

# SPECIFIC ALLERGEN IgE REQUEST FORM

intRlab collection label

Patient's Surname: \_\_\_\_\_

Patient's Given Name: \_\_\_\_\_

Date of Birth: \_\_\_\_\_

Personal Health Number: \_\_\_\_\_

Address: \_\_\_\_\_

Ordering Physician: \_\_\_\_\_

**MSP permits a maximum of 5 allergens per patient per year, unless ordered by an allergy specialist.**

Patients **must** have one or both of the following (please check the appropriate box):

- History of life-threatening or severe allergic reaction
- Presence of generalized skin diseases
- Private pay (no restriction on number of allergens)

**Please check the required allergens: (Note: Mixes may be useful as a screen.)**

INHALANTS		
Feather mix (Goose, Chicken, Duck, Turkey)	ex71	
Mite mix (House dust, D. pteronyssinus, Cockroach, D. farinae)	hx2	
Cat hair/dander	e1	
Cockroach	i6	
Dog hair/dander	e5	
Dust mite (D. farinae)	d2	
Dust mite (D. pteronyssinus)	d1	
Feathers (goose)	e70	
Feathers (duck)	e86	
Horse dander	e3	
House dust (Hollister-Stier)	h2	
GRASS POLLENS		
Grass mix (Meadow, Rye, M. fescue, Orchard, Timothy)	gx1	
Bromegrass	g11	
Meadow fescue	g4	
Meadow grass, Kentucky blue	g8	
Orchard	g3	
Rye	g5	
Timothy	g6	
WEEDS		
Weed Mix (Common Ragweed, Mugwort, Plantain (English), Lambs Quarters, Russian Thistle)	wx1	
Common Ragweed	w1	
Dandelion	w8	
Lambs Quarters	w10	
Pigweed (Rough)	w14	
Plantain (English)	w9	
Russian Thistle	w11	
Sheep Sorrel	w18	
TREES		
Tree Mix (Alder, Birch, Hazel, Oak, Willow)	tx9	
Alder	t2	
Birch	t3	
Cottonwood	t14	
Hazel	t4	
Maple	t11	
Oak	t7	
Red Cedar	t57	
Willow	t12	

OCCUPATIONAL		
Latex	k82	
FOOD		
Children's food (Egg White, Milk, Wheat, Peanut, Soybean)	fx5	
Nut mix (Peanut, Hazelnut, Almond, Coconut, Brazil nut)	fx1	
Seafood mix (Cod, Tuna, Shrimp, Mussel, Salmon)	fx2	
Almond	f20	
Apple	f49	
Avocado	f96	
Banana	f92	
Barley	f6	
Beef	f27	
Brazil nut	f18	
Cashew nut	f202	
Carrot	f31	
Casein	f78	
Celery	f85	
Chicken	f83	
Cocoa	f93	
Coconut	f36	
Cod	f3	
Corn	f8	
Cow's Milk	f2	
Crab	f23	
Egg White	f1	
Egg Yolk	f75	
Gluten	f79	
Halibut	f303	
Hazelnut	f17	
Kiwi	f84	
Lobster	f80	
Mango	f91	
Melon	f87	
Oat	f7	
Orange	f33	
Pea	f12	
Peanut	f13	
Pear	f94	
Pecan nut	f201	
Pine nut	f253	
Pistachio	f203	
Pork	f26	
Potato	f35	

Food. . . cont'd		
Rice	f9	
Salmon	f41	
Scallop	f338	
Sesame seed	f10	
Shrimp	f24	
Soybean	f14	
Strawberry	f44	
Sweet Chestnut	f299	
Tomato	f25	
Tuna	f40	
Walnut	f256	
Wheat	f4	
Yeast	f45	
INSECTS/VENOMS		
Honey Bee	i1	
Yellow Hornet	i5	
Yellow Jacket	i3	
Paper Wasp	i4	
White Faced Hornet	i2	
PENICILLIN		
Penicilloyl G (Benzylpenicilloyl)	c1	
Penicilloyl V (Phenoxymethyl-Penicilloyl)	c2	
MOULD		
Mould mix (P. notatum, C. herbarum, A. fumigatus, C. albicans, A. tenuis, H. halodes)	mx2	
Alternaria tenuis	m6	
Aspergillus fumigatus	m3	
Candida albicans	m5	
Cladosporium herbarum	m2	
Helminthosporium halodes	m8	
Penicillium notatum	m1	
MISCELLANEOUS (please request allergen)		

# INTERPRETATION OF SPECIFIC ALLERGEN IgE RESULTS

## GENERAL:

Levels in positive sera may not correlate directly with severity of symptoms.

## MIXES:

A test mix can be a useful SCREENING test.

A NEGATIVE result on a mix indicates absence or undetectable levels of specific IgE antibodies towards all the allergens in the mix.

A POSITIVE result indicates the presence of specific IgE antibodies to one or more of the allergens.

Reinvestigation with single allergens is recommended when there is a need to further identify and obtain a quantitative result.

FALSE POSITIVE results may occur in mixes because cumulative values exceed 0.35 KU/L.

## DRUG ALLERGIES:

A NEGATIVE result indicates the absence of antibodies to the drug. Such results can also be found in patients hypersensitive to drugs when the symptoms are mediated without IgE involvement or the sample has been collected a long time after the allergic reaction. Such a result can be checked by collecting a new sample and repeating the test 2 weeks after an allergic reaction.

Samples should be collected from 2 weeks to 6 months after drug exposure.

## VENOMS:

UNDETECTABLE levels of circulating venom-specific IgE antibodies do not preclude the existence of current or future clinical hypersensitivity to insect sting. Samples should be collected from 2 to 3 weeks or up to 6 months after an insect sting.

## FOODS:

In food allergy, circulating IgE antibodies may remain undetectable because these antibodies may be directed towards allergens that are revealed or altered during industrial processing, cooking, or digestion and do not exist in the original food.

## CELIAC DISEASE:

Gluten allergy is not an IgE mediated allergy. If Celiac Disease is suspected, the Tissue Transglutaminase test is recommended.