

<b>Name</b>	Master Umang	<b>Collection Date</b>	5/5/2017
<b>Age (Years)</b>	5	<b>Sex:</b>	Male
<b>Institution</b>	Vatsalya Hospital (Rewari)	<b>Specimen received</b>	5/5/2017
<b>Lab ID</b>	11705050207	<b>Report Date</b>	16/05/2017
<b>Vial ID</b>	10177573	<b>Print Date</b>	16/05/2017
		<b>Status</b>	Final Report

**Clinical Information Provided**

Patient complains of	Not Provided
Patient reports seasonal variations	Not Provided
Suspected allergen(s) based on clinical history	Not Provided
Total IgE (IU/mL)	1461.56
	Hyperimmunoglobulinemia: Yes

**RESULTS**

<b>Phadiatop IgE</b>	>100	kU/l	Reference: Negative <0.35 kU/l
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Allergen	Value	Interpretation	Clinical Relevance
<b>Common Food Allergens</b>	4.35	Positive	Common
<b>Common Grass Allergens</b>	0.29	Negative	Uncommon
<b>Common Tree Allergens</b>	0.82	Positive	Low
<b>Common Fungal Allergens</b>	67.10	Positive	Very High
<b>Common Weed Allergens</b>	1.37	Positive	Low
<b>Common Household Allergens</b>	0.35	Negative	Uncommon
<b>Cockroach American</b>	3.10	Positive	Common

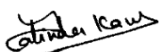
**Immucap Specific IgE**

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

<b>Interpretation</b>	Screen is positive. Based on clinical information provided and serological tests the most probable allergen(s) are Cow's milk, Egg White, Fish (cod), Peanut, Soyabean, Cajeput, Acacia, Gum tree, <i>Alternaria alternata</i> , <i>Aspergillus fumigatus</i> , <i>Candida albicans</i> , <i>Cladosporium herbarum</i> , <i>Setomelanomma rostrata</i> , Mugwort, Ragwed, Bathana, English plantain, Cockroach american.
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<b>Final recommendation</b>	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).
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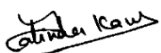


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### Comprehensive Panel, Detailed Allergens Report

Allergen	Common name	Type of Known Allergic Reaction	Value	Interpretation
<b>Common Food Allergens</b>			4.35	<b>Positive</b>
<i>Bos spp.</i>	Cow's milk	Eczema/Asthma/Rhinitis	2.18	<b>Positive</b>
<i>Gallus spp.</i>	Egg white	Eczema/Asthma/Rhinitis	3.05	<b>Positive</b>
<i>Fish spp.</i>	Fish (cod)	Eczema	0.44	<b>Positive</b>
<i>Arachis hypogaea</i>	Peanut	Eczema/Asthma/Rhinitis	1.74	<b>Positive</b>
<i>Glycine max</i>	Soybean	Eczema	0.33	<b>Positive</b>
<i>Triticum aestivum</i>	Wheat	Eczema/Asthma/Rhinitis	0.00	<b>Negative</b>
<b>Common Grass Allergens</b>			0.29	<b>Negative</b>
<i>Cynodon dactylon</i>	Bermuda grass	Asthma/Rhinitis/Eczema	0.04	<b>Negative</b>
<i>Lolium perenne</i>	Perennial rye-grass	Asthma/Rhinitis/Eczema	0.09	<b>Negative</b>
<i>Paspalum notatum</i>	Bahia grass	Asthma/Rhinitis/Eczema	0.01	<b>Negative</b>
<i>Phleum pratense</i>	Timothy-grass	Asthma/Rhinitis/Eczema	0.06	<b>Negative</b>
<i>Poa pratensis</i>	Buegrass, meadow-grass	Asthma/Rhinitis/Eczema	0.02	<b>Negative</b>
<i>Sorghum halepense</i>	Johnson grass	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<b>Common Tree Allergens</b>			0.82	<b>Positive</b>
<i>Melaleuca leucadendron</i>	Cajeput-tree	Asthma/Rhinitis/Eczema	0.10	<b>Positive</b>
<i>Acacia longifolia</i>	Acacia	Asthma/Rhinitis/Eczema	0.21	<b>Positive</b>
<i>Eucalyptus</i>	Gum tree	Asthma/Rhinitis/Eczema	0.25	<b>Positive</b>
<i>Olea europaea</i>	Olive	Asthma/Rhinitis/Eczema	0.08	<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>			67.10	<b>Positive</b>
<i>Alternaria alternata</i>	Alternaria rot fungus	Asthma/Rhinitis/Eczema	4.03	<b>Positive</b>
<i>Aspergillus fumigatus</i>	Fungus	Asthma/Rhinitis/Eczema	3.69	<b>Positive</b>
<i>Candida albicans</i>	Candida	Asthma/Rhinitis/Eczema	3.36	<b>Positive</b>
<i>Cladosporium herbarum</i>	Fungus	Asthma/Rhinitis/Eczema	13.42	<b>Positive</b>
<i>Penicillium chrysogenum</i>	Fungus	Asthma/Rhinitis/Eczema	0.09	<b>Negative</b>
<i>Setomelanomma rostrata</i>	Fungus	Asthma/Rhinitis/Eczema	0.67	<b>Positive</b>
<b>Common Weed Allergens</b>			1.37	<b>Positive</b>
<i>Altrmisia vulgaris</i>	Mugwort, wormwood	Asthma/Rhinitis/Eczema	0.27	<b>Positive</b>
<i>Ambrosia Elatior</i>	Ragweed	Asthma/Rhinitis/Eczema	0.82	<b>Positive</b>
<i>Chenopodium Album</i>	Bathaua	Asthma/Rhinitis/Eczema	0.21	<b>Positive</b>
<i>Plantago Lanceolata</i>	English plantain	Asthma/Rhinitis/Eczema	0.14	<b>Positive</b>
<i>Salsola Kali</i>	Prickly Russian thistle	Asthma/Rhinitis/Eczema	0.01	<b>Negative</b>
<b>Common Household Allergens</b>			0.35	<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	0.09	<b>Negative</b>
<i>Canis familiaris</i>	Dog dander	Eczema/Asthma/Rhinitis	0.07	<b>Negative</b>
<i>Equus caballus</i>	Horse dander	Eczema/Asthma/Rhinitis	0.01	<b>Negative</b>
<i>Equus caballus</i>	Rabbit epithelial	Eczema/Asthma/Rhinitis	0.03	<b>Negative</b>
<i>Periplaneta americana</i>	Cockroach, American	Eczema/Asthma/Rhinitis	3.10	<b>Positive</b>

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