

המעבדה להמטולוגיה היחידה להמטו-אימונולוגיה

טלפון: 2356 / 03-53021178 | פקס: 3506 / 03-5303991
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1 אפריל, 2025

תפוצת רופאים

דף מידע לבדיקה חדשה: אלרגיה

רקע:

בשנים האחרונות גוברת בקרב ילדים ומבוגרים שכיחות האלרגיות המתפתחות עקב גורמים שונים במזון ובמקורות אחרים אותם ניתן לזהות בסרום. הבירור המעבדתי לזיהוי האלרגן הספציפי נעשה ע"י שימוש בטכנולוגית Fluorescent Enzyme Immunoassay (FEIA): ImmunoCAP assay technology במכשיר Phadia 250 של חברת Thermo Fisher. ניתן לבדוק תגובה אימונולוגית ספציפית (IgE או IgG4) למאות אלרגנים שונים במזון (אגוזים, חלב, ביצים, בוטנים), בתרופות, בחומרים נשאפים, בכימיקלים (לטקס), בחומרים משמרים, באבקות עצים, צמחים וזרעים, בקרדית מסוגים שונים, באבק הבית, בחרקים וארס חרקים, במיקרואורגניזמים, בטפילים, בחיות משק ובית, ועוד.

דגימות:

כול הבדיקות הנן סרולוגיות ולכן עבור כול בדיקה יש צורך במבחנת כימיה פקק צהוב בטמפרטורת החדר, לאחר סרכוז והפרדת הסרום מתאי דם אדומים.

מידע פרה-אנליטי נחוץ:

- יש לתאם טלפונית מראש עם המעבדה (2117) כול בדיקה על מנת לוודא שהנוגדן הספציפי לאלרגן המבוקש נמצא במלאי (ראה נספח – רשימת אלרגנים).
- ניתן להזמין בדיקה לאלרגן 1, 4, או 6.
- מבחנות כימיה פקק צהוב יש לשלוח ליחידה להמטו-אימונולוגיה, חדר 106, במעבדה להמטולוגיה. את המבחנות יש לשלוח למעבדה בטיל 200 מתוך בית החולים, או להביא עם שליח. על המבחנה להגיע

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- ביום הלקיחה עד השעה 15:00 בטמפ' החדר. אם לא ניתן לשנע את המבחנה ביום הלקיחה יש לשמור את הסרום המופרד בקירור עד להגעתה, לא יאוחר מ 48 שעות מהלקיחה, למעבדה.
4. לכול למבחנה יש לצרף הפנייה שכוללת, מידע קליני (אבחנה משוערת), תאריך לקיחת הדגימה ופרטי רופא מטפל לבירורים (אי-מייל וטלפון).
5. בדיקות האלרגיה הן אמבולטוריות ומשולמות ע"י הנבדק במזכירות המעבדה להמטולוגיה (03-530-2356) עפ"י הטבלה שלהלן:

קוד הקלדה	קוד קופה	שם	מחיר בש"ח
808146	T8146	אלרגיה PHADIA-אלרגן 1	442
808147	T8147	אלרגיה PHADIA-אלרגן 2	591
808148	T8148	אלרגיה PHADIA-אלרגן 4	890
808149	T8149	אלרגיה PHADIA-אלרגן 6	1,188

שיטת הבדיקה ופרמטרים אנליטיים:

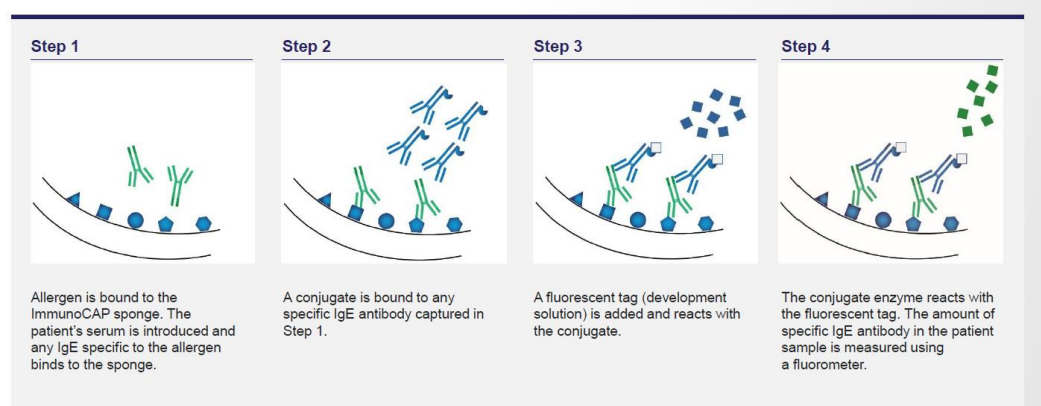
בשיטת ה ImmunoCAP (איור 1), בדומה ל ELISA, מתבצעת ריאקציה "סנדוויץ'" שבה אלרגן (שאת התגובה האלרגית כנגדו רוצים לבדוק) הקשור קובלנטית למצע הספוגי נקשר לנוגדנים מסוג IgE או IgG4 בסרום הנבדק. שספציפים אליו (1) שנקשר בתורו לנוגדן שניוני המצומד לאנזים (2) האנזים מגיב עם תג פלואורסצנטי (3) לשחרור חומר פלואורסצנטי (4) שכמותו נמדדת בפלואורומטר ופרופורציונית לכמות ה IgE או IgG4 שבסרום.

התוצאות מתקבלות ב kUA/L: Kilo Units of Allergen-specific IgE/IgG4 per liter

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איור 1



טווח תקין: <0.1 kUA/L

פרשנות לתוצאות:

kUA/L	Allergen-specific IgE/IgG4 Ab	Symptom relation
<0.1	Undetectable	Unlikely
0.1-0.5	Very low	Uncommon
0.5-2.0	Low	Low
2-15	Moderate	Common
15-50	High	High
>50	Very high	Very high

זמן למתן תשובה:

עד חודש מהקליטה במעבדה.

ImmunoCAP Allergens

In patients suffering from extrinsic asthma, hay fever or atopic eczema, symptoms develop after exposure to specific allergens. This immediate (atopic or anaphylactic) type of allergy is a function of a special type of serum antibodies belonging to the IgE class of immunoglobulins.

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Grass pollens					
Whole Allergens					
Bahia grass	<i>Paspalum notatum</i>	g17	16	14-4189-01	432
Barley	<i>Hordeum vulgare</i>	g201	10	14-4821-01	920
Bermuda grass	<i>Cynodon dactylon</i>	g2	16	14-4131-01	379
Brome grass	<i>Bromus inermis</i>	g11	16	14-4238-01	479
Canary grass	<i>Phalaris arundinacea</i>	g71	10	14-4360-01	585
Cocksfoot	<i>Dactylis glomerata</i>	g3	16	14-4117-01	366
Common reed	<i>Phragmites communis</i>	g7	16	14-4187-01	430
Cultivated oat	<i>Avena sativa</i>	g14	16	14-4239-01	480
Cultivated rye	<i>Secale cereale</i>	g12	16	14-4101-01	351
Cultivated wheat	<i>Triticum aestivum</i>	g15	16	14-4188-01	431
Johnson grass	<i>Sorghum halepense</i>	g10	16	14-4138-01	384
Maize, Corn	<i>Zea mays</i>	g202	10	14-4822-01	921
Meadow fescue	<i>Festuca elatior</i>	g4	16	14-4133-01	380
Meadow foxtail	<i>Alopecurus pratensis</i>	g16	16	14-4240-01	481
Meadow grass, Kentucky blue	<i>Poa pratensis</i>	g8	16	14-4136-01	382
Redtop, Bentgrass	<i>Agrostis stolonifera</i>	g9	16	14-4137-01	383
Rye-grass	<i>Lolium perenne</i>	g5	16	14-4134-01	381
Sweet vernal grass	<i>Anthoxanthum odoratum</i>	g1	16	14-4130-01	378
Timothy grass	<i>Phleum pratense</i>	g6	16	14-4100-01	350
Velvet grass	<i>Holcus lanatus</i>	g13	16	14-4139-01	385
Wild rye grass	<i>Elymus triticoides</i>	g70	10	14-4344-01	569
Allergen Components					
nCyn d 1 Bermuda grass	<i>Cynodon dactylon</i>	g216	10	14-4972-01	CFA
rPhl p 1 Timothy	<i>Phleum pratense</i>	g205	10	14-5234-01	BSU
rPhl p 2 Timothy	<i>Phleum pratense</i>	g206	10	14-5235-01	C0K
nPhl p 4 Timothy	<i>Phleum pratense</i>	g208	10	14-5288-01	C0L
rPhl p 5b Timothy	<i>Phleum pratense</i>	g215	10	14-5338-01	BV3
rPhl p 6 Timothy	<i>Phleum pratense</i>	g209	10	14-5289-01	BSV
rPhl p 7 Timothy	<i>Phleum pratense</i>	g210	10	14-5290-01	BSW
rPhl p 11 Timothy	<i>Phleum pratense</i>	g211	10	14-5291-01	BSX
rPhl p 12 Profilin, Timothy	<i>Phleum pratense</i>	g212	10	14-5292-01	BSY
rPhl p 1, rPhl p 5b Timothy	<i>Phleum pratense</i>	g213	10	14-5312-01	BU1
rPhl p 7, rPhl p 12 Timothy	<i>Phleum pratense</i>	g214	10	14-5313-01	BU
Mixes					
g3, g4, g5, g6, g8	<i>Dactylis glomerata, Festuca elatior, Lolium perenne, Phleum pratense, Poa pratensis</i>	gx1	16	14-4163-01	405
g2, g5, g6, g8, g10, g17	<i>Cynodon dactylon, Lolium perenne, Phleum pratense, Poa pratensis, Sorghum halepense, Paspalum notatum</i>	gx2	16	14-4192-01	433
g1, g5, g6, g12, g13	<i>Anthoxanthum odoratum, Lolium perenne, Phleum pratense, Secale cereale, Holcus lanatus</i>	gx3	16	14-4193-01	434
g1, g5, g7, g12, g13	<i>Anthoxanthum odoratum, Lolium perenne, Phragmites communis, Secale cereale, Holcus lanatus</i>	gx4	16	14-4194-01	435
g2, g5, g10, g11, g13, g17	<i>Cynodon dactylon, Lolium perenne, Sorghum halepense, Bromus inermis, Holcus lanatus, Paspalum notatum</i>	gx6	10	14-5200-01	BSZ

