

Allergy Diagnostics

IgE Allergy LINE assays for nutritional and inhalation profiles



IgE Allergy LINE

Allergies and food intolerances are steadily increasing in our culture over the past 30 years. Currently around 30 % of the European population is affected, in Germany for example, around 25 million people. Early, accurate and professional diagnosis may relieve affected people enormously.

Our IgE Allergy LINE profiles (20 allergens) are ideal solutions for a reliable and fast result in the determination of allergen-specific IgE antibodies in patients with with different clinical symptoms:

- Seasonal and perennial rhinitis and conjunctivitis
- Allergic asthma
- Allergic eczema
- allergic gastrointestinal diseases

This kind of allergy diagnosis has been developed for professional groups like physicians, allergists and non medical practitioners who seek a fast, reliable, jointly solution in direct communication with patients. Different situations or patient-specific conditions could make conventional skin test methods (prick test) partially impossible or difficult to be carried out. Thus in-vitro testing should be preferred for example instead of a skin test, at least in pregnant women, in children, or in patients with acute skin problems, respectively. However this possibility of diagnosis should be mentioned to the patient in general.

Standard LINE Immunoassay profiles

Nutritional	Seasonal	Perennial	Atopic
Egg white (f1)	Orchard grass (g3)	Cat epithelia (e1)	Egg white (f1)
Egg yolk (f75)	Perenn. rye grass (g5)	Dog epithelia (e2)	Cow's milk (f2)
Cow's milk (f2)	Timothy grass (g6)	Horse epithelia (e3)	Wheat flour (f4)
Wheat flour (f4)	June grass (g8)	Guinea pig epithelia (e6)	Peanut (f13)
Beef (f27)	Cultivated rye (g12)	Pigeon feathers (e11)	Celery (f85)
Chicken (f83)	Velvet grass (g13)	Hen feathers (e85)	Codfish (f3)
Peanut (f13)	Corn (g20)	Casein (f78)	Timothy grass (g6)
Hazelnut (f17)	Common ragweed (w1)	Derm. ptheronyssinus (d1)	Common ragweed (w1)
Almond (f20)	Mugwort sagebrush (w6)	Derm. farinae (d2)	Mugwort sagebrush (w6)
Soybean (f14)	English plantain (w9)	German Cockroach (i6)	English plantain (w9)
Tomato (f25)	Carnation (w27)	Penicillium chrysogenum (m1)	Birch (t3)
Carrot (f31)	Common sunflower (w29)	Cladosporium herbarum (m2)	Hazel (t4)
Potato (f35)	Alder (t2)	Aspergillus fumigatus (m3)	Cat epithelia (e1)
Onion (f48)	Birch (t3)	Candida albicans (m59)	Dog epithelia (e2)
Celery (f85)	Hazel (t4)	Alternaria tenuis/alternata (m6)	Derm. ptheronyssinus (d1)
Apple (f49)	Elm (t8)	Trichoph. mentagrophytes (m37)	Derm. farinae (d2)
Codfish (f3)	Willow (t12)	Straw dust (k23)	Penicillium chrysogenum (m1)
Salmon (f41)	Cottonwood (t14)	Cotton (k03)	Cladosporium herbarum (m2)
Shrimp (f23)	Eucalyptus (t18)	Sheep's wool (k20)	Aspergillus fumigatus (m3)
CCD (o214)	CCD (o214)	CCD (o214)	CCD (o214)

Advantages

- ⇒ Fast and comprehensive diagnostics
- ⇒ No need of expensive laboratory equipment
- ⇒ Basic profile for allergy in Europe
- ⇒ Customized profiles possible



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