

Specific IgE to Food Allergens	
 Milk	Cheese, cheddar Milk, Bovine Milk, Alpha-lactalbumin, Bos d 4 Milk, Beta-lactoglobulin, Bos d 5 Milk, Casein, Bos d 8
	Bos d 4 and Bos d 5 are heat-labile and patients may be tolerant to extensively cooked or baked milk and milk products . (e.g. muffins, cakes, and bread).
	Bos d 8 Casein is heat-resistant protein, patients should avoid milk or milk products .
 Chicken Egg	Egg White Egg Yolk Egg Ovomucoid, Gal d 1 Egg, Ovalbumin, Gal d 2
	Gal d 1 is resistant to both heat and enzymatic digestion, patient should avoid egg or egg products .
	Gal d 2 is heat-labile and susceptible to enzymatic digestion, patient may be tolerant to cooked or baked egg and egg products .
 Meat	Beef Chicken Meat Duck meat Lamb Pork
 Seafood	Shrimp Crab Lobster Shellfish, Mixed <ul style="list-style-type: none"> • Blue Mussel • Oyster

Specific IgE to Food Allergens	
 Seafood	Codfish Salmon Tuna Fish
 Seeds and Nuts	Almond Cashew nut Cacao Bean Hazelnut Sesame seed
 Cereals	Barley Corn Rice Wheat, Whole Wheat, Omega 5 - Gliadin Gluten
	Omega 5 - Gliadin is a marker allergen in wheat dependent exercise-induced anaphylaxis (WDEIA), which may induce anaphylaxis after consumption of wheat combined with certain cofactors , such as exercise, aspirin and other NSAIDs, alcohol, stress.
 Legume	Soybean Peanut Peanut, Ara h 2 (2S albumin) Peanut, Ara h 6 (2S albumin)
	Most patients with peanut allergy are sensitized to both Ara h 2 and Ara h 6. Ara h 2 is one of the most potent peanut allergens , which may associate with severe symptoms and anaphylactic reactions .

South China Multiplex Panel 70 (SCMP70)

Innovative, Patented **Microfluidics** Technology for Allergen IgE Assay

Lab on a Chip!



BioIC



Microfluidics Technology

Greater surface area for antibody binding, effective elimination of non-specific bindings under dynamic flow

Small volume of blood

~2ml only

SCMP70 panel

70 analytes in one run, including total IgE, specific IgE for 61 Allergens extracts and 8 components

Certified

ISO 13485, QMS (GMP), CE-IVD, China FDA, Taiwan FDA

Specific IgE to Inhalant Allergens & Others	
Mites	Blomia tropicalis Dermatophagoides farinae Dermatophagoides pteronyssinus Glycyphagus domesticus Tyrophagus putrescentiae
Epidermals	Cat dander Chicken feathers Dog dander Duck feathers
Pollens	Palm, Queen Grass and Weed, Mixed <ul style="list-style-type: none"> Bermuda Timothy Ragweed, Short Mugwort Goldenrod Tree, Mixed <ul style="list-style-type: none"> Birch Pine Acacia

Specific IgE to Inhalant Allergens & Others	
Insects	Cockroach, Mixed <ul style="list-style-type: none"> German cockroach American cockroach Oriental cockroach Honey Bee, Venom
Yeast & Moulds	Mould, Mixed <ul style="list-style-type: none"> Penicillium notatum Cladosporium herbarum Aspergillus fumigatus Candida albicans Alternaria alternata Yeast
Others	Latex Staphylococcal Enterotoxin A Staphylococcal Enterotoxin B

Staphylococcal Enterotoxin A,B



Severe atopic dermatitis may be associated with sensitization to staphylococcal enterotoxin A and/or B.

Specific IgE to Food Allergens	
Fruits	Apple Banana Blackberry Kiwi Fruit Mango Peach Raspberry Citrus, Mixed <ul style="list-style-type: none"> Orange Lemon Grapefruit
Vegetables	Carrot Celery Cucumber Garlic Potato Tomato

Total IgE | **70**

100mm (W) x 65mm (H)