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Weed pollens					
Whole Allergens					
Alfalfa	<i>Medicago sativa</i>	w45	10	14-4951-01	CCR
Camomile	<i>Matricaria chamomilla</i>	w206	10	14-5020-01	BPZ
Careless weed	<i>Amaranthus palmeri</i>	w82	10	14-4953-01	CCT
Cocklebur	<i>Xanthium commune</i>	w13	16	14-4251-01	489
Common pigweed	<i>Amaranthus retroflexus</i>	w14	16	14-4252-01	490
Common ragweed	<i>Ambrosia artemisiifolia</i> (A. elatior)	w1	16	14-4531-01	DWR
Dandelion	<i>Taraxacum vulgare</i>	w8	16	14-4155-01	401
Dog fennel	<i>Eupatorium capillifolium</i>	w46	10	14-4952-01	CCS
False ragweed	<i>Franseria acanthicarpa</i>	w4	16	14-4247-01	485
Firebush (Kochia)	<i>Kochia scoparia</i>	w17	16	14-4255-01	493
Giant ragweed	<i>Ambrosia trifida</i>	w3	16	14-4153-01	399
Goldenrod	<i>Solidago virgaurea</i>	w12	16	14-4250-01	488
Goosefoot, Lamb's quarters	<i>Chenopodium album</i>	w10	16	14-4157-01	403
Japanese Hop	<i>Humulus scandens</i>	w22	16	14-4452-01	BJT
Lupin	<i>Lupinus spp.</i>	w207	10	14-5022-01	C1B
Marguerite, Ox-eye daisy	<i>Chrysanthemum leucanthemum</i>	w7	16	14-4154-01	400
Mugwort	<i>Artemisia vulgaris</i>	w6	16	14-4103-01	353
Nettle	<i>Urtica dioica</i>	w20	16	14-4257-01	495
Plantain (English), Ribwort	<i>Plantago lanceolata</i>	w9	16	14-4156-01	402
Rape	<i>Brassica napus</i>	w203	10	14-5024-01	BPY
Rough marshelder	<i>Iva ciliata</i>	w16	16	14-4254-01	492
Saltwort (prickly), Russian thistle	<i>Salsola kali</i> (pestifer)	w11	16	14-4249-01	487
Scale, Lenscale	<i>Atriplex lentiformis</i>	w15	16	14-4253-01	491
Sheep sorrel	<i>Rumex acetosella</i>	w18	16	14-4256-01	494
Sunflower	<i>Helianthus annuus</i>	w204	10	14-5025-01	BT8
Wall pellitory	<i>Parietaria officinalis</i>	w19	16	14-4186-01	429
Wall pellitory	<i>Parietaria judaica</i>	w21	16	14-4104-01	354
Western ragweed	<i>Ambrosia psilostachya</i>	w2	16	14-4152-01	398
Wormwood	<i>Artemisia absinthium</i>	w5	16	14-4248-01	486
Yellow dock	<i>Rumex crispus</i>	w23	10	14-4950-01	CCP
Allergen Components					
nAmb a 1 Ragweed	<i>Ambrosia artemisiifolia</i> (A. elatior)	w230	10	14-4969-01	CF8
nArt v 1 Mugwort	<i>Artemisia vulgaris</i>	w231	10	14-4970-01	CF9
nArt v 3 LTP, Mugwort	<i>Artemisia vulgaris</i>	w233	10	14-4983-01	CJ2
rPar j 2 LPT, Wall pellitory	<i>Parietaria judaica</i>	w211	10	14-5311-01	C2M
rPla l 1 Plantain	<i>Plantago lanceolata</i>	w234	10	14-5751-01	D1H
nSal k 1 Saltwort	<i>Salsola kali</i>	w232	10	14-4978-01	CFE
Mixes					
w1, w6, w9, w10, w11	<i>Ambrosia artemisiifolia</i> (A. elatior), <i>Artemisia vulgaris</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Salsola kali</i>	wx1	16	14-4195-01	436
w2, w6, w9, w10, w15	<i>Ambrosia psilostachya</i> , <i>Artemisia vulgaris</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Atriplex lentiformis</i>	wx2	16	14-4268-01	506
w6, w9, w10, w12, w20	<i>Artemisia vulgaris</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Solidago virgaurea</i> , <i>Urtica dioica</i>	wx3	16	14-4196-01	437
w1, w6, w7, w8, w12	<i>Ambrosia artemisiifolia</i> (A. elatior), <i>Artemisia vulgaris</i> , <i>Chrysanthemum leucanthemum</i> , <i>Taraxacum vulgare</i> , <i>Solidago virgaurea</i>	wx5	16	14-4197-01	438
w9, w10, w11, w18	<i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Salsola kali</i> , <i>Rumex acetosella</i>	wx6	16	14-4198-01	439
w7, w8, w9, w10, w12	<i>Chrysanthemum leucanthemum</i> , <i>Taraxacum vulgare</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i> , <i>Solidago virgaurea</i>	wx7	16	14-4269-01	507
w1, w2, w3	<i>Ambrosia artemisiifolia</i> (A. elatior), <i>Ambrosia psilostachya</i> , <i>Ambrosia trifida</i>	wx209	10	14-5026-01	BR0

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Tree pollens					
Whole Allergens					
Acacia	<i>Acacia longifolia</i>	t19	16	14-4233-01	474
American beech	<i>Fagus grandifolia</i>	t5	16	14-4148-01	394
Australian pine	<i>Casuarina equisetifolia</i>	t73	10	14-4374-01	599
Bald cypress	<i>Taxodium distichum</i>	t37	10	14-4941-01	CCE
Bayberry	<i>Myrica cerifera</i>	t56	10	14-4947-01	CCL
Box-elder	<i>Acer negundo</i>	t1	16	14-4161-01	406
Cedar	<i>Libocedrus decurrens</i>	t212	10	14-5185-01	C01
Cedar elm	<i>Ulmus crassifolia</i>	t45	10	14-4944-01	CCH
Chestnut	<i>Castanea sativa</i>	t206	10	14-5140-01	C04
Common silver birch	<i>Betula verrucosa</i>	t3	16	14-4102-01	352
Cottonwood	<i>Populus deltoides</i>	t14	16	14-4229-01	470
Cypress	<i>Cupressus arizonica</i>	t222	10	14-5309-01	BTZ
Date	<i>Phoenix canariensis</i>	t214	10	14-5218-01	C2P
Elder	<i>Sambucus nigra</i>	t205	10	14-5002-01	C0P
Elm	<i>Ulmus americana</i>	t8	16	14-4226-01	467
Eucalyptus, Gum-tree	<i>Eucalyptus spp.</i>	t18	16	14-4232-01	473
European ash	<i>Fraxinus excelsior</i>	t25	10	14-4924-01	C79
Grey alder	<i>Alnus incana</i>	t2	16	14-4146-01	392
Hackberry	<i>Celtis occidentalis</i>	t44	10	14-4943-01	CCG
Hazel	<i>Corylus avellana</i>	t4	16	14-4147-01	393
Horn beam	<i>Carpinus betulus</i>	t209	10	14-5148-01	C0D
Horse chestnut	<i>Aesculus hippocastanum</i>	t203	10	14-5003-01	C0M
Italian/Mediterranean/Funeral cypress	<i>Cupressus sempervirens</i>	t23	16	14-4237-01	478
Japanese cedar	<i>Cryptomeria japonica</i>	t17	16	14-4118-01	367
Linden	<i>Tilia cordata</i>	t208	10	14-4823-01	922
Maple leaf sycamore, London plane	<i>Platanus acerifolia</i>	t11	16	14-4228-01	469
Melaleuca, Cajeput-tree	<i>Melaleuca leucadendron</i>	t21	16	14-4235-01	476
Mesquite	<i>Prosopis juliflora</i>	t20	16	14-4234-01	475
Mountain juniper	<i>Juniperus sabinoidea</i>	t6	16	14-4225-01	466
Mulberry	<i>Morus alba</i>	t70	10	14-4325-01	553
Oak	<i>Quercus alba</i>	t7	16	14-4149-01	395
Oil Palm	<i>Elaeis guineensis</i>	t223	10	14-5308-01	C3G
Olive	<i>Olea europaea</i>	t9	16	14-4150-01	396
Pecan, Hickory	<i>Carya pecan</i>	t22	16	14-4236-01	477
Peppertree	<i>Schinus molle</i>	t217	10	14-5167-01	C1N
Pine	<i>Pinus radiata</i>	t213	10	14-5208-01	C02
Privet	<i>Ligustrum vulgare</i>	t210	10	14-4834-01	996
Queen palm	<i>Arecastrum romanzoffianum</i>	t72	10	14-4373-01	598
Red cedar	<i>Juniperus virginiana</i>	t57	10	14-4948-01	CCM
Red mulberry	<i>Morus rubra</i>	t71	10	14-4949-01	CCN
Scotch broom	<i>Cytisus scoparius</i>	t55	10	14-4946-01	CCK
Spruce	<i>Picea excelsa</i>	t201	10	14-5005-01	C0J
Sweet gum	<i>Liquidambar styraciflua</i>	t211	10	14-5155-01	C03
Walnut	<i>Juglans californica</i>	t10	16	14-4227-01	468
White ash	<i>Fraxinus americana</i>	t15	16	14-4230-01	471
White hickory	<i>Carya tomentosa (syn. C. alba)</i>	t41	10	14-4942-01	CCF
White pine	<i>Pinus strobus</i>	t16	16	14-4231-01	472
Willow	<i>Salix caprea</i>	t12	16	14-4151-01	397
Virginia live oak	<i>Quercus virginiana</i>	t218	10	14-5252-01	BZY

