

**Indoor Allergen Analysis Report  
 Allergen Analysis Results**

 InBio™ Services

**Batch ID:** 18-0491E

E=ELISA, M=MARIA, T=Endotoxin, Z=Enzyme

**Kitten Testing.com**

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**Date Received:** 11/29/2018

**Date Assayed:** 12/3/2018

**Date Reported:** 12/4/2018 1:09:40 PM

**Project ID#** Rozhenitsa 111418

Fel d 1 results reported as microgram allergen per milliliter saliva.

<b>Accession:</b>	<b>Sample:</b>	<b>Mite Allergens:</b>		<b>Cat:</b>	<b>Dog:</b>	<b>Cockroach:</b>
		<b>Der p 1</b>	<b>Der f 1</b>	<b>Fel d 1</b>	<b>Can f 1</b>	<b>Bla g 1</b>
218-2889	Zealia #1			0.48		
218-2890	Zealia #2			0.39		
218-2891	Zealia #3			1.02		
218-2892	Zefira #1			0.68		
218-2893	Zefira #2			0.38		
218-2894	Zefira #3			1.17		

**NES = Insufficient sample for the assay**  
 The reporting limit is 0.004 ug/ml for Fel d 1.

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		<b>Der p 1</b>	<b>Der f 1</b>	<b>Fel d 1</b>	<b>Can f 1</b>	<b>Bla g 1</b>
218-2895	Zsofia #1			0.32		
218-2896	Zsofia #4			0.75		
218-2897	Zsofia #3			0.93		
218-2898	Zoro #1			0.14		
218-2899	Zoro #2			0.17		
218-2900	Zoro #3			0.20		
218-2901	Xahriatova #1			1.51		
218-2902	Xahriatova #4			2.76		
218-2903	Xahriatova #3			3.67		
218-2904	Waikiki #4			2.90		

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		Der p 1	Der f 1	Fel d 1	Can f 1	Bla g 1
Guidelines:	The following guidelines for Dermatophagoides mite, cat, dog and cockroach allergen levels in house dust have been proposed:					1,2,3,6
		MITE Group 1	CAT/DOG	Bla g 1	Bla g 2	
LOW	(not sufficient to cause allergic symptoms)	< 2 µg Mite Group 1/g dust	< 0.2 µg Fel d 1 or Can f 1/g dust	< 0.10 µg Bla g 1/g dust	< 0.20 µg Bla g 2/g dust	
SIGNIFICANT	(risk for sensitization and bronchial hyperactivity)	2-10 µg Mite Group 1/g dust	8-20 µg Fel d 1 or Can f 1/g dust	0.10-0.80 µg Bla g 1/g dust	0.20-0.4 µg Bla g 2/g dust	
HIGH	(risk for acute asthmatic attack)	> 10 µg Mite Group 1/g dust	1-8 µg Fel d 1 or Can f 1/g dust	>0.80 µg Bla g 1/g dust	> 1 µg Bla g 2/g dust	

**CAT/DOG** The results of two studies have observed that increased exposure to high levels of Fel d 1 and Can f 1 have caused individuals to develop a tolerance, which means that individuals could potentially be exposed to 8-20µg/g dust and only experience mild allergic symptoms. Individuals with less exposure to high levels of Fel d 1 and Can f 1 (1-8µg/g dust) may experience more severe allergic symptoms. 2,4,6

**COCKROACH** Allergen exposure threshold levels for sensitization have been published in Units/g dust. Some investigators feel that any detectable level of cockroach allergen is clinically significant because its presence identifies a building in which persons who are cockroach allergic are at risk to develop symptoms because of exposure. 5,6

1. J. Allergy Clin Immunol 1989; 83:416-427.
2. Amer Rev Respir Dis 1990; 141:361-367
3. Amer Rev Respir Dis 1993; 147:573-578
4. Amer J Res Crit Care Med 1997; 155:94-98
5. J. Allergy Clin Immunol 1997; 100:S1-S24
6. Pediatric Allergy Principles and Practice 2003; 261-68

\* This report furnishes information only and is not intended to be an interpretation of the results. Whether an individual suffers allergic symptoms or not depends not only on the level of allergens in his/her environment but also on his/her medical history and previous exposure.

Report reviewed and approved by:  
**Stephanie Filep, BS**  
 Director of Laboratory Services



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