Nordic Laboratories

PATIENT: XXXXXXXXXXXXXXXX			TEST REF: TST-NL-XXXX
TEST NUMBER: T-NL-XXXXX (XXXXXXXXXX)		COLLECTED: XX/XX/XXXX	PRACTITIONER: XXXXXXXXXXXXX
GENDER: XYZ		RECEIVED: XX/XX/XXXX	
AGE: XX		TESTED: XX/XX/XXXX	XXXXXXXXXXXXXXXXXXXX

TEST NAME: Mold IgE Allergy

Mold Allergy Test (13) IU/ml IgE

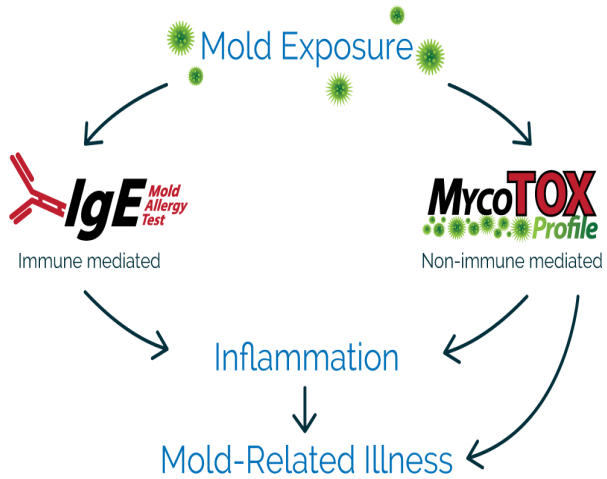
Molds

Alternaria Tenuis	27.000
Aspergillus Fumigatus	24.940
Bipolaris Spicifera	30.000
Candida Albicans	22.840
Cladosporium Herbarum	20.980
Epicoccum Purpurascens	35.500
Fusarium Moniliforme	28.000
Fusarium Oxysporum	30.000
Helminthosporium Halodes	38.000
Mucor Racemosus	32.000
Penicillium Notatum	23.740
Phoma Betae	37.560
Stemphylium Botryosum	36.000

Reactivity Summary

Very High

- Helminthosporium Halodes
- Phoma Betae
- Stemphylium Botryosum
- Epicoccum Purpurascens
- Mucor Racemosus
- Bipolaris Spicifera
- Fusarium Oxysporum
- Fusarium Moniliforme
- Alternaria Tenuis
- Aspergillus Fumigatus
- Penicillium Notatum
- Candida Albicans
- Cladosporium Herbarum



-	Negative	<0.05	Class I	0.08-0.149	Class III	0.5-2.499	Class V	12.5-62.499
*	Equivocal	0.05-0.079	Class II	0.15-0.499	Class IV	2.5-12.499	Class VI	>62.5

The reagents and instrument used in this test have been approved by the U.S. Food and Drug Administration.

Nordic Laboratories Aps
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TEST REF: TST-NL-XXXX
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XXXXXXXXXXXXXXXXXXXX

TEST NAME: Mold IgE Allergy

MOLD	ENVIRONMENT AND MYCOTOXINS PRODUCED
Penicillium notatum (chrysogenum)	Found in food and damp buildings. Can cause respiratory conditions like pneumonia, localized granulomas,fungus balls, asthma and systemic infections like endophthalmitis. Species of this mold produce the mycotoxins gliotoxin, ochratoxin, sterigmatocystin, citrinin, and mycophenolic acid, which are measured in the MycoTOX Profile.
Cladosporium herbarum	Common outdoor mold found in 70% of homes tested in the US. Found in food stuffs, paint, windowsills, HVAC systems.
Aspergillus fumigatus	Ubiquitous, common in outdoor air, contaminates foodstuffs such as stored grains and crops, and decaying plant material (compost, peat, hay, soil, wood chips). A. fumigatus readily grows in indoor environments on dampened building materials (plasterboard, wood, chipboard, ceiling tiles, cardboard, and insulation material) usually producing a light to medium growth, grey to greyish-green. Species of Aspergillus produce the mycotoxins aflatoxin, ochratoxin, sterigmatocystin, gliotoxin, and citrinin. All are measured in the MycoTOX Profile.
Mucor racemosus	Found in soil and in foods (moldy cheese, fresh fruits, and smoked foods, yogurt, spices, and nuts). Individuals in agricultural occupations tend to have a high exposure rate.
Candida albicans	A yeast that grows in the gastrointestinal tract as part of the normal GI microbiome. Also found in the genitourinary tract and on skin. Overgrowth of Candida can lead to immune stimulation manifesting as inflammation, gastrointestinal upset, fatigue, brain fog, etc. The mycotoxin gliotoxin is produced by C. albicans and is measured in the MycoTOX Profile.
Alternaria tenuis (alternata)	A common outdoor mold allergen found in soil and on many plants. Commonly associated with asthma. Also found in damp, poorly ventilated or water damage buildings.

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TEST NAME: Mold IgE Allergy

MOLD	ENVIRONMENT AND MYCOTOXINS PRODUCED
Helminthosporium halodes	Found worldwide and a common contaminant of grains and corn. Thrives in a warm moist environment. May contaminate a water-damaged building but not seen as frequently as other molds.
Fusarium moniliforme, Fusarium oxysporum	Often found in cereal grains: corn, oats, rye, barley, and buckwheat. Though commonly found outdoors, it can grow in water-damaged buildings as well. Can cause hypersensitivity pneumonitis especially in occupational settings. A frequent cause of upper and lower respiratory symptoms. Species of Fusarium produce the mycotoxin zearalenone, roridin E, enniatin B, and verrucarin A which are measured in the MycoTOX Profile.
Stemphylium botryosum	Often found on grains, tomatoes, and other farm crops. Can manifest as brown spots on your lawn. At its peak is during ragweed season.
Phoma betae	A phytopathogen found in aquatic environments and soil; these fungi have been isolated from water sources, food, and crops, acting as opportunistic pathogens when a suitable host is exposed. Contamination of potatoes or corn can contaminate seeds, nuts, soybeans, potatoes, bananas, sorghum, maize, kiwi berries, lemons, tomatoes, eggplants, pomegranates, and cereal grains. Species of Phoma produce the mycotoxin sterigmatocystin, which is measured in the MycoTOX Profile.
Epicoccum purpurascens	Widespread in grasslands and agricultural areas. Found in the Midwest during cool, dry autumns can contaminate foodstuffs and textiles.

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MOLD	ENVIRONMENT AND MYCOTOXINS PRODUCED
Bipolaris spicifera	Commonly found in soil and plant materials. May form fungal balls of the sinuses or cause dermatomycosis, keratitis, allergic sinusitis, central nervous system infections, and disseminated infections, as well as allergic bronchopulmonary disease, endarteritis, endocarditis, and peritonitis. Bipolaris species produce the mycotoxin sterigmatocystin, which is measured in the MycoTOX Profile.

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