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Tree pollens, cont'd					
Allergen Components					
rBet v 1 PR-10, Birch	<i>Betula verrucosa</i>	t215	10	14-5225-01	BPV
rBet v 2 Profilin, Birch	<i>Betula verrucosa</i>	t216	10	14-5226-01	BR1
rBet v 4 Birch	<i>Betula verrucosa</i>	t220	10	14-5287-01	BT7
rBet v 6 Birch	<i>Betula verrucosa</i>	t225	10	14-5345-01	CF1
rBet v 2, rBet v 4 Birch	<i>Betula verrucosa</i>	t221	10	14-5310-01	BU0
nCup a 1 Cypress	<i>Cupressus arizonica</i>	t226	10	14-4977-01	CFD
rOle e 1 Olive	<i>Olea europaea</i>	t224	10	14-5705-01	CTC
nOle e 7 LTP, Olive	<i>Olea europaea</i>	t227	10	14-4993-01	CKT
rOle e 9, Olive	<i>Olea europaea</i>	t240	10	14-4999-01	CTZ
rPla a 1 Maple leaf sycamore, London plane	<i>Platanus acerifolia</i>	t241	10	14-5957-01	D2H
Mixes					
t1, t3, t7, t8, t10	<i>Acer negundo</i> , <i>Betula verrucosa</i> , <i>Quercus alba</i> , <i>Ulmus americana</i> , <i>Juglans californica</i>	tx1	16	14-4199-01	440
t7, t8, t11, t12, t14	<i>Quercus alba</i> , <i>Ulmus americana</i> , <i>Platanus acerifolia</i> , <i>Salix caprea</i> , <i>Populus deltoides</i>	tx4	16	14-4200-01	441
t2, t4, t8, t12, t14	<i>Ulmus americana</i> , <i>Salix caprea</i> , <i>Populus deltoides</i>	tx5	16	14-4201-01	442
t1, t3, t5, t7, t10	<i>Acer negundo</i> , <i>Betula verrucosa</i> , <i>Fagus grandifolia</i> , <i>Quercus alba</i> , <i>Juglans californica</i>	tx6	16	14-4202-01	443
t9, t12, t16, t18, t19, t21	<i>Olea europaea</i> , <i>Salix caprea</i> , <i>Pinus strobus</i> , <i>Eucalyptus spp.</i> , <i>Acacia longifolia</i> , <i>Melaleuca leucadendron</i>	tx7	16	14-4272-01	510
t1, t3, t4, t7, t11	<i>Acer negundo</i> , <i>Betula verrucosa</i> , <i>Corylus avellana</i> , <i>Quercus alba</i> , <i>Platanus acerifolia</i>	tx8	16	14-4273-01	511
t2, t3, t4, t7, t12	<i>Alnus incana</i> , <i>Betula verrucosa</i> , <i>Corylus avellana</i> , <i>Quercus alba</i> , <i>Salix caprea</i>	tx9	16	14-4274-01	512
t2, t3, t4, t15	<i>Alnus incana</i> , <i>Betula verrucosa</i> , <i>Corylus avellana</i> , <i>Fraxinus americana</i>	tx10	10	14-5183-01	BPX

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Microorganisms					
Whole Allergens					
	<i>Acremonium kiliense</i>	m202	10	14-4830-01	992
	<i>Alternaria alternata</i>	m6	16	14-4106-01	356
	<i>Aspergillus flavus</i>	m228	10	14-5342-01	BZU
	<i>Aspergillus fumigatus</i>	m3	16	14-4119-01	368
	<i>Aspergillus niger</i>	m207	10	14-4831-01	993
	<i>Aspergillus terreus</i>	m36	10	14-4920-01	BYC
	<i>Aureobasidium pullulans</i>	m12	16	14-4263-01	501
	<i>Botrytis cinerea</i>	m7	16	14-4258-01	496
	<i>Candida albicans</i>	m5	16	14-4120-01	369
	<i>Chaetomium globosum</i>	m208	10	14-5202-01	C00
	<i>Cladosporium herbarum</i>	m2	16	14-4105-01	355
	<i>Curvularia lunata</i>	m16	16	14-4267-01	505
	<i>Epicoccum purpurascens</i>	m14	16	14-4265-01	503
	<i>Fusarium proliferatum</i> (F. moniliforme)	m9	16	14-4260-01	498
	<i>Setomelanomma rostrata</i> (<i>Helminthosporium halodes</i>)	m8	16	14-4259-01	497
	<i>Malassezia</i> spp.	m227	10	14-5321-01	BT6
	<i>Mucor racemosus</i>	m4	16	14-4145-01	391
	<i>Penicillium chrysogenum</i> (P. notatum)	m1	16	14-4160-01	405
	<i>Penicillium glabrum</i>	m209	10	14-5203-01	BT3
	<i>Phoma betae</i>	m13	16	14-4264-01	502
	<i>Rhizopus nigricans</i>	m11	16	14-4262-01	500
Staphylococcal enterotoxin A		m80	10	14-4889-01	BDG
Staphylococcal enterotoxin B		m81	10	14-4890-01	BDD
Staphylococcal enterotoxin C		m223	10	14-5298-01	BT5
Staphylococcal enterotoxin TSST		m226	10	14-5301-01	C0X
	<i>Stemphylium herbarum</i> (S. botryosum)	m10	16	14-4261-01	499
	<i>Tilletia tritici</i>	m201	10	14-5029-01	C1C
	<i>Trichoderma viride</i>	m15	16	14-4266-01	504
	<i>Trichophyton mentagrophytes</i> var. <i>interdigitale</i>	m211	10	14-5224-01	C0R
	<i>Trichophyton rubrum</i>	m205	16	14-4483-01	A2J
	<i>Ulocladium chartarum</i>	m204	10	14-5028-01	C1Y
Allergen Components					
rAlt a 1	<i>Alternaria alternata</i>	m229	10	14-5346-01	CE0
rAsp f 1	<i>Aspergillus fumigatus</i>	m218	10	14-5293-01	BPL
rAsp f 2	<i>Aspergillus fumigatus</i>	m219	10	14-5294-01	BPM
rAsp f 3	<i>Aspergillus fumigatus</i>	m220	10	14-5295-01	BT4
rAsp f 4	<i>Aspergillus fumigatus</i>	m221	10	14-5296-01	BPN
rAsp f 6	<i>Aspergillus fumigatus</i>	m222	10	14-5297-01	BPP
Mixes					
m1, m2, m3, m6	<i>Penicillium chrysogenum</i> , <i>Cladosporium herbarum</i> , <i>Aspergillus fumigatus</i> , <i>Alternaria alternata</i>	mx1	16	14-4204-01	445
m1, m2, m3, m5, m6, m8	<i>Penicillium chrysogenum</i> , <i>Cladosporium herbarum</i> , <i>Aspergillus fumigatus</i> , <i>Candida albicans</i> , <i>Alternaria alternata</i> , <i>Setomelanomma rostrata</i>	mx2	16	14-4320-01	851
m3, m207, m36, m228	<i>A. fumigatus</i> , <i>A. niger</i> , <i>A. terreus</i> , <i>A. flavus</i>	mx4	10	14-4921-01	BYD

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Animals – Epidermals & proteins					
Whole Allergens					
Budgerigar droppings		e77	10	14-4303-01	537
Budgerigar feathers		e78	10	14-4304-01	538
Canary bird droppings		e200	10	14-4913-01	BY5
Canary bird feathers		e201	10	14-4824-01	923
Cat dander		e1	16	14-4109-01	359
Chicken droppings		e218	10	14-5229-01	BRW
Chicken feathers		e85	10	14-4170-01	517
Chicken, serum proteins		e219	10	14-5230-01	C24
Chinchilla epithelium		e208	10	14-5011-01	C1X
Cow dander		e4	16	14-4166-01	411
Dog dander		e5	16	14-4110-01	360
Duck feathers		e86	10	14-4171-01	518
Ferret epithelium		e217	10	14-5157-01	C1H
Finch feathers		e214	10	14-5013-01	C2D
Gerbil epithelium		e209	10	14-5015-01	C1W
Goat epithelium		e80	10	14-4306-01	540
Goose feathers		e70	16	14-4169-01	414
Guinea pig epithelium		e6	16	14-4167-01	412
Hamster epithelium		e84	10	14-4310-01	544
Horse dander		e3	16	14-4122-01	371
Mink epithelium		e203	10	14-5030-01	C39
Mouse epithelium		e71	10	14-4394-01	603
Mouse epithelium, serum proteins and urine proteins		e88	10	14-4327-01	555
Mouse serum proteins		e76	10	14-4399-01	608
Mouse urine proteins		e72	10	14-4395-01	604
Parakeet feathers		e196	10	14-4909-01	BY1
Parrot feathers		e213	10	14-4832-01	994
Pigeon feathers		215	10	14-5032-01	BP5
Rabbit epithelium		e82	10	14-4308-01	542
Rabbit, serum proteins		e206	10	14-5033-01	C2H
Rabbit, urine proteins		e211	10	14-5034-01	C44
Rat epithelium		e73	10	14-4396-01	605
Rat epithelium, serum proteins and urine proteins		e87	10	14-4326-01	554
Rat serum proteins		e75	10	14-4398-01	607
Rat urine proteins		e74	10	14-4397-01	606
Sheep epithelium		e81	10	14-4307-01	541
Swine epithelium		e83	10	14-4309-01	543
Turkey feathers		e89	10	14-4356-01	581
Whole Allergens for Research Use Only					
Swine, urine proteins		Re212	10	14-5039-10	645
Allergen Components					
nBos d 6 BSA, Cow	<i>Bos spp.</i>	e204	10	14-5009-01	BRV
rCan f 1 Dog	<i>Canis familiaris</i>	e101	10	14-4955-01	CBN
rCan f 2 Dog	<i>Canis familiaris</i>	e102	10	14-4956-01	CBP
nCan f 3 Dog serum albumin	<i>Canis familiaris</i>	e221	10	14-5241-01	C14
rCan f 4 Dog	<i>Canis familiaris</i>	e229	10	14-5755-01	CZY
rCan f 5 Dog	<i>Canis familiaris</i>	e226	10	14-4998-01	CMZ
rCan f 6 Dog	<i>Canis familiaris</i>	e230	10	14-6081-01	E2X
rFel d 1 Cat	<i>Felis domesticus</i>	e94	10	14-4905-01	BY0
rFel d 2 Cat serum albumin	<i>Felis domesticus</i>	e220	10	14-5240-01	BRX
rFel d 4 Cat	<i>Felis domesticus</i>	e228	10	14-5702-01	CT9

