

**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

<b>Name</b> : Mr. PL225E	<b>Billing Date</b> : 07/07/2023 12:30:58
<b>Age</b> : 35 Yrs	<b>Sample Collected on</b> : 10/07/2023 10:01:31
<b>Sex</b> : Male	<b>Sample Received on</b> : 10/07/2023 11:02:13
<b>P. ID No.</b> : P1000100012914	<b>Report Released on</b> : 14/07/2023 20:42:01
<b>Accession No</b> : 10002304970	<b>Barcode No.</b> : 10002304970-01
<b>Referring Doctor</b> : Self	
<b>Referred By</b> :	<b>Ref no.</b> :

**Report Status - Final**

Test Name	Result	Biological Ref. Interval	Unit
<b>Allergy Inhalational Panel (Rhinitis/Asthma)</b>			
<b># Allergy: Common Ragweed Pollen</b> <i>Sample: Serum</i> <i>Method: Fluoro Enzymatic Immuno Assay</i>	0.06	Negative : < 0.1 Positive : >= 0.1	KUA/L
<b># Allergy: Aspergillus Fumigatus Specific IgE</b> <i>Sample: Serum</i> <i>Method: Fluoro Enzymatic Immuno Assay</i>	0.06	Negative < 0.1 Positive > = 0.1	KUA/L
<b># Allergy: House Dust Mite D2 D2-Dermatophagoides Farinae</b> <i>Sample: Serum</i>	0.03	Negative : < 0.1 Positive : >= 0.1	KUA/L
<b># Allergy: House Dust Greer</b> <i>Sample: Serum</i>	0.02	Negative : < 0.1 Positive: >= 0.1	KUA/L
<b># Allergy: Cockroach</b> <i>Sample: Serum</i>	0.03	Negative : <0.10 Positive : >0.10	KUA/L
<b># Allergy: House Dust Mite D1 D1-Dermatophagoides Pteronyssinus</b> <i>Sample: Serum</i>	0.05	Negative : < 0.1 Positive : >= 0.1	KUA/L
<b># Allergy: Candida Albicans</b> <i>Sample: Serum</i>	0.03	Negative : < 0.1 Positive : >= 0.1	KUA/L
<b>Allergy: Penicillium</b> <i>Sample: Serum</i>	0.06	Negative: <0.1 Positive: >= 0.1	KUA/L
<b># Allergy: Alternaria Alternata/Tenius</b> <i>Sample: Serum</i>	0.10	Negative: <0.1 Positive: >=0.1	KUA/L
<b># Allergy: Johnson Grass Pollen (Jowar)</b> <i>Sample: Serum</i> <i>Method: Immunocap</i>	0.05	Negative: <0.10 Positive: >0.10	KUA/L
<b># Allergy: Bermuda Grass Pollen</b> <i>Sample: Serum</i> <i>Method: ImmunoCap</i>	0.05	Negative : <0.10 Positive : >0.10	KUA/L

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**Report Status - Final**

Test Name	Result	Biological Ref. Interval	Unit
<b># Allergy: Meadow Fescue Grass Pollen</b> <i>Sample: Serum</i> <i>Method: Immunocap</i>	0.05	Negative: <0.10 Positive: >0.10	KUA/L
<b># Allergy: Timothy Grass Pollen</b> <i>Sample: Serum</i>	0.06	Negative: <0.10 Positive: >0.10	KUA/L
<b># Allergy: Acacia Babool (Acacia Longifolia)</b> <i>Sample: Serum</i> <i>Method: ImmunoCAP (Fluoro Enzymatic immuno assay)</i>	0.06	Negative : < 0.1 Positive : >= 0.1	KUA/L
<b># Allergy: Elm Tree Pollen</b> <i>Sample: Serum</i> <i>Method: ImmunoCap</i>	0.05	Negative : < 0.1 Positive : >/= 0.1	KUA/L
<b># Allergy: Mugwort Weed Pollen (Latin Name: Artemisia Vulgaris ;Indian Names:Barnasita Banibano)</b> <i>Sample: Serum</i> <i>Method: Immunocap</i>	0.05	Negative: <0.10 Positive: >0.10	KUA/L

**Allergy: Aspergillus Fumigatus**

*Test Observations:*  
 Aspergillus Fumigatus Specific IgE

Result Interpretation:

Result (kUA/L)	Interpretation	Symtom
<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: House Dust Mite D2**

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Test Name	Result	Biological Ref. Interval	Unit
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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: 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

1. Sensitized patients show elevated levels of specific allergens. Generally the higher the kUA /L value, the more exposed

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the patient is to the allergen.  
2. 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**

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

\*\* End of Report\*\*



**Dr. Aarti Khanna Nagpal**

DNB (Pathology)  
Senior Consultant

