

## Allergen specific IgE

### Specific IgE levels conferring very high risk

The following table was derived from several large studies in which patients were challenged with each allergen.

The Positive Predictive Value (PPV) of a specific IgE level for a positive challenge was determined. The table illustrates that specific IgE levels for individual allergens are like "international currencies" and are not necessarily comparable to a particular level for other allergens.

**The table defines levels at which exposure, or a challenge, would be highly hazardous for a patient. Importantly, many patients could have serious reactions at much lower levels.**

This table should only be used as a guide, as it is accepted that differing patient populations may have differing cutoffs.

Allergen	Age	IgE level	PPV
Egg	≤ 2 years old	2 kU/L	~95%
	> 2 years old	7 kU/L	~98%
Fish		20 kU/L	~100%
Milk	≤ 2 years old	5 kU/L	~95%
	> 2 years old	15 kU/L	~95%
Peanut		14 kU/L	~100%
Prawn		> 0.35 kU/L	~85%
Sesame		29 kU/L	~75%
Soy		65 kU/L	~50%
Tree nuts		~15 kU/L	~95%
Wheat		26 kU/L	~74%