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Animals – Epidermals & proteins cont'd					
rFel d 7 Cat	<i>Felis domesticus</i>	e231	10	14-6082-01	E2Y
rEqu c 1 Horse	<i>Equus caballus</i>	e227	10	14-5700-01	CN7
nSus s Pig serum albumin, Swine	<i>Sus scrofa</i>	e222	10	14-5242-01	C36
Allergen Components for Research Use Only					
nGal d 5 Alpha-livetin, Chicken serum albumin§	<i>Gallus domesticus</i>	U770	10	14-5872-10	DCN
Mixes					
e1, e3, e4, e5 Cat dander, Horse dander, Cow dander, Dog dander		ex1	16	14-4203-01	444
e1, e5, e6, e87, e88 Cat dander, Dog dander, Guinea pig epithelium, Rat, Mouse		ex2	16	14-4512-01	BN7
e6, e82, e84, e87, e88 Guinea pig epithelium, Rabbit epithelium, Hamster epithelium, Rat, Mouse		ex70	10	14-4276-01	519
e70, e85, e86, e89 Goose feathers, Chicken feathers, Duck feathers, Turkey feathers		ex71	10	14-4277-01	520
e78, e201, e196, e213, e214 Budgerigar feathers, Canary bird feathers, Parakeet feathers, Parrot feathers, Finch feathers		ex72	10	14-4278-01	521
Mites					
Whole Allergens					
Storage mite	<i>Acarus siro</i>	d70	10	14-4300-01	534
House dust mite	<i>Blomia tropicalis</i>	d201	10	14-4896-01	BHP
House dust mite	<i>Dermatophagoides farinae</i>	d2	16	14-4108-01	358
House dust mite	<i>Dermatophagoides microceras</i>	d3	16	14-4241-01	482
House dust mite	<i>Dermatophagoides pteronyssinus</i>	d1	16	14-4107-01	357
House dust mite	<i>Euroglyphus maynei</i>	d74	10	14-4342-01	567
Storage mite	<i>Glycyphagus domesticus</i>	d73	10	14-4393-01	602
Storage mite	<i>Lepidoglyphus destructor</i>	d71	10	14-4301-01	535
Storage mite	<i>Tyrophagus putrescentiae</i>	d72	10	14-4302-01	536
Allergen Components					
rDer p 1 House dust mite	<i>Dermatophagoides Pteronyssinus</i>	d202	10	14-5996-01	DP4
rDer p 2 House dust mite	<i>Dermatophagoides Pteronyssinus</i>	d203	10	14-4967-01	CG2
rDer p 10 Tropomyosin, House dust mite	<i>Dermatophagoides Pteronyssinus</i>	d205	10	14-4985-01	CG5
rDer p 23 House dust mite	<i>Dermatophagoides Pteronyssinus</i>	d209	10	14-6040-01	DWU
House dust					
Whole Allergens					
Greer Labs., Inc.		h1	16	14-4116-01	365
Hollister-Stier Labs.		h2	16	14-4140-01	386
Mix					
h2, d1, d2, i6 Hollister-Stier Labs.	<i>Dermatophagoides pteronyssinus</i> , <i>Dermatophagoides farinae</i> , <i>Blatella germanica</i>	hx2	16	14-4205-01	446

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ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Insects					
Whole Allergens					
Berlin beetle	<i>Trogoderma angustum (Solier)</i>	i76	10	14-4362-01	587
Blood worm	<i>Chironomus thummi (C. riparius)</i>	i73	10	14-4328-01	556
Cockroach, American	<i>Periplaneta americana</i>	i206	10	14-5274-01	C07
Cockroach, German	<i>Blatella germanica</i>	i6	16	14-4224-01	465
Fire ant	<i>Solenopsis invicta</i>	i70	10	14-4343-01	568
Horse fly	<i>Tabanus spp.</i>	i204	10	14-5207-01	BPJ
Mediterranean flour moth	<i>Ephestia (syn. Anagasta) kuehniella</i>	i203	10	14-5151-01	C2J
Mosquito	<i>Aedes spp.</i>	i71	10	14-4316-01	550
Moth	<i>Bombyx mori</i>	i8	16	14-4474-01	829
Whole Allergens for Research Use Only					
Confused flour beetle [§]	<i>Tribolium confusum</i>	U15	10	14-5718-10	CYC
Allergen Components for Research Use Only					
rBlo t 5 [§]	<i>Blomia tropicalis</i>	U1324	10	14-6103-10	E75
Insects – Venom					
Whole Allergens					
Bumblebee	<i>Bombus terrestris</i>	i205	10	14-5270-01	C06
Common wasp (Yellow jacket)	<i>Vespula spp.</i>	i3	16	14-4525-01	CVA
European Paper Wasp	<i>Polistes dominulus</i>	i77	10	14-4527-01	CVB
European hornet	<i>Vespa crabro</i>	i75	10	14-4340-01	565
Honey bee	<i>Apis mellifera</i>	i1	16	14-4143-01	389
Paper wasp	<i>Polistes spp.</i>	i4	16	14-4526-01	CWX
White-faced hornet	<i>Dolichovespula maculata</i>	i2	16	14-4221-01	462
Yellow hornet	<i>Dolichovespula arenaria</i>	i5	16	14-4223-01	464
Whole Allergens for Research Use Only					
Asian hornet [§]	<i>Vespa velutina</i>	U1223	10	14-6085-10	E4J
Allergen Components					
rApi m 1 Phospholipase A2, Honey bee	<i>Apis mellifera</i>	i208	10	14-4987-01	CJ7
rApi m 2 Hyaluronidase, Honey bee	<i>Apis mellifera</i>	i214	10	14-6014-01	DUD
rApi m 3, Acid phosphatase, Honey bee	<i>Apis mellifera</i>	i215	10	14-6015-01	DUC
rApi m 5 Dipeptidyl peptidase, Honey bee	<i>Apis mellifera</i>	i216	10	14-6016-01	DUB
rApi m 10 Icarapin, Honey bee	<i>Apis mellifera</i>	i217	10	14-6004-01	DR0
rVes v 1 Phospholipase A1, Common wasp	<i>Vespula</i>	i211	10	14-4995-01	CMR
rVes v 5 Common wasp	<i>Vespula vulgaris</i>	i209	10	14-4992-01	CJ8
rPol d 5 Paper wasp	<i>Polistes dominulus</i>	i210	10	14-4994-01	CJ9
Allergen Components for Research Use Only					
sApi m 4* [§]	<i>Apis mellifera</i>	U1273	10	14-6126-10	ECH

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* Synthetic allergen

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Drugs					
Whole Allergens					
Amoxicilloyl		c6	16	14-4451-01	991
Ampicilloyl		c5	16	14-4450-01	990
Cefaclor		c7	10	14-5336-01	BP4
Chlorhexidine		c8	10	14-4926-01	C8S
Gelatin bovine		c74	10	14-4854-01	A2X
Insulin human		c73	10	14-4347-01	572
Penicilloyl G		c1	16	14-4164-01	409
Penicilloyl V		c2	16	14-4165-01	410
Pholcodine		c261	10	14-4975-01	CF6
Morphine		c260	10	14-4974-01	CF7
Suxamethonium (succinylcholine)		c202	10	14-5266-01	BRU
Whole Allergens for Research Use Only					
Pancreatin§		U523	10	14-5720-10	CYA
Penicillin minor determinant§		U233	10	14-5730-10	CY1
Polyhexanide§		U898	10	14-6097-10	E6Y
Protamine§		U1190	10	14-6002-10	DPV
Rocuronium§		U254	10	14-5717-10	CYD
Occupational					
Whole Allergens					
Cotton seed		k83	10	14-4366-01	591
Ethylene oxide		k78	10	14-4314-01	548
Ficus	<i>Ficus spp.</i>	k81	10	14-4365-01	590
Formaldehyde/Formalin		k80	10	14-4341-01	566
Isocyanate HDI (Hexamethylene diisocyanate)		k77	10	14-4313-01	547
Isocyanate MDI (Diphenylmethane diisocyanate)		k76	10	14-4312-01	546
Isocyanate TDI (Toluene diisocyanate)		k75	10	14-4311-01	545
Ispaghula		k72	10	14-4348-01	573
Latex	<i>Hevea brasiliensis</i>	k82	10	14-4511-01	BJ1
Phthalic anhydride		k79	10	14-4315-01	549
Sunflower seed		k84	10	14-4367-01	592
Whole Allergens for Research Use Only					
Peroxidase§		U395	10	14-5726-10	CY5
Allergen Components					
rHev b 1 Latex	<i>Hevea brasiliensis</i>	k215	10	14-5324-01	C20
rHev b 3 Latex	<i>Hevea brasiliensis</i>	k217	10	14-5326-01	C2A
rHev b 5 Latex	<i>Hevea brasiliensis</i>	k218	10	14-5327-01	C1Z
rHev b 6.02 Latex	<i>Hevea brasiliensis</i>	k220	10	14-5329-01	C22
rHev b 8 Profilin, Latex	<i>Hevea brasiliensis</i>	k221	10	14-5330-01	C1V
rHev b 11 Latex	<i>Hevea brasiliensis</i>	k224	10	14-5333-01	C29
nAna c 2 Bromelain, Pineapple	<i>Ananas comosus</i>	k202	10	14-5127-01	BT1
nAsp o 21 alpha-amylase	<i>Aspergillus oryzae</i>	k87	10	14-4370-01	595
nCar p 1 Papain, Papaya	<i>Carica papaya</i>	k201	10	14-5130-01	BT0
nGal d 4 Lysozyme, Egg	<i>Gallus spp.</i>	k208	10	14-5128-01	C0T

