

Name	: Mr. DUMMY A036	Collected	: 16/1/2017 1:34:00PM
Lab No.	: 131268800	Age: 31 Years	Gender: Male
A/c Status	: P	Ref By: SELF	Report Status: Final
		Received	: 16/1/2017 1:44:14PM
		Reported	: 16/1/2017 4:30:52PM

Test Name	Results	Units	Bio. Ref. Interval
ALLERGY, INDIVIDUAL MARKER, MAIZE, SERUM (FEIA)	0.02	KUA/L	<0.35

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 the patient is to the allergen.
2. In cases of food allergy, specific IgE antibodies may be undetectable inspite of a convincing clinical history because these antibodies may be directed towards allergens that are revealed or altered during industrial food processing, cooking or digestion and therefore do not exist in the original food for which the patient is tested.
3. All results should be interpreted in relation to the individual case history.

Comments

Maize is grown all over the world and the kernels are eaten directly or cooked with other vegetables. Maize is implicated as one of the causative foods of Eosinophilic esophagitis unresponsive to conventional reflux therapies. Allergic manifestations include abdominal pain, nausea, vomiting, rhinitis, asthma, angioedema, atopic dermatitis and anaphylaxis. Intravenous fluids containing maize derived dextrose can produce allergy in sensitized individuals. Allergic reactions have also been reported to corn starch powder used as a glove lubricant. Occupational exposure to maize flour / dust results in asthma and rhinitis.

Potential Cross Reactivity

Seen with different species of the genus, rice, soybean and peanut.



LPL - LPL-ROHINI (NATIONAL REFERENCE
LAB)
SECTOR - 18, BLOCK -E ROHINI
DELHI 110085

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Dr Biswadip Hazarika
MD (Pathology)
Consultant Pathologist

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