

**In-vitro ELISA assay system** (Enzyme Linked Immunosorbent Assay) for the parallel determination of allergen-specific IgE antibodies against allergens/mixtures/total IgE in human plasma or serum. It is a high quality assay (average variation coefficient <10%) using small sample volumes of 150µl only and providing fast, quantitative results (140min) in CAP classes and kU/L (scanner necessary).

E-1		E-2		E-3		E-4	
Code	Allergen	Code	Allergen	Code	Allergen	Code	Allergen
w1	Common Ragweed	f25	Tomato	t3	Birch	w1	Common Ragweed
w6	Mugwort	f31	Carrot	t4	Hazelnut	w6	Mugwort
w9	English plantain	f85	Celery	t9	Olive	w9	English plantain
w21	Pellitory	f89	Mustard	t23	Cypress	w21	Pellitory
dx2	House dust mites *	f33	Orange	t25	Ash	w20	Stinging nettle
e1	Cat dander	f44	Strawberry	g6	Timothy grass	e1	Cat dander
e3	Horse dander	f49	Apple	g12	Rye	e3	Horse dander
e5	Dog dander	f53	Peach	g2	Bermuda grass	e5	Dog dander
ix1	Cockroaches **	f84	Kiwi fruit	g17	Bahia grass	d1	<sup>1)</sup> Dermatophagoides
k81	Ficus	f1	Egg white	w1	Common Ragweed	d2	<sup>2)</sup> Dermatophagoides
k82	Latex	f199	Milk	w6	Mugwort	k82	Latex
m2	Cladosporium herbarum	f3	Cod	w9	English plantain	m2	Cladosporium herbarum
t216	Alder	f41	Salmon	e1	Cat dander	t216	Alder
t3	Birch	f23	Crab	e3	Horse dander	t3	Birch
t4	Hazelnut	f24	Shrimp	e5	Dog dander	t4	Hazelnut
t9	Olive	fx693	Meat ****	dx2	House dust mites *	t7	Oak
t14	Poplar	f4	Wheat	i6	Cockroach	t25	Ash
t23	Cypress	f9	Rice	m2	Cladosporium herbarum	i1	Bee venom
g2	Bermuda grass	f14	Soy	f1	Egg white	i3	Wasp venom
g17	Bahia grass	f35	Potato	f199	Milk	i6	German Cockroach
gx17	Grass mix ***	f13	Peanut	f3	Cod	i903	American Cockroach
g6	Timothy grass	f17	Hazelnut	f41	Salmon	g6	Timothy grass
g12	Rye	f20	Almond	f23	Crab	g12	Rye
CCD	CCD	CCD	CCD	f24	Shrimp	CCD	CCD
IgE	total IgE	IgE	total IgE	fx693	Meat ****	IgE	total IgE
				f4	Wheat		
				f9	Rice		
				f14	Soja		
				f35	Potato		
				f13	Peanut		
				f17	Hazelnut		
				f20	Almond		
				f25	Tomato		
				f31	Carrot		
				f33	Orange		
				f44	Strawberry		
				f49	Apple		
				f53	Peach		
				CCD	CCD		
				IgE	total IgE		

\* dx2 House dust mites:  
d1 Dermatophagoides pteronyssinus, d2 Dermatophagoides farinae

\*\* ix1 Cockroaches:  
i6 German cockroach, i903 American cockroach

\*\*\* Grass mix:  
g1 Sweet vernal grass, g3 Orchard grass, g5 Ryegrass,  
g8 Kentucky blue grass

\*\*\*\* fx693 Meat:  
f26 Pork, f27 Beef, f83 Chicken, f88 Lamb

<sup>1)</sup> Dermatophagoides pteronyssinus  
<sup>2)</sup> Dermatophagoides farinae

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E-5		E-6		E-7	
Code	Allergen	Code	Allergen	Code	Allergen
f1	Egg white	d1	<sup>1)</sup> Dermatophagoides	f1	Egg white
f75	Egg yolk	d2	<sup>2)</sup> Dermatophagoides	f199	Milk
f199	Milk	d201	Blomia tropicalis	f4	Wheat
f3	Cod	e1	Cat dander	f7	Oat
f4	Wheat	e5	Dog dander	f8	Maize
f14	Soy	e73	Rat epithelium	f9	Rice
f13	Peanut	g12	Rye	f10	Sesame
f204	Cashew nut	g13	Velvet grass	f89	Mustard
f23	Crab	g2	Bermuda grass	f13	Peanut
f24	Shrimp	g6	Timothy grass	f14	Soy
f27	Beef	g8	Kentucky blue grass	f49	Apple
f88	Lamb	i6	Cockroach	f29	Banana
f25	Tomato	k82	Latex	f91	Mango
f52	Pineapple	m2	Cladosporium herbarum	f52	Pineapple
f91	Mango	m3	Aspergillus fumigatus	f31	Carrot
w1	Common Ragweed	t18	Blue gum	f47	Garlic
w6	Mugwort	t230	Pine	s15	Ginger
tx21	Tree mix *	t3	Birch	f16	Walnut
e1	Cat dander	t214	Date palm	fx102	Nut mix *
e5	Dog Dander	w1	Common ragweed	f24	Shrimp
h1	House dust	w10	Lamb's quarters	f23	Crab
dx2	House dust mites **	w13	Cocklebur	fx103	Fish mix **
i6	Cockroach	w6	Mugwort	f83	Chicken
mx1	Mould mix ***	IgE	total IgE	fx101	Red meat mix ***
IgE	total IgE	CCD	CCD	IgE	total IgE

  

<p>* tx21 Tree mix: t12 Goat willow, t14 Poplar, t247 Elm (american)</p> <p>** dx2 House dust mites: d1 Dermatophagoides pteronyssinus, d2 Dermatophagoides farinae</p> <p>*** mx1 Mould mix: m1 Penicillium notatum, m2 Cladosporium herbarum, m3 Aspergillus fumigatus, m6 Alternaria alternata</p>	<p><sup>1)</sup> Dermatophagoides pteronyssinus <sup>2)</sup> Dermatophagoides farinae</p>	<p>* fx102 Nut mix: f20 Almond, f36 Coconut, f204 Cashew nut</p> <p>** fx103 Fish mix: f40 Tuna, f171 Mackerel, f173 Sardine</p> <p>*** fx101 Red meat mix: f26 Pork, f27 Beef, f88 Lamb</p>
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