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ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Parasites					
Whole Allergens					
Anisakis		p4	16	14-4475-01	830
Ascaris		p1	16	14-4244-01	483
Miscellaneous					
Whole Allergens					
Cotton, crude fibers		o1	16	14-4476-01	831
nGal-alpha-1,3-Gal (alpha-Gal)		o215	10	14-5997-01	DPC
Thyroglobulin, bovine					
Mealworm	<i>Tenebrio molitor</i>	o211	10	14-5251-01	C3C
MUXF3 CCD, Bromelain		o214	10	14-5339-01	CJU
Seminal fluid		o70	10	14-4371-01	596
Streptavidin		o212	10	14-5320-01	BZV
Whole Allergens for Research Use Only					
Hemp§	<i>Cannabis sativa</i>	U901	10	14-5711-10	CYK
MBP (maltose binding protein)		Ro213	10	14-5334-10	BN3
Regional Mixes					
g6, w6, w9, w21, t3 <i>Phleum pratense</i> , <i>Artemisia vulgaris</i> , <i>Plantago lanceolata</i> , <i>Parietaria judaica</i> , <i>Betula verrucosa</i>		rx1	10	14-5193-01	BRN
d2, e1, e3, e5, m6 <i>Dermatophagoides farinae</i> , Cat dander, Horse dander, Dog dander, <i>Alternaria alternata</i>		rx2	10	14-5184-01	BPS
g2, g5, g17, w1, w9, w10 <i>Cynodon dactylon</i> , <i>Lolium perenne</i> , <i>Paspalum notatum</i> , <i>Ambrosia elatior</i> , <i>Plantago lanceolata</i> , <i>Chenopodium album</i>		rx3	10	14-5198-01	BTT
d1, e1, m3, i6 <i>Dermatophagoides pteronyssinus</i> , Cat dander, <i>Aspergillus fumigatus</i> , <i>Blattella germanica</i>		rx5	10	14-5246-01	BPT
t3, g6, w6, m2, m6 <i>Betula verrucosa</i> , <i>Phleum pratense</i> , <i>Artemisia vulgaris</i> , <i>Cladosporium herbarum</i> , <i>Alternaria alternata</i>		rx6	10	14-5322-01	BPU
d1, e1, e3, e5, e82 <i>Dermatophagoides pteronyssinus</i> , Cat dander, Horse dander, Dog dander, Rabbit epithelium		rx7	10	14-5323-01	BPW
Foods – Fruits & vegetables					
Whole Allergens					
Apple	<i>Malus x domestica</i>	f49	16	14-4220-01	461
Apricot	<i>Prunus armeniaca</i>	f237	10	14-4812-01	911
Asparagus	<i>Asparagus officinalis</i>	f261	10	14-5046-01	C0B
Aubergine, eggplant	<i>Solanum melongena</i>	f262	10	14-5047-01	BZZ
Avocado	<i>Persea americana</i>	f96	10	14-4346-01	571
Bamboo shoot	<i>Phyllostachys pubescens</i>	f51	16	14-4455-01	815
Banana	<i>Musa spp.</i>	f92	10	14-4334-01	561
Beetroot	<i>Beta vulgaris</i>	f319	10	14-5216-01	C1A
Blackberry	<i>Rubus fruticosus</i>	f211	10	14-5051-01	C0E
Blueberry	<i>Vaccinium myrtillus</i>	f288	10	14-5052-01	BTF
Broccoli	<i>Brassica oleracea var. italica</i>	f260	10	14-4841-01	AAD
Brussel sprouts	<i>Brassica oleracea var. gemmifera</i>	f217	10	14-5054-01	C1S

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ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Foods – Fruits & vegetables, cont'd					
Cabbage	<i>Brassica oleracea var. capitata</i>	f216	10	14-4814-01	913
Carrot	<i>Daucus carota</i>	f31	16	14-4210-01	451
Cauliflower	<i>Brassica oleracea var. botrytis</i>	f291	10	14-5060-01	C05
Celery	<i>Apium graveolens</i>	f85	10	14-4296-01	530
Cherry	<i>Prunus avium</i>	f242	10	14-4811-01	910
Cucumber	<i>Cucumis sativus</i>	f244	10	14-4839-01	AAB
Date	<i>Phoenix dactylifera</i>	f289	10	14-5068-01	BSF
Fennel, fresh	<i>Foeniculum vulgare</i>	f276	10	14-5071-01	BTG
Fig	<i>Ficus carica</i>	f328	10	14-5244-01	BSR
Garlic	<i>Allium sativum</i>	f47	16	14-4218-01	459
Grape	<i>Vitis vinifera</i>	f259	10	14-4809-01	908
Grapefruit	<i>Citrus paradisi</i>	f209	16	14-4431-01	680
Kiwi	<i>Actinidia deliciosa</i>	f84	10	14-4295-01	529
Lemon	<i>Citrus limon</i>	f208	10	14-4829-01	685
Lettuce	<i>Lactuca sativa</i>	f215	10	14-4813-01	912
Lime	<i>Citrus aurantifolia</i>	f306	10	14-5188-01	BTN
Mandarin (tangerine, clementine, satsumas)	<i>Citrus reticulata</i>	f302	10	14-5160-01	BPB
Mango	<i>Mangifera indica</i>	f91	10	14-4331-01	559
Melon	<i>Cucumis melo spp.</i>	f87	10	14-4298-01	532
Olive (black, fresh)	<i>Olea europaea</i>	f342	10	14-5279-01	C0F
Onion	<i>Allium cepa</i>	f48	16	14-4219-01	460
Orange	<i>Citrus sinensis</i>	f33	16	14-4129-01	377
Papaya	<i>Carica papaya</i>	f293	10	14-5089-01	BSG
Passion fruit	<i>Passiflora edulis</i>	f294	10	14-5091-01	C0W
Peach	<i>Prunus persica</i>	f95	10	14-4337-01	564
Pear	<i>Pyrus communis</i>	f94	10	14-4336-01	563
Persimon (kaki fruit, sharon)	<i>Diospyros kaki</i>	f301	10	14-5161-01	C2B
Pineapple	<i>Ananas comosus</i>	f210	10	14-4810-01	909
Plum	<i>Prunus domestica</i>	f255	10	14-4840-01	AAC
Potato	<i>Solanum tuberosum</i>	f35	16	14-4211-01	452
Pumpkin	<i>Cucurbita spp.</i>	f225	16	14-4433-01	705
Raspberry	<i>Rubus idaeus</i>	f343	10	14-5280-01	C09
Spinach	<i>Spinachia oleracea</i>	f214	16	14-4432-01	707
Strawberry	<i>Fragaria vesca</i>	f44	16	14-4216-01	457
Sweet potato	<i>Ipomea batatas</i>	f54	16	14-4458-01	823
Tomato	<i>Lycopersicon lycopersicum</i>	f25	16	14-4182-01	425
Watermelon	<i>Citrullus lanatus</i>	f329	10	14-5245-01	BSS
Whole Allergens for Research Use Only					
Cranberry	<i>Vaccinium oxycoccus</i>	Rf341	10	14-5269-10	AKT
Allergen Components					
rAct d 8 PR-10, Kiwi	<i>Actinidia deliciosa</i>	f430	10	14-4984-01	CG7
rApi g 1.01 PR-10, Celery	<i>Apium graveolens</i>	f417	10	14-4957-01	CBR
rMal d 1 PR-10, Apple	<i>Malus domestica</i>	f434	10	14-5703-01	CWR
rMal d 3 LTP, Apple	<i>Malus domestica</i>	f435	10	14-5704-01	CWS
rPru p 1 PR-10, Peach	<i>Prunus persica</i>	f419	10	14-4960-01	CBV
rPru p 3 LTP, Peach	<i>Prunus persica</i>	f420	10	14-4961-01	CBW
rPru p 4 Profilin, Peach	<i>Prunus persica</i>	f421	10	14-4962-01	CBX
rPru p 7 Peach	<i>Prunus persica</i>	f454	10	14-6086-01	E3Z

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Foods – Seeds, legumes & nuts					
Whole Allergens					
Almond	<i>Amygdalus communis</i>	f20	16	14-4179-01	422
Barley	<i>Hordeum vulgare</i>	f6	16	14-4172-01	415
Brazil nut	<i>Bertholletia excelsa</i>	f18	16	14-4178-01	421
Buckwheat	<i>Fagopyrum esculentum</i>	f11	16	14-4125-01	374
Cashew nut	<i>Anacardium occidentale</i>	f202	10	14-4835-01	997
Chick pea	<i>Cicer arietinus</i>	f309	10	14-5196-01	BTS
Coconut	<i>Cocos nucifera</i>	f36	16	14-4212-01	453
Common millet	<i>Panicum milliaceum</i>	f55	16	14-4459-01	813
Fenugreek	<i>Trigonella foenum-graecum</i>	f305	10	14-5187-01	C3D
Foxtail millet	<i>Setaria italica</i>	f56	16	14-4460-01	824
Gluten		f79	10	14-4291-01	525
Green bean	<i>Phaseolus vulgaris</i>	f315	10	14-5211-01	BSM
Hazel nut	<i>Corylus avellana</i>	f17	16	14-4528-01	D2F
Lentil	<i>Lens esculenta</i>	f235	10	14-4815-01	914
Lima bean	<i>Phaseolus lunatus</i>	f182	10	14-4929-01	CC3
Linseed	<i>Linum usitatissimum</i>	f333	10	14-5250-01	C13
Lupin seed	<i>Lupinus albus</i>	f335	10	14-5254-01	BST
Macadamia nut	<i>Macadamia spp.</i>	f345	10	14-5282-01	BTX
Maize, Corn	<i>Zea mays</i>	f8	16	14-4124-01	373
Oat	<i>Avena sativa</i>	f7	16	14-4173-01	416
Pea	<i>Pisum sativum</i>	f12	16	14-4176-01	419
Peanut	<i>Arachis hypogaea</i>	f13	16	14-4126-01	375
Pecan nut	<i>Carya illinoensis</i>	f201	10	14-4807-01	906
Pine nut, pignoles	<i>Pinus edulis</i>	f253	10	14-5093-01	BS3
Pistachio	<i>Pistacia vera</i>	f203	10	14-4836-01	998
Poppy seed	<i>Papaver somniferum</i>	f224	10	14-5097-01	BS1
Pumpkin seed	<i>Cucurbita pepo</i>	f226	10	14-5098-01	C1U
Quinoa	<i>Chenopodium quinoa</i>	f347	10	14-5284-01	C1T
Rape seed	<i>Brassica napus</i>	f316	10	14-5213-01	C10
Red kidney bean	<i>Phaseolus vulgaris</i>	f287	10	14-5100-01	BSE
Rice	<i>Oryza sativa</i>	f9	16	14-4174-01	417
Rye	<i>Secale cereale</i>	f5	16	14-4123-01	372
Sesame seed	<i>Sesamum indicum</i>	f10	16	14-4175-01	418
Soybean	<i>Glycine max</i>	f14	16	14-4115-01	364
Spelt wheat	<i>Triticum spelta</i>	f124	10	14-4914-01	BY6
Sugar-beet seed	<i>Beta vulgaris</i>	f227	10	14-5102-01	BTX
Sweet chestnut	<i>Castanea sativa</i>	f299	10	14-4843-01	AAF
Walnut	<i>Juglans spp.</i>	f256	16	14-4521-01	CME
Wheat	<i>Triticum aestivum</i>	f4	16	14-4113-01	363
White bean	<i>Phaseolus vulgaris</i>	f15	16	14-4177-01	420
Allergen Components					
rAna o 3 Cashew nut	<i>Anacardium occidentale</i>	f443	10	14-5760-01	D0W
rAra h 1 Peanut	<i>Arachis hypogaea</i>	f422	10	14-4963-01	CDF
rAra h 2 Peanut	<i>Arachis hypogaea</i>	f423	10	14-4964-01	CDG
rAra h 3 Peanut	<i>Arachis hypogaea</i>	f424	10	14-4965-01	CDH
rAra h 6 Peanut	<i>Arachis hypogaea</i>	f447	10	14-6041-01	DYU
rAra h 8 PR-10, Peanut	<i>Arachis hypogaea</i>	f352	10	14-5341-01	CEZ
rAra h 9 LTP, Peanut	<i>Arachis hypogaea</i>	f427	10	14-4980-01	CFC
rBer e 1 Brazil nut	<i>Bertholletia excelsa</i>	f354	10	14-5343-01	CDS
rCor a 1 PR-10, Hazel nut	<i>Corylus avellana</i>	f428	10	14-4981-01	CFB
rCor a 8 LTP, Hazel nut	<i>Corylus avellana</i>	f425	10	14-4968-01	CDP
nCor a 9, Hazel nut	<i>Corylus avellana</i>	f440	10	14-5758-01	D0M
rCor a 14, Hazel nut	<i>Corylus avellana</i>	f439	10	14-5754-01	CZP

