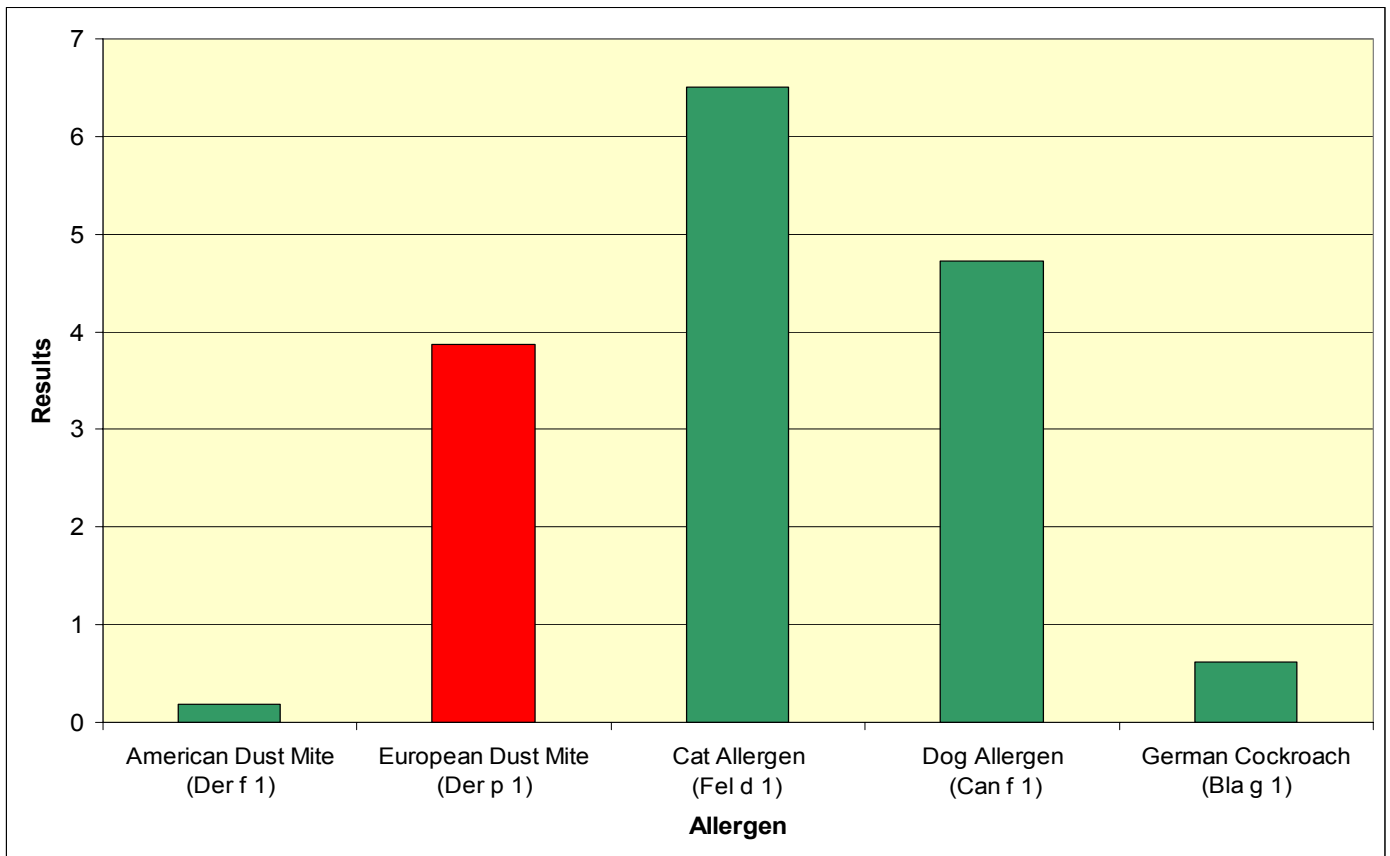


Results

Sample Location	Allergen	Limit ¹	Results ²	
			Value	Result
Guest House	American Dust Mite	2.0	<0.19	Negative
	European Dust Mite	2.0	3.87	Positive
	Cat Allergen	8.0	6.5	Negative
	Dog Allergen	10	4.72	Negative
	German Cockroach	2	<0.62	Negative

1 Threshold limit for symptom development and/or sensitization for susceptible individuals (AIHA, 1996)
 2 All units are micrograms per gram except for German cockroach which is units per gram.



■ Negative

■ Positive

Conclusions and Recommendations

The results indicate that the levels of European Dust Mite allergen (Der p 1) were measured at 3.87, and are above the threshold limit of 2.0. Measure should be taken in order to reduce the exposure of the occupants in the environment to these allergens.

None of the information contained herein should be construed as medical advice or a call to action for evacuation or remediation. Any decision relative to medical significance should be made by a qualified physician. Nor does the identification of any specific mold type infer adverse exposure to that mold or to possible toxins.

Reducing Your Exposure to Allergens in the Home

Many people believe that vacuuming their home or office is sufficient to remove any allergens. However, the filter bags of most vacuum cleaners do not remove allergens. In most cases, dust mite and pet allergens will pass through your vacuum filter and be returned to the indoor air. Some vacuums are equipped with a HEPA filter, which will more effectively remove these allergens.

Specific measures can be taken to avoid accumulation of allergens and dust in order to reduce your overall exposure to allergens in the home. In addition to getting medical care for your dust allergy and/or asthma, the following guidelines are available for reducing dust and allergens in your home.

General

- Regularly dust the furniture, blinds, cabinets and shelves with a cloth that will trap the dust
- Wear a filter mask when cleaning
- Limit contact with pets if already allergic

Carpeting and Flooring

- Limit the amount of carpet or fabric in the house
- Use a vacuum with a HEPA filter

Beds and Bedding

- Use zippered dust-proof or allergen-proof covers
- Use only washable materials on the bed
- Wash bedding regularly with water that is at least 130 degrees Fahrenheit
- Use synthetic bedding materials and avoiding feather or wool-stuffed bedding materials

Furniture and Furnishings

- Avoid upholstered furniture and blinds
- Use plain, lightweight curtains that can be washed regularly in water that is at least 130 degrees Fahrenheit

Air Control

- Use a HEPA filter in the home
- Use a regularly cleaned and disinfected dehumidifier to maintain humidity levels below 50%
- Use an ionic type of air cleaner

Test Method

The allergens in the dust sample were extracted into a buffer solution, and analyzed using the ELISA technique for each of the target allergens. This method uses biological indicators to identify and quantify the amount of allergen present in the sample. Allergen values are reported in micrograms per gram of dust for American Dust Mite (Der f 1), European Dust Mite (Der p 1), Cat Allergen (Fel d 1) and Dog Allergen (Can f 1). The reported value for German Cockroach (Bla g 1) is allergen units per gram of dust.

References

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