

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name	: Mr. PL225A	Billing Date	: 07/07/2023 12:30:47
Age	: 35 Yrs	Sample Collected on	: 10/07/2023 10:01:31
Sex	: Male	Sample Received on	: 10/07/2023 11:02:13
P. ID No.	: P1000100012910	Report Released on	: 14/07/2023 20:45:16
Accession No	: 10002304966	Barcode No.	: 10002304966-01
Referring Doctor	: Self	Ref no.	:
Referred By	:		

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
Allergy: Adult Comprehensive Panel (Phadia)			
# Allergy: House Dust Mite D2 D2-Dermatophagoides Farinae Sample: Serum	0.05	Negative : < 0.1 Positive : >= 0.1	KUA/L
# Allergy: Cat Dander/Epithelium Sample: Serum	0.06	Negative : < 0.10 Positive : >/= 0.10	KUA/L
# Allergy: Dog Dander/Epithelium Sample: Serum	0.02	Negative: < 0.10 Positive: >=0.10	KUA/L
# Allergy: Soyabean Sample: Serum Method: Immunocap	0.03	Negative : < 0.10 Positive : >/= 0.10	KUA/L
# Allergy: Milk Sample: Serum	0.04	Negative: <0.10 Positive:>/= 0.10	KUA/L
# Allergy: Shrimp Sample: Serum Method: Immunocap	0.05	Negative: < 0.10 Positive: >= 0.10	KUA/L
# Allergy: Bermuda Grass Pollen Sample: Serum Method: ImmunoCap	0.06	Negative : <0.10 Positive : >0.10	KUA/L
# Allergy: Cockroach Sample: Serum	0.02	Negative : <0.10 Positive : >0.10	KUA/L
# Allergy: Aspergillus Fumigatus Specific IgE Sample: Serum Method: Fluoro Enzymatic Immuno Assay	0.03	Negative < 0.1 Positive > = 0.1	KUA/L
# Allergy: Common Ragweed Pollen Sample: Serum Method: Fluoro Enzymatic Immuno Assay	0.02	Negative : < 0.1 Positive : >= 0.1	KUA/L
# Allergy: Codfish Sample: Serum	0.01	Negative : <0.10 Positive : >0.10	KUA/L

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# Allergy: Rice Sample: Serum Method: Immunocap	0.13	Negative : < 0.10 Positive : > 0.10	KUA/L
# Allergy: Wheat Sample: Serum Method: Immunocap	0.13 H	Negative: <0.1 Positive:>0.1	KUA/L
# Allergy: Phadiatop Adult (> 5 years) Sample: Serum	30.00 H	Negative: < 0.35 Positive: >/= 0.35	PAU/L
# Allergy: Egg Yolk Sample: Serum Method: ImmunoCAP (Fluoroenzymeimmunoassay)	0.02	Negative : < 0.1 Positive : >= 0.1	KUA/L
# Allergy: House Dust Mite D1 D1-Dermatophagoides Pteronyssinus Sample: Serum	0.05	Negative : < 0.1 Positive : >= 0.1	KUA/L
# Allergy: Chicken Meat Sample: Serum	0.05	Negative : < 0.1 Positive : >= 0.1	KUA/L
# Allergy: Gluten Sample: Serum	0.05		KUA/L
# Allergy: Peanut Sample: Serum	0.05	Negative : < 0.10 Positive : >= 0.10	KUA/L
# Allergy: Alternaria Alternata/Tenius Sample: Serum	0.02	Negative: <0.1 Positive: >=0.1	KUA/L
# Allergy: Johnson Grass Pollen (Jowar) Sample: Serum Method: Immunocap	0.06	Negative: <0.10 Positive: >0.10	KUA/L
# Allergy: Acacia Babool (Acacia Longifolia) Sample: Serum Method: ImmunoCAP (Fluoro Enzymatic immuno assay)	0.05	Negative : < 0.1 Positive : >= 0.1	KUA/L
# Allergy: Elm Tree Pollen Sample: Serum Method: ImmunoCap	0.01	Negative : < 0.1	KUA/L

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Test Name	Result	Biological Ref. Interval	Unit
# Allergy: Mesquite Tree Pollen <i>Sample: Serum</i>	0.00	Positive : ≥ 0.1 Negative : < 0.1 Positive : ≥ 0.1	KUA/L
# Allergy: House Dust Greer <i>Sample: Serum</i>	0.00	Negative : < 0.1 Positive : ≥ 0.1	KUA/L
# Allergy: Cabbage <i>Sample: Serum</i>	0.10	Negative: < 0.10 Positive: > 0.10	KUA/L
# Allergy: Baingan <i>Sample: Serum</i> <i>Method: ImmunoCap</i>	0.03	Negative: < 0.10 Positive: > 0.10	KUA/L
# Allergy: Cauliflower <i>Sample: Serum</i> <i>Method: ImmunoCap</i>	0.20 H	0.00 - 0.10	KUA/L
# Allergy: Chick Pea <i>Sample: Serum</i> <i>Method: Immunocap</i>	0.00	Negative : < 0.1 Positive : ≥ 0.1	KUA/L
# Allergy: Salmon <i>Sample: Serum</i> <i>Method: Immunocap</i>	0.05	Negative: < 0.10 Positive: > 0.10	KUA/L
# Allergy: Garlic <i>Sample: Serum</i> <i>Method: Immunocap</i>	0.26 H	Negative: < 0.10 Positive: ≥ 0.10	KUA/L
# Allergy: Onion <i>Sample: Serum</i>	0.26 H	Negative: < 0.10 Positive: > 0.10	KUA/L
# Allergy: Cheese Cheddar <i>Sample: Serum</i> <i>Method: ImmunoCap</i>	0.03	Negative : < 0.1 Positive : ≥ 0.1	KUA/L
# Allergy: Celery <i>Sample: Serum</i>	0.02		
# Allergy: Mustard <i>Sample: Serum</i>	0.01		KUA/L

