINE GENTHERAPIE ERHALTEN.

Title (fr)

PROCEDE DE DETECTION DE VIRUS APRES LA REPLICATION DANS LE SERUM DE SUJETS TRAITES PAR THERAPIE GENIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0136688A1] The present invention provides a method for detecting replication competent viruses in the sera of subjects receiving gene therapy, the method comprising the step of detecting anti-retroviral antibodies in the sera using a specific antigen. A gene for the antigen exists not in a viral vector for gene therapy but only in a virus genome from which the viral vector originated and the antigen is preferably selected from the group of partial Gag and partial Env proteins of murine leukemia virus. There are also provided antigens whose amino acid sequences include the sequence of SEQ ID NO: 2 or SEQ ID NO: 6, which is of great use in immunoreaction-based RCR detection in view of specificity and sensitivity.

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