



EMSL Analytical, Inc.

**200 Route 130 North
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Indoor Allergen Analysis by ELISA

Prepared Exclusively For

**Contact Name
Client Name
123 Street
City, State, Zipcode**

Date Received:	1/1/2011
Date Reported:	1/1/2011
Project:	Allergens in Home
EMSL Order:	999999999
Client ID	All99

If you have any questions, please do not hesitate to contact us at (856)858-4800.

All samples were collected by and all sampling data was provided by the client. The results are valid only for those samples analyzed, and only for those samples collected in accordance with the appropriate methodology as determined by the client. The results herein do not denote or represent a medical or clinical diagnosis or conclusion. In the event that sample(s) were submitted in opened, used, non-sterile or otherwise adulterated condition, EMSL shall not be responsible or liable.

Please visit our website at <http://www.emsl.com> for more information about our certifications and accreditations.



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Email: cinnaminsonmicro@emsl.com

Contact Name

EMSL Reference: 99999999

Client Name

Date Collected: 1/1/2011

123 Street

Date Received: 1/1/2011

City, State, Zipcode

Date Reported: 1/1/2011

Indoor Allergen Report

Lab Sample ID	9999999-1
Client Sample ID	1
Sample Location	Dust vac.

<i>Test Parameter</i>	<i>Antigens</i>	<i>Detection Limits</i>	<i>Concentrations</i>	<i>Allergen Risk Levels</i>
Cat Allergen	Fel d1	0.12	1.20 µg/g	Moderate
Dog Allergen	Can f1	0.8	22.00 µg/g	High
Cockroach Allergen	Bla g1	0.6	ND U/g	ND
Dust Mites Allergen	Der p1	0.4	1.20 µg/g	Low
Dust Mites Allergen	Der f1	0.4	3.40 µg/g	Moderate

Jason Dobranic, Ph.D., Lab Manager
Or Other Approved Signatory

Low: Not Sufficient to cause symptoms. Moderate: Risk for sensitization and bronchial hyperactivity. High: Risk for acute allergic asthma attack. µg/g: Micrograms per gram, U/g: Units per gram, ng/g: Nanogram per gram. N/A: Not Applicable. ND (None Detected): Indicates that the amount of allergen in the sample is below the detection limits.

†: Sufficient evidence is not available for risk levels

This report and guidelines furnish information only. Whether an individual suffers allergic symptoms or not depends on his/her medical history and previous exposure.

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EMSL Order: 370900018

Guidelines to Interpretation

		$\mu\text{g/g}$											
		<1	1	2	3	4	5	6	7	8	9	>10	
Allergens	Fel d1	Low	Mod	Mod	Mod	Mod	Mod	Mod	Mod	High	High	High	
	Can f1	Low	Low	Low	Mod	Mod	Mod	Mod	Mod	Mod	Mod	High	
	Der p1	Low	Low	Low	Mod	Mod	Mod	Mod	Mod	Mod	Mod	High	
	Der f1	Low	Low	Low	Mod	Mod	Mod	Mod	Mod	Mod	Mod	High	
	Mus m1	No sufficient information is available											
			$\mu\text{g/m}^3$										
		Rat n1	<0.7 $\mu\text{g/m}^3$ = Not associated with increased risk of asthma										
		Hev b5	<0.6 ng/m ³ = Not associated with increased risk of asthma										
		Hev b6.02	<0.6 ng/m ³ = Not associated with increased risk of asthma										
			U/g										
	Bla g1 †	Low	Mod	Mod	Mod	High	High	High	High	High	High	High	
	Bla g2 †	Low	Mod	Mod	Mod	High	High	High	High	High	High	High	

† Suggested levels. Not officially established.

Note: This report and guidelines furnish information only.

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References

- Journal of Allergy and Clinical Immunology* 1989; 83:416-427
- Journal of Allergy and Clinical Immunology* 1995; 96:449-456
- The American review of respiratory disease* 1990; 141:361-367
- The American review of respiratory disease* 1993; 147:573-578
- Environmental Health Perspectives* 2002; 110:419-425
- Clinical and Experimental Allergy* 1998; 28(5):537-44

Terminology

Allergen	A substance which reacts with the body's immune system to produce an allergic reaction.
Antigen	A substance, foreign to the body, which stimulates the production of antibodies by the immune system.
Bla g1	<i>Blattella germanica</i> (Cockroach) allergen 1
Bla g2	<i>Blattella germanica</i> (Cockroach) allergen 2
Can f1	<i>Canis familiaris</i> (Dog) allergen 1
Der f1	<i>Dermatophagoides farinae</i> (Dust Mites) allergen 1
Der p1	<i>Dermatophagoides pteronyssinus</i> (Dust Mites) allergen 1
Detection Limits	The smallest amount of a substance, in this case antigens, which can be measured.
Fel d1	<i>Felis domesticus</i> (Cat) allergen 1
Hev b5	<i>Hevea brasiliensis</i> (Latex) allergen 5
Hev b6.02	<i>Hevea brasiliensis</i> (Latex) allergen 6.02
Mus m1	<i>Mus musculus</i> (Mouse) allergen 1
Rat n1	<i>Rattus norvegicus</i> (Rat) allergen 1

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Important Terms, Conditions, and Limitations

A. Sample Retention

Samples analyzed by EMSL will be retained for 60 days after analysis date. Storage beyond this period is available for a fee with written request prior to the initial 30 day period. Samples containing hazardous/toxic substances which require special handling will be returned to the client immediately. EMSL reserves the right to charge a sample disposal fee or return samples to the client.

B. Change Orders and Cancellation

All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for holding times that are exceeded due to such changes.

C. Warranty

EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures and with reasonable care in accordance with applicable federal, state and local laws. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, express or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

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E. Indemnification

Client shall indemnify EMSL and its officers, directors and employees and hold each of them harmless for any liability, expense or cost, including reasonable attorney's fees, incurred by reason of any third party claim in connection with EMSL's services, the test result data or its use by client.

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