LABORATORY REPORT

Redcliffe labs

Patient Name	: **Mr MR.DUMMY**		
DOB/Age/Gender	: 23 Y/Male	Sample Collected	: Apr 26, 2024, 01:00 PM.
Patient ID / UHID	: 8052637/RCL7249207	Report Date	: May 25, 2024, 01:18 PM.
Referred By	: Dr. Dr. X	Barcode No	: SI484913
Sample Type	: Serum	Report Status	: Final Report

Allergy Panel- Inhalation (33 Allergen)

Name Of Allergen	Value(s)	Unit(s)	Ref Range
Bermuda grass	<0.35	kU/l	<0.35
Timothy grass	<0.35	kU/l	<0.35
Johnson grass	<0.35	kU/l	<0.35
Cultivated rye	<0.35	kU/l	<0.35
Cultivated Corn	<0.35	kU/l	<0.35
Eucalyptus	<0.35	kU/l	<0.35
Mesquite	<0.35	kU/l	<0.35
Mugwort	<0.35	kU/l	<0.35
Goosefood	<0.35	kU/l	<0.35
Cocklebur	<0.35	kU/l	<0.35
Rough pigweed	<0.35	kU/l	<0.35
Carnation flower	<0.35	kU/l	<0.35
Sunflower	<0.35	kU/l	<0.35
House dust mite mix 1 (Der. pteronyssinus., Der. farinae)	<0.35	kU/l	<0.35
Der. farinae	<0.35	kU/l	<0.35
Cockroach, German	<0.35	kU/l	<0.35
Penicillium notatum	<0.35	kU/l	<0.35
Cladosporium herbarum	<0.35	kU/l	<0.35
Aspergillus fum	<0.35	kU/l	<0.35
Mucor racemosus	<0.35	kU/l	<0.35
Candida albicans	<0.35	kU/l	<0.35
Alternaria alternata	<0.35	kU/l	<0.35
Rhizopus nigricans	<0.35	kU/l	<0.35
Curvularia lunata	<0.35	kU/l	<0.35
Trichophyton m	<0.35	kU/l	<0.35
Cat	<0.35	kU/l	<0.35
Dog	<0.35	kU/l	<0.35
Pigeon feathers	<0.35	kU/l	<0.35
Chicken feathers	<0.35	kU/l	<0.35
Cotton (treated)	<0.35	kU/l	<0.35
Straw dust	<0.35	kU/l	<0.35
Jute	<0.35	kU/l	<0.35
Sheep’s wool	<0.35	kU/l	<0.35

CLASS	CONCENTRATION kU/l	RESULT
0	<0.35	No specific antibodies

Dr. Dummy

Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
Processing Lab :-

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1	0.35 to <0.7	Very low antibody titre, frequently no clinical symptoms with an existing sensitization.
2	0.7 to <3.5	Low antibody titre,existing sensitization, often with clinical symptoms in the upper range of class.
3	3.5 to <17.5	Significant antibody titre, clinical symptoms usually present.
4	17.5 to <50.0	High antibody titre, almost always with clinical symptoms.
5	50.0 to <100.0	Very high antibody titre
6	≥ 100.0	Very high antibody titre

Cross-reactions

Due to the similar structure of the allergens , e.g. similarities in chemical substances to botanical relations, cross reactions may occur.The specific IgE antibodies that have developed in a patient also attach to identical epitopes of homologous protein allergens.

Note

1. In vitro allergy tests are a valuable tool for the clinician to diagnose allergy, treat and predict disease development.
2. Dust allergen specific IgE includes only common causative allergens and does not include all possible allergens.
3. House dust mite mix includes Dermatophagoides pteronyssinus & Dermatophagoides farinae.
4. Normal IgE levels do not necessarily exclude the possibility of allergy because certain allergies can be non-IgE mediated or samples are taken before the organism was able to produce antibodies against the antigen or test conducted after a long time of sensitization, hence IgE levels may be normal.
5. All results should be interpreted in relation to the individual case history.

Comment :

Dust allergens are commonly inhalant leading to atopic reactions. Allergy to inhalant allergens is rare in the first year of age, uncommon until the age of three and successively becomes dominant at school age. These inhalant allergies show increasing sensitivity with advancing age. The common symptoms of dust allergy are wheezing, mucosal congestion, nasal obstruction and mouth breathing leading to Allergic rhinitis, Asthma etc. Cockroaches produce potent allergens which are found in maximum concentration in the kitchen. Lower levels of allergens are found in bedding, bedroom floor and sofa dust leading to symptoms in sensitized individuals. Mites like Dermatophagoides pteronyssinus / farinae are one of the most common causes of symptoms such as perennial type Asthma, Rhinitis & Conjunctivitis often with nocturnal or early morning episodes. IgE mediated Allergic rhinitis is due to the heritable atopic state as well as development of sensitivity to allergens present in the environment. It may be Seasonal (intermittent) caused due to grass, tree & weed pollens and outdoor molds or Perennial (persistent) caused by pets, housedust mites, indoor molds and cockroaches.

*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.

Dr. Dummy

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1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.

2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

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