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Foods – Seeds, legumes & nuts, cont'd					
rGly m 4 PR-10, Soy	<i>Glycine max</i>	f353	10	14-5340-01	CDR
nGly m 5 beta-conglycinin, Soy	<i>Glycine max</i>	f431	10	14-4990-01	CLV
nGly m 6 Glycinin	<i>Glycine max</i>	f432	10	14-4991-01	CLU
rJug r 1 Walnut	<i>Juglans regia</i>	f441	10	14-5762-01	D0T
rJug r 3 LTP, Walnut	<i>Juglans regia</i>	f442	10	14-5954-01	D11
rSes i 1 Sesame seed	<i>Sesamum indicum</i>	f449	10	14-6109-01	E7M
rTri a 14 LTP, Wheat	<i>Triticum aestivum</i>	f433	10	14-5701-01	CN6
rTri a 19 Omega-5 Gliadin, Wheat	<i>Triticum aestivum</i>	f416	10	14-4954-01	C8H
Gliadin		f98	10	14-5752-01	CXG

Foods – Spices

Whole Allergens					
Anise	<i>Pimpinella anisum</i>	f271	10	14-5044-01	BP9
Basil	<i>Ocimum basilicum</i>	f269	10	14-5048-01	BS7
Bay leaf	<i>Laurus nobilis</i>	f278	10	14-5049-01	BSC
Black pepper	<i>Piper nigrum</i>	f280	10	14-4817-01	916
Caraway	<i>Carum carvi</i>	f265	10	14-5057-01	BP8
Chili pepper	<i>Capsicum frutescens</i>	f279	10	14-5062-01	BSD
Clove	<i>Syzygium aromaticum</i>	f268	10	14-5064-01	BS6
Coriander	<i>Coriandrum sativum</i>	f317	10	14-5214-01	BSN
Dill	<i>Anethum graveolens</i>	f277	10	14-5069-01	C0S
Ginger	<i>Zingiber officinale</i>	f270	10	14-5072-01	BS8
Green pepper (unripe seed)	<i>Piper nigrum</i>	f263	10	14-5075-01	BS5
Lovage	<i>Levisticum officinale</i>	f275	10	14-5082-01	C2Z
Mace	<i>Myristica fragrans</i>	f266	10	14-5083-01	C2X
Marjoram	<i>Origanum majorana</i>	f274	10	14-5084-01	BSB
Mint	<i>Mentha piperita</i>	f332	10	14-5249-01	C1G
Mustard	<i>Brassica/Sinapis spp.</i>	f89	10	14-4329-01	557
Oregano	<i>Origanum vulgare</i>	f283	10	14-5088-01	BTJ
Paprika, Sweet pepper	<i>Capsicum annuum</i>	f218	10	14-4816-01	915
Parsley	<i>Petroselinum crispum</i>	f86	10	14-4297-01	531
Tarragon	<i>Artemisia dracunculoides</i>	f272	10	14-5103-01	BS9
Thyme	<i>Thymus vulgaris</i>	f273	10	14-5105-01	BSA
Vanilla	<i>Vanilla planifolia</i>	f234	10	14-5106-01	BS2
Whole Allergens for Research Use Only					
Cinnamon	<i>Cinnamomum spp.</i>	Rf220	10	14-5063-10	669
Nutmeg	<i>Myristica fragrans</i>	Rf282	10	14-5087-10	693

Foods – Fish, shellfish & mollusks

Whole Allergens					
Abalone	<i>Haliotis spp.</i>	f346	10	14-5283-01	BTY
Anchovy	<i>Engraulis encrasicolus</i>	f313	10	14-5209-01	BSL
Blue mussel	<i>Mytilus edulis</i>	f37	16	14-4213-01	454
Cat fish	<i>Ictalurus punctatus</i>	f369	10	14-4930-01	CC4
Chub mackerel	<i>Scomber japonicus</i>	f50	16	14-4454-01	812
Clam	<i>Ruditapes spp.</i>	f207	10	14-4820-01	919
Crab	<i>Chionoecetes spp.</i>	f23	16	14-4180-01	423
Crayfish	<i>Astacus astacus</i>	f320	10	14-5219-01	BSP
Eel	<i>Anguilla anguilla</i>	f264	10	14-5042-01	C26
Fish (cod)	<i>Gadus morhua</i>	f3	16	14-4159-01	404
Gulf flounder	<i>Paralichthys albigutta</i>	f147	10	14-4928-01	CC2
Haddock	<i>Melanogrammus aeglefinus</i>	f42	10	14-4939-01	CCC

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Foods – Fish, shellfish & mollusks, cont'd					
Hake	<i>Merluccius merluccius</i>	f307	10	14-5194-01	BTP
Halibut	<i>Hippoglossus hippoglossus</i>	f303	10	14-5158-01	BZX
Herring	<i>Clupea harengus</i>	f205	10	14-4837-01	999
Jack mackerel, Scad	<i>Trachurus japonicus</i>	f60	16	14-4464-01	827
Langust (spiny lobster)	<i>Palinurus spp.</i>	f304	10	14-5159-01	BTM
Lobster	<i>Homarus gammarus</i>	f80	10	14-4292-01	526
Mackerel	<i>Scomber scombrus</i>	f206	10	14-5019-01	BRY
Megrim	<i>Lepidorhombus whiffiagonis</i>	f311	10	14-5204-01	BSK
Octopus	<i>Octopus vulgaris</i>	f59	16	14-4463-01	826
Oyster	<i>Ostrea edulis</i>	f290	10	14-4842-01	AAE
Pacific squid	<i>Todarodes pacificus</i>	f58	16	14-4462-01	814
Plaice	<i>Pleuronectes platessa</i>	f254	16	14-4434-01	647
Pollock	<i>Pollachius virens</i>	f413	10	14-4936-01	CC9
Red snapper	<i>Lutjanus campechanus</i>	f381	10	14-4931-01	CC5
Salmon	<i>Salmo salar</i>	f41	16	14-4215-01	456
Sardine (Pilchard)	<i>Sardina pilchardus</i>	f308	10	14-5195-01	BTR
Sardine, Japanese Pilchard	<i>Sardinops melanosticta</i>	f61	16	14-4465-01	828
Scallop	<i>Pecten spp.</i>	f338	10	14-4895-01	BHN
Shrimp	<i>Pandalus borealis, Penaeus monodon, Metapenaeopsis barbata, Metapenaeus joyneri</i>	f24	16	14-4181-01	424
Snail	<i>Helix aspersa</i>	f314	10	14-5210-01	BU0
Sole	<i>Solea solea</i>	f337	10	14-5256-01	BTV
Squid	<i>Loligo spp.</i>	f258	10	14-5142-01	BS4
Swordfish	<i>Xiphias gladius</i>	f312	10	14-5205-01	C08
Tilapia	<i>Oreochromis spp.</i>	f414	10	14-4937-01	CCA
Trout	<i>Oncorhynchus mykiss (Salmo gairdneri)</i>	f204	10	14-4819-01	918
Tuna	<i>Thunnus albacares</i>	f40	16	14-4214-01	455
Walleye pike	<i>Sander vitreus (Stizostedion vitreum)</i>	f415	10	14-4938-01	CCB
Whitefish (Inconnu)	<i>Stenodus spp.</i>	f384	10	14-4932-01	CC6
Whole Allergens for Research Use Only					
Mahi-mahi§	<i>Coryphaena hippurus</i>	U510	10	14-5802-10	DAJ
Allergen Components					
rCyp c 1 Carp	<i>Cyprinus carpio</i>	f355	10	14-5344-01	CF0
rGad c 1 Cod	<i>Gadus morhua</i>	f426	10	14-4971-01	CEY
rPen a 1 Tropomyosin, Shrimp	<i>Penaeus aztecus</i>	f351	10	14-5335-01	C11

Foods – Egg & fowl**Whole Allergens**

Whole hen's egg	<i>Gallus spp.</i>	f245	10	14-4826-01	925
Egg white	<i>Gallus spp.</i>	f1	16	14-4111-01	361
Egg yolk	<i>Gallus spp.</i>	f75	16	14-4184-01	427
Chicken	<i>Gallus spp.</i>	f83	16	14-4185-01	428
Turkey meat	<i>Meleagris gallopavo</i>	f284	10	14-4818-01	917

