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12 JUN 2003

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ABSTRACT

It is an object of the present invention to provide inexpensive materials and methods for screening immunotherapeutic agents exhibiting antitumor and/or anticancer activity.

The present invention provides a method for determining in vitro a material having an LAK activity-enhancing effect suitable for a subject, comprising the steps of:

(a) collecting peripheral blood from the subject to prepare lymphocyte fractions,

(b) preparing an LAK-induced sample and a control sample by adding or not a screening material of the present invention to said lymphocyte fractions, and

(c) measuring the LAK activities of said induced sample and said control sample and comparing the results to determine the in vitro LAK activity-enhancing effect of the screening material for said subject.