

Title (en)
METHOD AND KIT FOR DETERMINING DNA DOUBLE/SINGLE STRAND BREAKS AND DEVICE FOR CARRYING OUT THE CONTROLLED FILTRATION OF, IN PARTICULAR, DNA MOLECULES WITH WELL FILTER PLATES

Title (de)
VERFAHREN UND KIT ZUR BESTIMMUNG VON DNA-DOPPEL-/EINZELSTRANGBRÜCHEN UND VORRICHTUNG ZUM KONTROLLIERTEN FILTRIERN VON INSBESONDERE DNA-MOLEKÜLEN MIT WELL-FILTERPLATTEN

Title (fr)
PROCEDE ET NECESSAIRE POUR LA DETERMINATION DE CASSURES BICATENAIREES OU MONOCATENAIREES D'ADN, ET DISPOSITIF POUR LA FILTRATION CONTROLEE EN PARTICULIER DE MOLECULES D'ADN AVEC DES PLAQUES DE FILTRATION A PUIITS

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Abstract (en)
[origin: WO0106003A2] The invention relates to, among other things, a method for determining double strand breaks which comprises the following steps: a) depositing cells and/or tissues to be examined on specific filters; b) lysis of the cells/tissue with at least one detergent, with at least one chaotropic substance, and with at least one fluorescence dye that binds specifically a DNA double strand; c) elution of the DNA fragments, released by the lysis, through the specific filters, and; d) carrying out a fluorescence spectroscopic evaluation, whereby only one eluate fraction is collected per well.

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