

## CLA<sup>®</sup> Allergen-Specific IgE Assay 2009 Available Allergens

**HITACHI**  
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Hitachi Chemical Diagnostics offers a range of allergens in a unique allergy panel format. We currently offer more than 80 regional panels; each optimized to provide optimal diagnostic information.

Hitachi Chemical Diagnostics' unique allergen standardization procedure assures maximum product consistency and the presence of the clinically relevant allergenic proteins for optimal value.

Allergens are subject to change without notice as Hitachi Chemical Diagnostics continues to improve its product line.

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**Animal Epidermals**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Cat	felis domesticus	e1	50024
Cow*	bos taurus	e4	50217
Dog	canis familiaris	e5	50025
Gerbil Dander*	meriones unguiculatus	e209	52903
Guinea Pig Dander*	cavia porcellus	e6	52901
Hamster Dander*	cricketus cricketus	e84	52736
Horse	equus caballus	e3	52906
Mouse Dander*	mus musculus	e71	52904
Rabbit Dander*	oryctolagus cuniculus (dander)	e82	52911

**Environmental**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Latex	hevea brasiliensis	k82	54070

**Housedust and Mites**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Housedust	Hollister-Stier	h2	50022
Mite, farinae	dermatophagoides farinae	d2	50027
Mite, pteronyssinus	dermatophagoides pteronyssinus	d1	50028

**Foods**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Almond	prunus amygdalus	f20	50042
Apple	malus pumila	f49	50118
Avocado*	persea americana	f96	54047
Banana*	musa sapientum	f92	50180
Barley	hordeum vulgare	f6	50119
Bean White	phaseolus spp.	f15	50120
Bean, Garbanzo*	cicer arietinum (chick pea)	f159	54048
Beef	bos taurus	f27	50121
Carrot*	daucus carota	f31	50182
Casein*	casein	f78	54046
Celery*	apium graveolens	f85	54065
Cheese, Cheddar*	caseua	f81	50183
Chicken	gallus gallus/domesticus	f83	50123
Chocolate / Cacao	theobroma cacao	f93	50124
Clam*	mercenaria mercenaeia	f207	50050
Codfish*	gadus morhua	f3	50184
Corn	zea mays	f8	50044
Crab*	cancer magister	f23	50051
Egg White	N/A (chicken egg)	f1	50039
Egg Yolk	N/A (chicken egg)	f75	50125
Egg, Whole	N/A (white & yolk)	f245	50126
Garlic	allium sativum	f47	50127
Hazelnut*	corylus avellana	f17	50194
Lamb*	ovis aries	f88	54042

\* Not FDA Cleared

("Foods" continued on next page...)

**Foods (cont.)**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Milk	cow's milk	f2	50040
Mushroom*	pleurotus ostreatus	f32	50186
Oat	avena sativa	f7	50045
Olive, Black*	olea europea	f342	54063
Orange	citrus sinensis	f33	50048
Pea*	pisum sativum	f12	50193
Peach*	prunus persica	f95	54043
Peanut	arachis hypogaea	f13	50041
Pepper, Green*	capsicum annum	f218	50130
Pork	sus scrofa	f26	50131
Potato	solanum tuberosum	f35	50132
Rabbit*	oryctolagus cuniculus	f213	54064
Rice	oryza sativa	f9	50046
Rye*	secale cereale	f5	50188
Salmon*	salmo salar	f41	54045
Sesame Seed*	sesamun indicum	f10	54049
Shrimp*	penaeus sp.	f24	50052
Soybean	glycine max	f14	50043
Strawberry*	fragaria chiloensis	f44	54041
Tomato	lycopersicon esculentum	f25	50049
Tuna	thunnus sp.	f40	50133
Turkey*	meleagris gallopavo	f284	50191
Walnut*	juglans regia	f256	50192
Wheat	triticum aestivum	f4	50047
Yeast, Baker's	saccharomyces cerevisiae	f45	50134
Yeast, Brewer's*	saccharomyces cerevisiae	f155	54069

**Grasses**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Bahia Grass	paspalum notatum	g17	50142
Bermuda Grass	cynodon dactylon	g2	50011
Corn Pollen*	zea mays	g202	50221
Johnson Grass	sorghum halepense	g10	53004
Kentucky Blue Grass	poa pratensis	g8	50173
Meadow Fescue	festuca elatior	g4	50176
Oat Pollen*	avena sativa (elatior)	g14	50211
Orchard Grass/Cocksfoot	dactylis glomerata	g3	50175
Perennial Rye	lolium perenne	g5	50174
Reed*	phragmites australis (communis)	g7	50214
Rye, Cultivated	secale cereale	g12	51120
Sweet Vernal	anthoxanthum odoratum	g1	50171
Timothy Grass	phleum pratense	g6	50167
Velvet Grass	holcus lanatus	g13	50179
Wheat Pollen*	triticum aestivum	g15	50212

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**Molds**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Alternaria	alternaria alternata (tenuis)	m6	50026
Aspergillus	aspergillus fumigatus	m3	50136
Candida	candida albicans	m5	50073
Cladosporium	cladosporium herbarum	m2	50033
Epicoccum*	epicoccum purpurascens	m14	52805
Mucor*	mucor racemosus	m4	52802
Penicillium	penicillium notatum	m1	50074
Rhizopus*	rhizopus nigricans	m11	52811

