ABSTRACT

METHOD FOR THE IDENTIFICATION OF EPITOPES RELATED TO IMMUNOGENICITY IN BIOPHARMACEUTICALS

The present invention relates to a method for identifying peptides involved in immunogenicity comprising the steps of a) providing cells expressing antigen presenting receptors (APR) in a number providing 0.1 to 5 ug molecules, b) contacting the cells from (a) with a source of immunogenic peptides, c) isolating APR molecule-immunogenic peptide complexes from the cells, d) eluting the associated peptides from the APR molecules, e) identifying the immunogenic peptides, f) verifying the identified immunogenic peptides as epitopes.

(Figure 1)

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