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Test Name	Result	Biological Ref. Interval	Unit
# Allergy: Eucalyptus Tree Pollen <i>Sample: Serum</i>	0.20	Negative : < 0.10 Positive : >= 0.10	kUA/L
# Allergy: Mosquito (Aedes Communis) <i>Sample: Serum</i> <i>Method: ImmunoCap</i>	0.36 H	Negative : < 0.1 Positive : >/= 0.1	kUA/L
# Allergy: Almond <i>Sample: Serum</i>	0.01	Negative <0.1 Positive >0.1	kUA/L
# Allergy: Coconut <i>Sample: Serum</i>	0.00	Negative: <0.10 Positive: >0.10	kUA/L

Allergy: House Dust Mite D2

Level of allergen specific antibody	Result
<0.10 kUA/L	Undetectable
0.10-0.50 kUA/L	Very low
0.50-2.00 kUA/L	Low, symptoms are unlikely
2.00-15.00 kUA/L	Moderate, clinical symptoms often present
15.00-50.00 kUA/L	High, Clinical symptoms always present
50.00-100.00 kUA/L	Very High

Sensitized individuals show elevated levels of specific allergens. Generally, higher the kUA/L value, more exposed the patient is to the allergen. However the levels do not correlate with the severity of symptoms. All results to be correlated with individual case history.

Allergy: Aspergillus Fumigatus

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Test Observations:

Aspergillus Fumigatus Specific IgE

Result Interpretation:

Result (kUA/L)	Interpretation	Symptom
<0.10	Undetectable	Unlikely
0.1 - 0.5	Very low	Uncommon
0.5 - 2.0	Low	Low
2.0 - 15.0	Moderate	Common
15.0 - 50.0	High	High
> 50	Very high	Very high

Allergy: Phadiatop Adult (> 5 years)

Phadiatop Adult is a multi allergen screening semi-quantitative test for the detection of IgE antibodies and has well balanced mixture of common inhalant allergens utilizing cross-sensitizing & co-sensitizing allergen groups (Recommended for age 5 years and above). The test is used for differentiating between atopic and non-atopic disease. A positive result confirms the presence of atopic allergy and must be followed by more specific testing to identify the causative allergen. A negative result indicates that the symptoms

Allergy: Egg Yolk

Result Interpretation :

Result	IGE Level	Symptom
< 0.1	Undetectable	Unlikely
0.1 - 0.5	Very Low	Uncommon
0.5 - 2.0	Low	Low
2.0 - 15.0	Moderate	Common

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Test Name	Result	Biological Ref. Interval	Unit
15 - 50	High	High	
> 50	Very High	Very High	

Allergy: House Dust Mite D1

Interpretation

QUANTITATIVE RESULT IN KUA/L	LEVEL OF ALLERGEN SPECIFIC ANTIBODY	SYMPTOM RELATION
<0.10	Undetectable	Unlikely
0.10-0.50	Very low	Uncommon
0.50-2.00	Low	Low
2.00-15.00	Moderate	Common
15.00-50.00	High	High
50.00-100.00	Very High	Very High
>100.00	Very High	Very High

Note

- Sensitized patients show elevated levels of specific allergens. Generally the higher the kUA /L value, the more exposed the patient is to the allergen.
- All results should be interpreted in relation to the individual case history.

Comments

Mite allergens are usually found in mattresses, carpets, upholstered sofas, chairs, stuffed toys and curtains. The proteins in the dust mite body parts and feces cause allergic reactions in sensitized individuals. Dust mite allergy is the most important cause of Asthma attacks worldwide. This is primarily because dust mites are found nearly everywhere and the exposure is constant.

Evidence suggests that exposure to house dust mite allergens is an important risk factor for allergic sensitization, asthma development and exacerbation of asthma. Ingestion of heated or unheated mite contaminated foods can lead to systemic anaphylaxis. Efficient cleaning together with lowering of air humidity and temperature can reduce mite allergen levels.

Potential Cross Reactivity

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Seen with mites belonging to Pyroglyphidae family and invertebrates like shrimps, snails and cockroaches.

Allergy: Adult Comprehensive Panel

Level of allergen specific antibody	Result
<0.10 kUA/L	Undetectable
0.10-0.50 kUA/L	Very low
0.50-2.00 kUA/L	Low, symptoms are unlikely
2.00-15.00 kUA/L	Moderate, clinical symptoms often present
15.00-50.00 kUA/L	High, Clinical symptoms always present
50.00-100.00 kUA/L	Very High

An allergy screening test is a test that is used to determine whether or not a person sensitized to a particular allergen. There are many different types of allergies, and each type of allergy can be tested for with a different type of allergy screening test. The Phadiatop test is an allergy screening test with excellent sensitivity and specificity using ImmunoCAP technology. Normal IgE levels do not necessarily exclude the possibility of allergy, in these cases samples have been 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.

Sensitized individuals show elevated levels of specific allergens. Generally, higher the kUA/L value, more exposed the patient is to the allergen. However the levels do not correlate with the severity of symptoms. All results to be correlated with individual case history.

** End of Report **



Dr. Aarti Khanna Nagpal

DNB (Pathology)
Senior Consultant

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