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ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Foods – Egg & fowl, cont'd					
Allergen Components					
nGal d 1 Ovomucoid, Egg	<i>Gallus spp.</i>	f233	10	14-4805-01	904
nGal d 2 Ovalbumin, Egg	<i>Gallus spp.</i>	f232	10	14-4804-01	903
nGal d 3 Conalbumin, Egg	<i>Gallus spp.</i>	f323	10	14-5222-01	C18
Foods – Meat					
Whole Allergens					
Beef	<i>Bos spp.</i>	f27	16	14-4209-01	450
Mutton	<i>Ovis spp.</i>	f88	10	14-4299-01	533
Pork	<i>Sus spp.</i>	f26	16	14-4183-01	426
Rabbit	<i>Oryctolagus spp.</i>	f213	10	14-4838-01	AAA
Foods – Milk					
Whole Allergens					
Cheese, cheddar type		f81	10	14-4293-01	527
Cheese, mold type		f82	10	14-4294-01	528
Cow's whey	<i>Bos spp.</i>	f236	10	14-5114-01	BP6
Goat's milk		f300	10	14-5144-01	BSJ
Mare's milk	<i>Equus spp.</i>	f286	10	14-5109-01	C2K
Cow's milk	<i>Bos spp.</i>	f2	16	14-4112-01	362
Cow's milk, boiled	<i>Bos spp.</i>	f231	10	14-4806-01	905
Sheep's milk	<i>Ovis spp.</i>	f325	10	14-5237-01	C0C
Sheep's milk	<i>Ovis spp.</i>	f326	10	14-5238-01	C2U
Allergen Components					
nBos d 4 alpha-lactalbumin, Milk	<i>Bos spp.</i>	f76	10	14-4522-01	CTP
nBos d 5 beta-lactoglobulin, Milk	<i>Bos spp.</i>	f77	10	14-4523-01	CTR
nBos d 8 Casein, Milk	<i>Bos spp.</i>	f78	10	14-4524-01	CTS
Foods – Additives					
Whole Allergens					
Carob (E410)	<i>Ceratonia siliqua</i>	f296	10	14-5137-01	C0U
Guar, guar gum (E412)	<i>Cyamopsis tetragonolobus</i>	f246	10	14-5076-01	C0H
Gum arabic (E414)	<i>Acacia spp.</i>	f297	10	14-5138-01	BSH
Cochineal extract / Carmine red (E120)	<i>Dactylopius coccus</i>	f340	10	14-5268-01	C0V
Foods – Miscellaneous					
Whole Allergens					
Cacao	<i>Theobroma cacao</i>	f93	10	14-4335-01	562
Coffee	<i>Coffea spp.</i>	f221	10	14-5065-01	BRZ
Malt	<i>Hordeum vulgare</i>	f90	10	14-4330-01	558
Mushroom (champignon)	<i>Agaricus hortensis</i>	f212	10	14-5086-01	BTH
Tea	<i>Camellia sinensis</i>	f222	10	14-5104-01	BS0
Yeast	<i>Saccharomyces cerevisiae</i>	f45	16	14-4217-01	458

ImmunoCAP Allergens, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Food – Mixes					
f13, f17, f18, f20, f36 Peanut, Hazel nut, Brazil nut, Almond, Coconut		fx1	16	14-4206-01	447
f3, f24, f37, f40, f41 Fish, Shrimp, Blue mussel, Tuna, Salmon		fx2	16	14-4207-01	448
f4, f7, f8, f10, f11 Wheat, Oat, Maize, Sesame seed, Buckwheat		fx3	16	14-4208-01	449
f1, f2, f3, f4, f13, f14 Egg white, Milk, Fish, Wheat, Peanut, Soybean		fx5	16	14-4275-01	513
f25, f45, f47, f48, f85 Tomato, Yeast, Garlic, Onion, Celery		fx7	10	14-4844-01	AAG
f12, f15, f31, f35 Pea, White bean, Carrot, Potato		fx13	10	14-4848-01	AAL
f25, f214, f216, f218 Tomato, Spinach, Cabbage, Paprika		fx14	10	14-4849-01	AAM
f33, f49, f92, f95 Orange, Apple, Banana, Peach		fx15	10	14-4850-01	AAN
f44, f94, f208, f210 Strawberry, Pear, Lemon, Pineapple		fx16	10	14-4851-01	AAP
f49, f92, f94, f95 Apple, Banana, Pear, Peach		fx17	10	14-5179-01	BPE
f12, f13, f14 Pea, Peanut, Soybean		fx18	10	14-4852-01	AAR
f4, f5, f6, f9 Wheat, Rye, Barley, Rice		fx20	10	14-4853-01	AAS
f84, f87, f92, f95, f210 Kiwi, Melon, Banana, Peach, Pineapple		fx21	10	14-5206-01	BPG
f201, f202, f203, f256 Pecan nut, Cashew nut, Pistachio, Walnut		fx22	10	14-5212-01	BPH
f17, f24, f84, f92 Hazel nut, Shrimp, Kiwi, Banana		fx24	10	14-4856-01	A7F
f10, f45, f47, f85 Sesame seed, Yeast, Garlic, Celery		fx25	10	14-4857-01	A7G
f1, f2, f13, f89 Egg white, Cow's milk, Peanut, Mustard		fx26	10	14-4894-01	BEX
f3, f4, f14, f17 Fish (cod), Wheat, Soybean, Hazel nut		fx27	10	14-4893-01	BEW
f10, f24, f27, f84 Sesame seed, Shrimp, Beef, Kiwi		fx28	10	14-4892-01	BEV
f33, f208, f209, f302 Orange, Lemon, Grapefruit, Mandarin		fx29	10	14-4915-01	BY7
f84, f91, f92, f96, f293 Kiwi, Mango, Banana, Avocado, Papaya		fx30	10	14-4916-01	BY8
f49, f94, f95, f242, f255 Apple, Pear, Peach, Cherry, Plum		fx31	10	14-4917-01	BY9
f272, f274, f273, f275 Tarragon, Marjoram, Thyme, Lovage		fx70	10	14-4357-01	582
f265, f266, f267, f268 Caraway, Mace, Cardamom, Clove		fx71	10	14-4358-01	583
f26, f27, f83 Pork, Beef, Chicken		fx73	10	14-4825-01	924
f3, f205, f206, f254 Cod, Herring, Mackerel, Plaice		fx74	10	14-4827-01	926
f10, f17, f25, f84, f202 Sesame seed, Hazel nut, Tomato, Kiwi, Cashew nut		fx77	16	14-4988-01	CJ5

ImmunoCAP Allergen Components Quick Reference

ImmunoCAP Allergen Components measure specific IgE antibodies to individual molecular allergens in serum or plasma. These allergens, which are purified native or recombinant proteins, offer the unique opportunity to assess a person's allergic sensitization pattern at the molecular level. Different component groups often elicit different types of reactions, so testing them can indicate if a patient's prior symptoms or positive test results were caused by allergy to a given substance or by a cross-reaction with another allergen. Component testing also helps the clinician weigh a patient's risk of a systemic reaction versus a more mild or localized response.

Reference: Canonica GW, et al. World Allergy Organ J. 2013;6:17.

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Grass pollens					
nCyn d 1 Bermuda grass	<i>Cynodon dactylon</i>	g216	10	14-4972-01	CFA
rPhl p 1 Timothy	<i>Phleum pratense</i>	g205	10	14-5234-01	BSU
rPhl p 2 Timothy	<i>Phleum pratense</i>	g206	10	14-5235-01	C0K
nPhl p 4 Timothy	<i>Phleum pratense</i>	g208	10	14-5288-01	C0L
rPhl p 5b Timothy	<i>Phleum pratense</i>	g215	10	14-5338-01	BV3
rPhl p 6 Timothy	<i>Phleum pratense</i>	g209	10	14-5289-01	BSV
rPhl p 7 Timothy	<i>Phleum pratense</i>	g210	10	14-5290-01	BSW
rPhl p 11 Timothy	<i>Phleum pratense</i>	g211	10	14-5291-01	BSX
rPhl p 12 Profilin, Timothy	<i>Phleum pratense</i>	g212	10	14-5292-01	BSY
rPhl p 1, rPhl p 5b Timothy	<i>Phleum pratense</i>	g213	10	14-5312-01	BU1
rPhl p 7, rPhl p 12 Timothy	<i>Phleum pratense</i>	g214	10	14-5313-01	BU
Weed pollens					
nAmb a 1 Ragweed	<i>Ambrosia artemisiifolia</i> (A. elatior)	w230	10	14-4969-01	CF8
nArt v 1 Mugwort	<i>Artemisia vulgaris</i>	w231	10	14-4970-01	CF9
nArt v 3 LTP, Mugwort	<i>Artemisia vulgaris</i>	w233	10	14-4983-01	CJ2
rPar j 2 LPT, Wall pellitory	<i>Parietaria judaica</i>	w211	10	14-5311-01	C2M
rPla l 1 Plantain	<i>Plantago lanceolata</i>	w234	10	14-5751-01	D1H
nSal k 1 Saltwort	<i>Salsola kali</i>	w232	10	14-4978-01	CFE
Tree pollens					
rBet v 1 PR-10, Birch	<i>Betula verrucosa</i>	t215	10	14-5225-01	BPV
rBet v 2 Profilin, Birch	<i>Betula verrucosa</i>	t216	10	14-5226-01	BR1
rBet v 4 Birch	<i>Betula verrucosa</i>	t220	10	14-5287-01	BT7
rBet v 6 Birch	<i>Betula verrucosa</i>	t225	10	14-5345-01	CF1
rBet v 2, rBet v 4 Birch	<i>Betula verrucosa</i>	t221	10	14-5310-01	BU0
nCup a 1 Cypress	<i>Cupressus arizonica</i>	t226	10	14-4977-01	CFD
rOle e 1 Olive	<i>Olea europaea</i>	t224	10	14-5705-01	CTC
nOle e 7 LTP, Olive	<i>Olea europaea</i>	t227	10	14-4993-01	CKT
rOle e 9, Olive	<i>Olea europaea</i>	t240	10	14-4999-01	CTZ
rPla a 1 Maple leaf sycamore, London plane	<i>Platanus acerifolia</i>	t241	10	14-5957-01	D2H
Microorganisms					
rAlt a 1	<i>Alternaria alternata</i>	m229	10	14-5346-01	CE0
rAsp f 1	<i>Aspergillus fumigatus</i>	m218	10	14-5293-01	BPL
rAsp f 2	<i>Aspergillus fumigatus</i>	m219	10	14-5294-01	BPM
rAsp f 3	<i>Aspergillus fumigatus</i>	m220	10	14-5295-01	BT4
rAsp f 4	<i>Aspergillus fumigatus</i>	m221	10	14-5296-01	BPN
rAsp f 6	<i>Aspergillus fumigatus</i>	m222	10	14-5297-01	BPP

