

<b>Name</b>	<b>ASHISH</b>	<b>Collection Date</b>	12/10/2016
<b>Age/Sex</b>	<b>21 YRS/M</b>	<b>Specimen received</b>	12/10/2016
<b>Institution</b>	<b>City Diagnostics</b>	<b>Report Date</b>	26/10/16
<b>Lab ID</b>	<b>11610120103</b>	<b>Print Date</b>	26/10/16
<b>Vial ID</b>	<b>10059880</b>	<b>Status</b>	Final Report

**Clinical Information Provided**

Patient complains of

Patient reports seasonal variations

No  Yes

Suspected allergen(s) based on clinical history

Hyperimmunoglobulinemia IgE

No  Yes  , value \_\_\_\_\_

**RESULTS**

<b>Phadiatop IgE</b>	0.37	kU/l	Reference Range: Negative <0.35
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Allergen	Value	Interpretation	Clinical Relevance
<b>Common Food Allergens</b>	0.06	Negative	Unlikely
<b>Common Grass Allergens</b>	0.06	Negative	Unlikely
<b>Common Tree Allergens</b>	0.67	Positive	Low
<b>Common Fungal Allergens</b>	0.09	Negative	Unlikely
<b>Common Weed Allergens</b>	0.20	Negative	Uncommon
<b>Common Household Allergens</b>	0.08	Negative	Unlikely
<b>Cockroach American</b>	2.72	Positive	Common

**Immunocap Specific IgE**

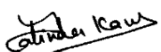
Conc. of IgE Antibody	Undetectable (<0.01)	Very Low (0.1-0.5)	Low (0.5-2.0)	Moderate (2.0-15)	High (15-50)	Very High (>50)
Clinical relation	Unlikely	Uncommon	Low	Common	High	Very High

**Interpretation** Based on the above positive mixes, single allergen test is recommended.  
Allergic reactions caused by parasitic infestation cannot be detected by the above comprehensive panel.

**Final recommendation**

Based on clinical information provided and serological tests the most probable allergen(s) are .....  
Follow-up test after four weeks of avoidance of specific allergen may show a decreasing titre confirming the presence of immunological reaction to the specific allergen.  
Clinical correlation to be made by the expert physician (Dermatologist, Pulmonologist).  
Total high IgE levels with negative screening (phadiatop IgE) suggests allergic reaction to parasitic infestation.  
Allergic reactions caused by specific parasite/drug cannot be detected by the above comprehensive panel.

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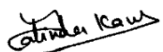


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### Comprehensive Panel, Detailed Allergens Report

Allergen	Common name	Type of Known Allergic Reaction	Value	Interpretation
<b>Common Food Allergens</b>			0.06	<b>Negative</b>
<i>Bos spp.</i>	Cow's milk	Eczema/Asthma/Rhinitis	0.03	<b>Negative</b>
<i>Gallus spp.</i>	Egg white	Eczema/Asthma/Rhinitis	0.04	<b>Negative</b>
<i>Fish spp.</i>	Fish (cod)	Eczema	0.01	<b>Negative</b>
<i>Arachis hypogaea</i>	Peanut	Eczema/Asthma/Rhinitis	0.02	<b>Negative</b>
<i>Glycine max</i>	Soybean	Eczema	0.00	<b>Negative</b>
<i>Triticum aestivum</i>	Wheat	Eczema/Asthma/Rhinitis	0.00	<b>Negative</b>
<b>Common Grass Allergens</b>			0.06	<b>Negative</b>
<i>Cynodon dactylon</i>	Bermuda grass	Asthma/Rhinitis/Eczema	0.01	<b>Negative</b>
<i>Lolium perenne</i>	Perennial rye-grass	Asthma/Rhinitis/Eczema	0.02	<b>Negative</b>
<i>Paspalum notatum</i>	Bahia grass	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<i>Phleum pratense</i>	Timothy-grass	Asthma/Rhinitis/Eczema	0.04	<b>Negative</b>
<i>Poa pratensis</i>	Buegrass, meadow-grass	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<i>Sorghum halepense</i>	Johnson grass	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<b>Common Tree Allergens</b>			0.67	<b>Positive</b>
<i>Melaleuca leucadendron</i>	Cajeput-tree	Asthma/Rhinitis/Eczema	0.08	<b>Negative</b>
<i>Acacia longifolia</i>	Acacia	Asthma/Rhinitis/Eczema	0.23	<b>Positive</b>
<i>Eucalyptus</i>	Gum tree	Asthma/Rhinitis/Eczema	0.47	<b>Positive</b>
<i>Olea europaea</i>	Olive	Asthma/Rhinitis/Eczema	0.07	<b>Negative</b>
<i>Pinus radiata</i>	Pine	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<i>Salix caprea</i>	Willow	Asthma/Rhinitis/Eczema	0.01	<b>Negative</b>
<b>Common Fungal Allergens</b>			0.09	<b>Negative</b>
<i>Alternaria alternata</i>	Alternaria rot fungus	Asthma/Rhinitis/Eczema	0.05	<b>Negative</b>
<i>Aspergillus fumigatus</i>	Fungus	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<i>Candida albicans</i>	Candida	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<i>Cladosporium herbarum</i>	Fungus	Asthma/Rhinitis/Eczema	0.02	<b>Negative</b>
<i>Penicillium chrysogenum</i>	Fungus	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<i>Setomelanomma rostrata</i>	Fungus	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<b>Common Weed Allergens</b>			0.20	<b>Negative</b>
<i>Artemisia vulgaris</i>	Mugwort, wormwood	Asthma/Rhinitis/Eczema	0.04	<b>Negative</b>
<i>Ambrosia Elatior</i>	Ragweed	Asthma/Rhinitis/Eczema	0.12	<b>Positive</b>
<i>Chenopodium Album</i>	Bathaua	Asthma/Rhinitis/Eczema	0.03	<b>Negative</b>
<i>Plantago Lanceolata</i>	English plantain	Asthma/Rhinitis/Eczema	0.02	<b>Negative</b>
<i>Salsola Kali</i>	Prickly Russian thistle	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<b>Common Household Allergens</b>			0.08	<b>Negative</b>
<i>Felis domesticus</i>	Cat dander	Eczema/Asthma/Rhinitis	0.00	<b>Negative</b>
<i>Dermatophagoides pter.</i>	House Dust Mite	Eczema/Asthma/Rhinitis	0.05	<b>Negative</b>
<i>Canis familiaris</i>	Dog dander	Eczema/Asthma/Rhinitis	0.02	<b>Negative</b>
<i>Equus caballus</i>	Horse dander	Eczema/Asthma/Rhinitis	0.00	<b>Negative</b>
<i>Equus caballus</i>	Rabbit epithelial	Eczema/Asthma/Rhinitis	0.01	<b>Negative</b>
<i>Periplaneta americana</i>	Cockroach, American	Eczema/Asthma/Rhinitis	2.72	<b>Positive</b>

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