

Molecular Biotechnology Programme

Uppsala University School of Engineering

UPTEC X 07 059

Date of issue 2007-09

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Title (English)

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Affinity and capacity studies in two different test systems for human IgE

Abstract

The clinical diagnostics company Phadia AB develops and sells two *in vitro* allergy test platforms, ImmunoCAP[®] System and ImmunoCAP[®] Rapid. The test systems are principally very similar but differ in many practical aspects. Therefore, the aim of this study was to investigate and compare the capacity of these two test systems to bind specific antibodies and to see how the test results were affected by the antibody's binding affinity to the antigen.

Keywords

Immunoassays, Human Immunoglobulin E, Antibody affinity

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Language	Security
	Socurry
English	
8	
	Classification
	Classification
ISSN 1401-2138	
Supplementary bibliographical information	Pages
	45
	HU
Biology Education Centre Biomedical Center Husargatan 3 Uppsala	
Box 592 S-75124 Uppsala Tel +46 (0)18 4710000 Fax +46 (0)18 555217	