



# IgE Alex<sup>®</sup> Allergy Blood Test

A new molecular approach to allergy diagnosis to screen out false positive test results

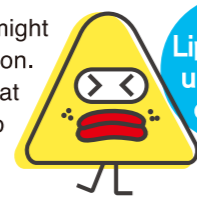


I am Allergy Buster

## Asthma, Allergic rhinitis, Itchy

May be due to food and environmental allergy triggers

Be careful! A craving for peanuts might just turn into an allergic reaction. Don't be complacent, thinking that eating food or exposing yourself to environmental allergens will only cause mild or temporary allergic reactions. Watery eyes, allergic rhinitis, hives, convulsions



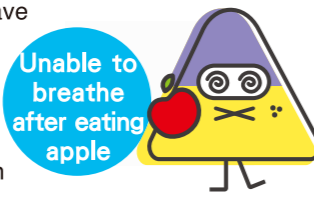
Lips swell up after eating



Sneezing after smelling flowers

Babies, children and adults all have a chance of developing allergies. In our daily lives, we are frequently exposed to food and environmental allergens, but do you really know the real reason behind an allergic reaction?

Unable to breathe after eating apple



### Typical Types of Allergy Symptom

- Itchy skin
- Stomach pains/vomiting after eating
- Hives
- Runny nose/watery eyes
- Difficulty sleeping
- Sneezing/Nasal congestion
- Convulsions
- Difficulty breathing

If the above symptoms have appeared and are affecting your everyday life, we recommend you to find the cause as soon as possible.



Waking up feeling itchy all over

## Defeat Allergies by Clearing Out the Allergens

Allergies cause far greater damage than just the physical. The long-term allergic reactions can cause emotional stress and make it difficult to concentrate at work or school which could seriously affect social life, studies, quality of sleep and work performance. Allergy medication can help treat the symptoms of an allergic reaction, but it is far from a cure. Once ceasing the dosage, allergy symptoms recur upon contact with the allergen.

We understand the physical and mental stress caused by allergies, and we will fight the allergens with you to figure out the true cause.

**Finding the source of allergies is the most effective way to prevent and protect yourself against allergic reactions.**

### Preventing Allergies

Without knowing the exact allergy-causing agent, the things we invest in might not always produce expected results and may not be worth the hassle.

#### Taking allergy medication?



Only a temporary relief as symptoms will reoccur

#### Following traditional Chinese medicine advice to bar yourself from certain foods?



Imbalanced diet

#### Recruiting pest control service for household disinfection?



Dust mites may still survive.

#### Abandoning your pets?



They could be innocent!

## IgE ALEX<sup>®</sup> - Allergy Explorer An Effective Way to Prevent Allergies

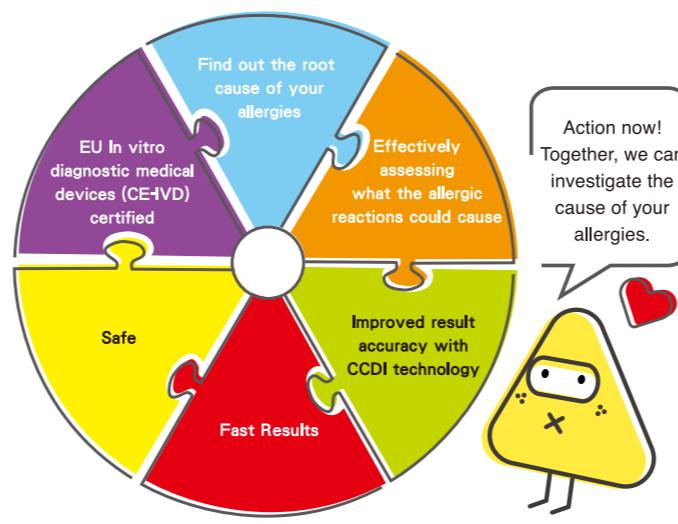


IgE ALEX<sup>®</sup> Allergy Blood Test covers the most common food and environmental allergens in the city. It detects more than 280 molecular allergens that may cause your allergy triggers. It is the largest allergen panel in total.

### Two Technical Advantages

**1** The groundbreaking molecular-based allergy test identifies molecular allergens by looking into the basic component of the food and environmental allergenic sources<sup>1</sup>. IgE ALEX<sup>®</sup> finds out and provides a list of food or environmental substances that could have "cross reactivity" similar molecular allergens causing certain allergic reactions. Contrary to the traditional IgE tests, IgE ALEX<sup>®</sup> is more promising and comprehensive in interpreting your allergic symptoms and finding the root cause behind your allergies.

**2** Efficient CCDI (Cross-reactive Carbohydrate Determinant Inhibitor) technology effectively eliminate the "non-allergenic molecular proteins"<sup>2</sup> that could lead to false positive results and increases the accuracy. The IgE ALEX<sup>®</sup> test in comparison could significantly eliminate the false positives food and environmental allergens factors that were misinterpreted in the past.



## A New Molecular Approach to Allergy Diagnosis IgE ALEX<sup>®</sup> Allergy Test

### Groundbreaking Molecular-Based Allergy Diagnosis

By identifying molecular allergens, this test interprets your allergic symptoms to find the root cause behind your allergies.

IgE Alex<sup>®</sup> shows that I am not solely allergic to kiwis, but may also be allergic to apples or peaches.

Because they all have similar molecular allergens and might be the root cause for your allergic symptoms.

