

Name	: Mr. DUMMY A048	Collected	: 16/1/2017 12:30:00PM
Lab No.	: 131268816	Age: 35 Years	Gender: Male
A/c Status	: P	Ref By : SELF	Report Status : Final
		Received	: 16/1/2017 1:55:27PM
		Reported	: 16/1/2017 4:39:20PM

Test Name	Results	Units	Bio. Ref. Interval
ALLERGY, INDIVIDUAL MARKER, ORANGE, SERUM (FEIA)	0.23	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

Orange is the most important commercial citrus fruit cultivated in warm climates throughout the world. It is among the top 10 food allergens resulting in adverse effects in children. Symptoms include abdominal cramps, vomiting, diarrhea, oral itching, angioedema, bronchospasm, rhinitis, urticaria, hypotension and anaphylaxis. Oranges may also contribute to multifood allergy. Orange seed has more allergenic components as compared to the pulp and it has been suggested that sensitivity to orange may be more due to careless chewing of its seeds.

Potential Cross Reactivity

Seen among different species of the genus. Cross reactivity has been demonstrated between orange seed and peanut.



