

LABORATORY REPORT

IBT LABORATORIES

Specializing in molecular & cellular immunology

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70438

Patient: **Fotex, after 50 Wash/Dry**
PID: **Allergen Barrie** Acc#: **0910210657**
Sex: U DOB: Age:
Physician:
Collection Date:
Received Date: **10/20/2009**
Final Report Date: **11/06/2009**

Per client request sample ID corrected from Fotex, 50 Wash/Dry to Fotex, after 50 Wash/Dry. 17NOV09AS

<i>Test</i>	<i>Result</i>	<i>Flag/Class</i>	<i>Units</i>	<i>Reference Ranges</i>
Allergen Barrier - Use Simulation Test				
Use Simulation/Der fl Monoclonal ELISA(Client Fabric)	<0.313		ng	
Der fl Monoclonal ELISA Control Fabric	6.9		ng	

A sieved reference dust sample containing a known quantity of the indicated allergen was loaded into one side of the special dual chamber along with two steel bearings reported by Ransom JH and Halsey JF (JACI 1996;97:223). The fabric cloth being investigated was inserted as the barrier between the empty and dust containing sides of the chamber. Each side of the chamber is a glass vial (2.1 cm diameter by 4 cm length) with a transfer surface area between the two vials of 1.13cm². The chamber was rotated at 25 rotations per minute for 18 hours. The two 1/8" steel bearings in the allergen vial weighed 132 milligrams each. At the conclusion of the tumbling period, the empty side was tested for the presence of allergen by a sensitive enzyme immunoassay with a limit of detection of 0.313 nanograms of Der fl allergen. When the results of the use simulation test for a fabric are less than 0.313 ng transferred, it can be concluded that the fabric being tested is a effective barrier to dust mite allergen transfer.

A 24 year old reference range is shown when no age is given.

* This test was developed and its performance characteristics determined by IBT Reference Lab. It has not been cleared or approved by the FDA.

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Laboratory Director