### Thorough Tracking of Allergens

By analysing the molecular composition of the identified allergen, IgE ALEX<sup>®</sup> can generate a list of similar molecular food and environmental allergens.

According to the IgE Alex<sup>®</sup> test report, both shellfish and cockroaches possess similar molecular allergens that you may be allergic to. In addition to avoid eating shellfish, it will also be a good idea to pay more attention to cleaning your house.

In the past, I thought shrimps and crabs were the only allergens I should avoid. Now I know I may also be allergic to cockroaches.

### Screening out false positive test results

CCDI technology screening improves the accuracy of our tests by eliminating false positive results due to "non-allergenic molecular proteins."

I previously believed that I have to avoid eating all peanuts because I have a peanut allergy. But in fact, not all peanuts have the same molecular allergen. This peanut butter and some other peanuts' molecular allergens may not trigger my allergies so I can still eat them.

Peanuts have different allergen molecular allergens. IgE ALEX<sup>®</sup> could help you identify your true allergens with a peace of mind.

## Comprehensive IgE ALEX<sup>®</sup> Allergen List

### Food

Cereals/Seeds	Legumes/Nuts	Meat	Pollen - Tree
Barley	Almond	Beef	Acacia
Buckwheat	Brazil Nut	Chicken	Alder
Corn, cereal	Cashew	Horse	Arizona Cypress
Cultivated rye	Chickpea	Lamb	Ash
Lupine Seed	Hazel Nut	Pork	Beech
Millet	Lentil	Rabbit	Cottonwood
Oat	Macadamia	Turkey	Cypress
Poppy seed	Pea		Date Palm
Pumpkin Seed	Peanut		Elm
Quinoa	Pecan		Hazel
Rice	Pistachio		Lilac
Sesame	Soy		London Plane Tree
Sunflower seed	Walnut		Mountain Cedar
Spelt	Green Bean		Mulberry Tree
Wheat			Oak

Spices	Seafood	Others	Moulds/Yeasts
Anise	Anisakis simplex	Latex	Alternaria alternata
Caraway	Atlantic Cod	Weeping Fig	Aspergillus fumigatus
Mustard	Common Mussel	Hops	Candida
Oregano	Crab	Baker's Yeast	Cladosporium herbarum
Paprika	Squid	CCD*	Malassezia sympodialis
Parsley	Lobster	Total IgE	Penicillium chrysogenum
	Oyster		
	Salmon		
	Scallop		
	Northern prawn		
	Shrimp mix		
	Black Tiger Shrimp		
	Tuna		
	Venus Clam		

Dairy/Egg	Seafood	Others	Mites/Cockroaches
Egg White	Anisakis simplex	Latex	Acarus siro
Egg Yolk	Atlantic Cod	Weeping Fig	American Cockroach
Camel's Milk	Common Mussel	Hops	American house dust mite
Cow's Milk	Crab	Baker's Yeast	Blotia tropicalis
Goat's Milk	Squid	CCD*	European house dust mite
Mare's Milk	Lobster	Total IgE	German Cockroach
Sheep's Milk	Oyster		Lepidoglyphus destructor
	Salmon		Tyrophagus putrescentiae
	Scallop		
	Northern prawn		
	Shrimp mix		
	Black Tiger Shrimp		
	Tuna		
	Venus Clam		

Environment	Pollen - Grass	Dander/Epithelia
	Bahia Grass	Cat
	Bermuda Grass	Cattle epithel
	Common Reed	Dog
	Corn	Goat
	Johnson Grass	Guinea Pig
	Perennial Ryegrass	Hamster
	Rye	Horse epithel
	Timothy	Mouse
		Pig
		Rabbit
		Rat
		Sheep epithel

Fruit	Vegetables	Pollen - Weed
Apple	Avocado	Annual Mercury
Banana	Cabbage	Lamb's Quarter
Blueberry	Carrott	Mugwort
Cherry	Celery	Nettle
Fig	Garlic	Common Pigweed
Grapes	Lettuce	Ragweed
Kiwi	Lychee	Onion
Lycbee	Mango	Potato
Melon	Melon	Raspberry
Orange	Papaya	Strawberry
Papaya	Peach	
Peach	Pear	
Pear	Potato	
Plum	Raspberry	
Raspberry	Strawberry	
Strawberry		

Hymenoptera Venoms
Wasp Venom
Honey Bee
Hornet
Paper Wasp Venom

\* Crossreactive Carbohydrate Determinants

## Our Services



**Health Check Expert** provides the most comprehensive and professional health check-up programs, protecting you from potential health threats.

Helps you create a healthy body by knowing your nutrition needs and discover your potential talents through genetic testing.

### Gene KOL



**Allergy Buster** helps you analyze common food and environmental threats causing allergic reactions. He provides you a personalized and professional advice for management of allergy conditions.

**Cancer Prophet** protects you from cancer threats by detecting abnormal cells in your body at early stages. He helps you reduce cancer risks.

**DNA Relationship Director** provides expert DNA tests to confirm biological relationship and resolve any doubts you might have in kinship.

<sup>1</sup>Lloyd M. Advances in Allergy Testing: Component Resolved Diagnostics. Journal for Clinical Studies. 2017;6:40-43.  
<sup>2</sup>Holzweber F, Svehla E, Fellner W, et al. Inhibition of IgE binding to cross-reactive carbohydrate determinants enhances diagnostic selectivity. Allergy. 2013;68:1269-77.

Remarks: The test is for reference only, and is not suitable for diagnostic and/or treatment use.