

<b>Name</b>	Mr Mahavir	<b>Collection Date</b>	29/11/2016
<b>Age (Years)</b>	65	<b>Sex:</b>	Male
<b>Institution</b>	Bharat X-Ray & Diagnostic Centre	<b>Specimen received</b>	29/11/2016
<b>Lab ID</b>	11611290046	<b>Report Date</b>	5/12/2016
<b>Vial ID</b>	10089050	<b>Print Date</b>	5/12/2016
		<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)	1150.6
	Hyperimmunoglobulinemia: Yes

### RESULTS

<b>Phadiatop IgE</b>	13.6	kU/l	Reference: Negative <0.35 kU/l
----------------------	------	------	--------------------------------

Allergen	Value	Interpretation	Clinical Relevance
<b>Common Food Allergens</b>	6.99	Positive	Common
<b>Common Grass Allergens</b>	12.40	Positive	Common
<b>Common Tree Allergens</b>	12.20	Positive	Common
<b>Common Fungal Allergens</b>	0.68	Positive	Low
<b>Common Weed Allergens</b>	12.60	Positive	Common
<b>Common Household Allergens</b>	0.94	Positive	Low
<b>Cockroach American</b>	6.32	Positive	Common

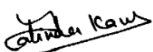
### Immunocap Specific IgE

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

<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, Peanut, Bermuda grass, Perennial rye-grass, Timothy grass, Bhia grass, Cajeput, Acacia, Gum tree, Olive, Willow, Cladosporium herbarum, Mugwort, Ragwed, Bathaua, English plantain, Dog dander, House dust mite, Cockroach american.
-----------------------	--

<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).
-----------------------------	--

Report generated by:



Dr. Jatinder Kaur, PhD (AIIMS)  
Consultant Biochemistry

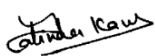


Dr. Gulshan Yadav, MD  
Consultant, Pathology

### Comprehensive Panel, Detailed Allergens Report

Allergen	Common name	Type of Known Allergic Reaction	Value	Interpretation
<b>Common Food Allergens</b>			6.99	<b>Positive</b>
<i>Bos spp.</i>	Cow's milk	Eczema/Asthma/Rhinitis	3.50	<b>Positive</b>
<i>Gallus spp.</i>	Egg white	Eczema/Asthma/Rhinitis	4.89	<b>Positive</b>
<i>Fish spp.</i>	Fish (cod)	Eczema	0.70	<b>Positive</b>
<i>Arachis hypogaea</i>	Peanut	Eczema/Asthma/Rhinitis	2.80	<b>Positive</b>
<i>Glycine max</i>	Soybean	Eczema	0.03	<b>Negative</b>
<i>Triticum aestivum</i>	Wheat	Eczema/Asthma/Rhinitis	0.01	<b>Negative</b>
<b>Common Grass Allergens</b>			12.40	<b>Positive</b>
<i>Cynodon dactylon</i>	Bermuda grass	Asthma/Rhinitis/Eczema	1.86	<b>Positive</b>
<i>Lolium perenne</i>	Perennial rye-grass	Asthma/Rhinitis/Eczema	4.34	<b>Positive</b>
<i>Paspalum notatum</i>	Bahia grass	Asthma/Rhinitis/Eczema	0.62	<b>Positive</b>
<i>Phleum pratense</i>	Timothy-grass	Asthma/Rhinitis/Eczema	2.60	<b>Positive</b>
<i>Poa pratensis</i>	Buegrass, meadow-grass	Asthma/Rhinitis/Eczema	0.06	<b>Negative</b>
<i>Sorghum halepense</i>	Johnson grass	Asthma/Rhinitis/Eczema	0.01	<b>Negative</b>
<b>Common Tree Allergens</b>			12.20	<b>Positive</b>
<i>Melaleuca leucadendron</i>	Cajeput-tree	Asthma/Rhinitis/Eczema	1.53	<b>Positive</b>
<i>Acacia longifolia</i>	Acacia	Asthma/Rhinitis/Eczema	3.05	<b>Positive</b>
<i>Eucalyptus</i>	Gum tree	Asthma/Rhinitis/Eczema	3.78	<b>Positive</b>
<i>Olea europaea</i>	Olive	Asthma/Rhinitis/Eczema	1.22	<b>Positive</b>
<i>Pinus radiata</i>	Pine	Asthma/Rhinitis/Eczema	0.01	<b>Negative</b>
<i>Salix caprea</i>	Willow	Asthma/Rhinitis/Eczema	0.12	<b>Positive</b>
<b>Common Fungal Allergens</b>			0.68	<b>Positive</b>
<i>Alternaria alternata</i>	Alternaria rot fungus	Asthma/Rhinitis/Eczema	0.04	<b>Negative</b>
<i>Aspergillus fumigatus</i>	Fungus	Asthma/Rhinitis/Eczema	0.04	<b>Negative</b>
<i>Candida albicans</i>	Candida	Asthma/Rhinitis/Eczema	0.03	<b>Negative</b>
<i>Cladosporium herbarum</i>	Fungus	Asthma/Rhinitis/Eczema	0.14	<b>Positive</b>
<i>Penicillium chrysogenum</i>	Fungus	Asthma/Rhinitis/Eczema	0.00	<b>Negative</b>
<i>Setomelanomma rostrata</i>	Fungus	Asthma/Rhinitis/Eczema	0.01	<b>Negative</b>
<b>Common Weed Allergens</b>			12.60	<b>Positive</b>
<i>Altrmisia vulgaris</i>	Mugwort, wormwood	Asthma/Rhinitis/Eczema	2.52	<b>Positive</b>
<i>Ambrosia Elatior</i>	Ragweed	Asthma/Rhinitis/Eczema	7.56	<b>Positive</b>
<i>Chenopodium Album</i>	Bathaua	Asthma/Rhinitis/Eczema	1.89	<b>Positive</b>
<i>Plantago Lanceolata</i>	English plantain	Asthma/Rhinitis/Eczema	1.01	<b>Positive</b>
<i>Salsola Kali</i>	Prickly Russian thistle	Asthma/Rhinitis/Eczema	0.01	<b>Negative</b>
<b>Common Household Allergens</b>			0.94	<b>Positive</b>
<i>Felis domesticus</i>	Cat dander	Eczema/Asthma/Rhinitis	0.01	<b>Negative</b>
<i>Dermatophagoides pter.</i>	House Dust Mite	Eczema/Asthma/Rhinitis	0.30	<b>Positive</b>
<i>Canis familiaris</i>	Dog dander	Eczema/Asthma/Rhinitis	0.19	<b>Positive</b>
<i>Equus caballus</i>	Horse dander	Eczema/Asthma/Rhinitis	0.02	<b>Negative</b>
<i>Equus caballus</i>	Rabbit epithelial	Eczema/Asthma/Rhinitis	0.07	<b>Negative</b>
<i>Periplaneta americana</i>	Cockroach, American	Eczema/Asthma/Rhinitis	6.32	<b>Positive</b>

Report generated by:



Dr. Jatinder Kaur, PhD (AIIMS)  
Consultant Biochemistry



Dr. Gulshan Yadav, MD  
Consultant, Pathology