ImmunCAP Allergen Components Quick Reference, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Animals – Epidermals & proteins					
nBos d 6 BSA, Cow	<i>Bos spp.</i>	e204	10	14-5009-01	BRV
rCan f 1 Dog	<i>Canis familiaris</i>	e101	10	14-4955-01	CBN
rCan f 2 Dog	<i>Canis familiaris</i>	e102	10	14-4956-01	CBP
nCan f 3 Dog serum albumin	<i>Canis familiaris</i>	e221	10	14-5241-01	C14
rCan f 4 Dog	<i>Canis familiaris</i>	e229	10	14-5755-01	CZY
rCan f 5 Dog	<i>Canis familiaris</i>	e226	10	14-4998-01	CMZ
rCan f 6 Dog	<i>Canis familiaris</i>	e230	10	14-6081-01	E2X
rFel d 1 Cat	<i>Felis domesticus</i>	e94	10	14-4905-01	BY0
rFel d 2 Cat serum albumin	<i>Felis domesticus</i>	e220	10	14-5240-01	BRX
rFel d 4 Cat	<i>Felis domesticus</i>	e228	10	14-5702-01	CT9
rFel d 7 Cat	<i>Felis domesticus</i>	e231	10	14-6082-01	E2Y
rEqu c 1 Horse	<i>Equus caballus</i>	e227	10	14-5700-01	CN7
nSus s Pig serum albumin, Swine	<i>Sus scrofa</i>	e222	10	14-5242-01	C36
Research Use Only					
nGal d 5 Alpha-livetin, Chicken serum albumin [§]	<i>Gallus domesticus</i>	U770	10	14-5872-10	DCN
Mites					
rDer p 1 House dust mite	<i>Dermatophagoides Pteronyssinus</i>	d202	10	14-5996-01	DP4
rDer p 2 House dust mite	<i>Dermatophagoides Pteronyssinus</i>	d203	10	14-4967-01	CG2
rDer p 10 Tropomyosin, House dust mite	<i>Dermatophagoides Pteronyssinus</i>	d205	10	14-4985-01	CG5
rDer p 23 House dust mite	<i>Dermatophagoides Pteronyssinus</i>	d209	10	14-6040-01	DWU
Insects					
Research Use Only					
rBlo t 5 [§]	<i>Blomia tropicalis</i>	U1324	10	14-6103-10	E75
Insects – Venom					
rApi m 1 Phospholipase A2, Honey bee	<i>Apis mellifera</i>	i208	10	14-4987-01	CJ7
rApi m 2 Hyaluronidase, Honey bee	<i>Apis mellifera</i>	i214	10	14-6014-01	DUD
rApi m 3, Acid phosphatase, Honey bee	<i>Apis mellifera</i>	i215	10	14-6015-01	DUC
rApi m 5 Dipeptidyl peptidase, Honey bee	<i>Apis mellifera</i>	i216	10	14-6016-01	DUB
rApi m 10 Icarapin, Honey bee	<i>Apis mellifera</i>	i217	10	14-6004-01	DR0
rVes v 1 Phospholipase A1, Common wasp	<i>Vespula</i>	i211	10	14-4995-01	CMR
rVes v 5 Common wasp	<i>Vespula vulgaris</i>	i209	10	14-4992-01	CJ8
rPol d 5 Paper wasp	<i>Polistes dominulus</i>	i210	10	14-4994-01	CJ9
Research Use Only					
sApi m 4* [§]	<i>Apis mellifera</i>	U1273	10	14-6126-10	ECH

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* Synthetic allergen

ImmunoCAP Allergen Components Quick Reference, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Occupational – Latex					
rHev b 1 Latex	<i>Hevea brasiliensis</i>	k215	10	14-5324-01	C20
rHev b 3 Latex	<i>Hevea brasiliensis</i>	k217	10	14-5326-01	C2A
rHev b 5 Latex	<i>Hevea brasiliensis</i>	k218	10	14-5327-01	C1Z
rHev b 6.02 Latex	<i>Hevea brasiliensis</i>	k220	10	14-5329-01	C22
rHev b 8 Profilin, Latex	<i>Hevea brasiliensis</i>	k221	10	14-5330-01	C1V
rHev b 11 Latex	<i>Hevea brasiliensis</i>	k224	10	14-5333-01	C29
Occupational – Enzymes					
nAna c 2 Bromelain, Pineapple	<i>Ananas comosus</i>	k202	10	14-5127-01	BT1
nAsp o 21 alpha-amylase	<i>Aspergillus oryzae</i>	k87	10	14-4370-01	595
nCar p 1 Papain, Papaya	<i>Carica papaya</i>	k201	10	14-5130-01	BT0
nGal d 4 Lysozyme, Egg	<i>Gallus spp.</i>	k208	10	14-5128-01	C0T
Miscellaneous					
nGal-alpha-1,3-Gal (alpha-Gal) Thyroglobulin, bovine		o215	10	14-5997-01	DPC
MUXF3 CCD, Bromelain		o214	10	14-5339-01	CJU
Foods					
rAct d 8 PR-10, Kiwi	<i>Actinidia deliciosa</i>	f430	10	14-4984-01	CG7
rAna o 3 Cashew nut	<i>Anacardium occidentale</i>	f443	10	14-5760-01	D0W
rApi g 1.01 PR-10, Celery	<i>Apium graveolens</i>	f417	10	14-4957-01	CBR
rAra h 1 Peanut	<i>Arachis hypogaea</i>	f422	10	14-4963-01	CDF
rAra h 2 Peanut	<i>Arachis hypogaea</i>	f423	10	14-4964-01	CDG
rAra h 3 Peanut	<i>Arachis hypogaea</i>	f424	10	14-4965-01	CDH
rAra h 6 Peanut	<i>Arachis hypogaea</i>	f447	10	14-6041-01	DYU
rAra h 8 PR-10, Peanut	<i>Arachis hypogaea</i>	f352	10	14-5341-01	CEZ
rAra h 9 LTP, Peanut	<i>Arachis hypogaea</i>	f427	10	14-4980-01	CFC
rBer e 1 Brazil nut	<i>Bertholletia excelsa</i>	f354	10	14-5343-01	CDS
nBos d 4 alpha-lactalbumin, Milk	<i>Bos spp.</i>	f76	10	14-4522-01	CTP
nBos d 5 beta-lactoglobulin, Milk	<i>Bos spp.</i>	f77	10	14-4523-01	CTR
nBos d 8 Casein, Milk	<i>Bos spp.</i>	f78	10	14-4524-01	CTS
rCor a 1 PR-10, Hazel nut	<i>Corylus avellana</i>	f428	10	14-4981-01	CFB
rCor a 8 LTP, Hazel nut	<i>Corylus avellana</i>	f425	10	14-4968-01	CDP
nCor a 9, Hazel nut	<i>Corylus avellana</i>	f440	10	14-5758-01	D0M
rCor a 14, Hazel nut	<i>Corylus avellana</i>	f439	10	14-5754-01	CZP
rCyp c 1 Carp	<i>Cyprinus carpio</i>	f355	10	14-5344-01	CF0
rGad c 1 Cod	<i>Gadus morhua</i>	f426	10	14-4971-01	CEY
nGal d 1 Ovomucoid, Egg	<i>Gallus spp.</i>	f233	10	14-4805-01	904
nGal d 2 Ovalbumin, Egg	<i>Gallus spp.</i>	f232	10	14-4804-01	903
nGal d 3 Conalbumin, Egg	<i>Gallus spp.</i>	f323	10	14-5222-01	C18
rGly m 4 PR-10, Soy	<i>Glycine max</i>	f353	10	14-5340-01	CDR
nGly m 5 beta-conglycinin, Soy	<i>Glycine max</i>	f431	10	14-4990-01	CLV
nGly m 6 Glycinin	<i>Glycine max</i>	f432	10	14-4991-01	CLU
rJug r 1 Walnut	<i>Juglans regia</i>	f441	10	14-5762-01	D0T
rJug r 3 LTP, Walnut	<i>Juglans regia</i>	f442	10	14-5954-01	D11
rMal d 1 PR-10, Apple	<i>Malus domestica</i>	f434	10	14-5703-01	CWR
rMal d 3 LTP, Apple	<i>Malus domestica</i>	f435	10	14-5704-01	CWS
rPen a 1 Tropomyosin, Shrimp	<i>Penaeus aztecus</i>	f351	10	14-5335-01	C11
rPru p 1 PR-10, Peach	<i>Prunus persica</i>	f419	10	14-4960-01	CBV

ImmunocAP Allergen Components Quick Reference, cont'd

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Foods, cont'd					
rPru p 3 LTP, Peach	<i>Prunus persica</i>	f420	10	14-4961-01	CBW
rPru p 4 Profilin, Peach	<i>Prunus persica</i>	f421	10	14-4962-01	CBX
rPru p 7 Peach	<i>Prunus persica</i>	f454	10	14-6086-01	E3Z
rSes i 1 Sesame seed	<i>Sesamum indicum</i>	f449	10	14-6109-01	E7M
rTri a 14 LTP, Wheat	<i>Triticum aestivum</i>	f433	10	14-5701-01	CN6
rTri a 19 Omega-5 Gliadin, Wheat	<i>Triticum aestivum</i>	f416	10	14-4954-01	C8H
Gliadin		f98	10	14-5752-01	CXG

ImmunoCAP Antigens

These products are only for use with the ImmunoCAP Specific IgG method. Tests for specific IgG antibodies may be useful to investigate immune response to antigen exposure.

Common Name	Latin Name	Code	Size	Art. No.	Barcode
Microorganisms					
	<i>Saccharopolyspora rectivirgula</i> (<i>Micropolyspora faeni</i>)	Gm22	10	14-5302-01	BT9
	<i>Stachybotrys atra</i>	Gm24	10	14-5304-01	BTB
	<i>Laceyella sacchari</i>	Gm42	10	14-6135-01	EDB
Research Use Only					
	<i>Aspergillus versicolor</i> §	U1084	10	14-5941-10	CZZ
	<i>Cladosporium cladosporioides</i> §	U1085	10	14-5942-10	DER
	<i>Penicillium spp.</i> §	U1086	10	14-5943-10	DES
Mixes					
m1, Gm2, m4, Gm6	<i>Penicillium chrysogenum</i> , <i>Cladosporium herbarum</i> (<i>Hormodendrum</i>), <i>Mucor racemosus</i> , <i>Alternaria alternata</i>	Gmx6	10	14-5319-01	BU7
Animals – Epidermals & proteins					
Budgerigar serum proteins, feathers and droppings		Ge90	10	14-5316-01	BU4
Parrot serum proteins, feathers and droppings		Ge92	10	14-5317-01	BU5
Pigeon serum proteins		Ge93	10	14-5337-01	BU9
Pigeon serum proteins, feathers and droppings		Ge91	10	14-5315-01	BU3



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