

Abstract

Laboratory diagnosis of allergic diseases is nowadays focused on the identity of specific IgE. The detection of sensitization are often used mixed allergens from natural sources with poorly defined composition. The exact specification of the allergens are tests using recombinant allergens. Recombinant allergens are not only used for the determination of specific IgE antibodies, but also to test basophiles activation. Latest test is a microarray using recombinant allergens method.

In conclusion of this work are presented case reports and the results of laboratory tests that demonstrate the practical use of recombinant allergens.