**Trees**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Acacia	acacia longifolia	t19	50053
Alder, Black*	alnus glutinosa	t2	50215
Alder, White	alnus rhombifolia	t2	50148
Ash*	fraxinus excelsior	t25	50216
Ash, White	fraxinus americana	t15	50054
Aspen Quaking	populus tremuloides	t21	50084
Beech, American	fagus grandifolia (americana)	t5	50056
Birch, White	betula verrucosa	t3	50057
Box Elder, Maple	acer negundo	t1	50030
Cedar, Japanese*	cryptomeria japonica	t17	50276
Cedar, Mountain	juniperus sabinoides	t6	50034
Cottonwood, Black	populus trichocarpa	t14	50105
Cottonwood, Eastern	populus deltoides	t14	50085
Cottonwood, Fremont	populus fremontii	N/A	50106
Elm, White	ulmus americana	t8	50059
Eucalyptus	eucalyptus sp.	t18	50095
Hazelnut Pollen*	corylus avellana	t4	50060
Hickory, Shellbark	carya laciniata	N/A	50061
London Planetree	platanus acerifolia	t11	50143
Melaleuca	melaleuca leucadendron (quinquenervia)	t21	50096
Mesquite	prosopis juliflora	t20	50062
Mulberry*	morus rubra	t71	50063
Oak, White	quercus alba	t7	50031
Olive	olea europea	t9	50035
Privet	ligustrum vulgare	t210	50504
Sycamore, American	platanus occidentalis	t11	50066
Willow, Arroyo	salix lasiolepis	t62	50111
Willow, Black*	salix nigra	t32	50068

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**Weeds**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Burningbush (Firebush)	kochia scoparia	w17	50069
Cocklebur	xanthium commune (strumarium)	w13	50014
Dandelion	taraxacum officinale	w8	53076
English Plantain	plantago lanceolata	w9	50021
Goldenrod*	solidago virgaurea	w12	50201
Lamb's Quarters	chenopodium album	w10	50071
Marshelder, Rough	iva ciliata (annua)	w16	50072
Mugwort	artemesia vulgaris	w6	50089
Nettle	urtica dioica	w20	50146
Pellitory Wall	parietaria judaica	w21	53078
Pigweed	amaranthus retroflexus	w14	50019
Ragweed, False	franseria acanthicarpa (ambrosia acanthicarpa)	w4	50037
Ragweed, Short	ambrosia elatior	w1	50038
Ragweed, Western	ambrosia psilostachya	w2	50100
Rape*	brassica napus	w203	50213
Russian Thistle	salsola kali	w11	50016
Shadscale	atriplex confertifolia	N/A	50104
Sheep Sorrel	rumex acetosella	w18	50036
Waterhemp	acnida tamariscina	w39	50086

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**Mixes**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Ash Mix*	(tree)		50055
Ash, Arizona	fraxinus velutina	t33	
Ash, White	fraxinus americana	t15	
Birch, White	betula verrucosa	t3	
Atriplex Mix	(weed)		50081
Lenscale	atriplex lentiformis	w15	
Wingscale	atriplex canescens	N/A	
Shadscale	atriplex confertifolia	N/A	
Birch/Alder Mix	(tree)		50091
Birch, White	betula verrucosa	t3	
Alder, Mountain	alnus sinuata	t2	
Alder, White	alnus rhombifolia	t2	
Alder, Speckled	alnus incana	t2	
Burrobrush Mix	(weed)		50083
Burrobrush	hymenoclea monogyra	w41	
Burrobrush, White	hymenoclea salsola	w41	
Cabbage Mix*	(food)		50181
Broccoli	brassica oleracea var. italica	f260	
Cabbage	brassica oleracea var. capitata	f216	
Cauliflower	brassica oleracea var. botrytis	f291	
Cereal Mix I*	(food)		50090
Oat	avena sativa	f7	
Rice	oryza sativa	f9	
Cereal Mix II*	(food)		50108
Corn	zea mays	f8	
Oat	avena sativa	f7	
Rice	oryza sativa	f9	
Chenopod Mix II*	(weed)		50080
Russian Thistle	salsola kali	w11	
Lamb's Quarters	chenopodium album	w10	
Burningbush	kochia scoparia	w17	

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**Mixes (cont.)**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Citrus Mix*	(food)		54050
Orange	citrus sinensis	f33	
Lemon	citrus limon	f208	
Lime	citrus lima	f306	
Cockroach Mix	(insect)		50137
Cockroach, German	blattella germanica	i6	
Cockroach, American	periplaneta americana	i206	
Cocksfoot/Timothy Mix *	(grass)		50218
Cocksfoot	dactylis glomerata	g3	
Timothy Grass	phleum pratense	g6	
Cottonwood/Willow Mix*	(tree)		50706
Cottonwood, Black	populus trichocarpa	t14	
Cottonwood, Fremont	populus fremontii	N/A	
Cottonwood, Eastern	populus deltoides	t14	
Willow, Black	salix nigra	t12	
Willow, Arroyo	salix lasiolepis	N/A	
Ctnwd/Willow/Aspen Mix*	(tree)		50092
Cottonwood, Black	populus trichocarpa	t14	
Cottonwood, Fremont	populus fremontii	N/A	
Cottonwood, Eastern	populus deltoides	t14	
Aspen Quaking	populus tremuloides	t21	
Willow, Black	salix nigra	t12	
Dried Fruit Mix*	(food)		54053
Fig	ficus carica	f328	
Date	phoenix dactylifera	f289	
Apricot	prunis armeniaca	f237	
Elm Mix	(tree)		50009
Elm, White	ulmus americana	t8	
Chinese Elm	ulmus parvifolia	t38	
Fall Blooming Elm	ulmus crassifolia	t45	
Hackberry	celtis occidentalis	t44	
Feather Mix			52421
Chicken	gallus gallus/domesticus	e85	
Duck	anas platyrhyncu	e86	
Goose	anser anser	e70	

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**Mixes (cont.)**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Four Grass Mix*			50219
Orchard Grass/Cocksfoot	dactylis glomerata	g3	
Timothy Grass	phleum pratense	g6	
Perennial Rye	lolium perenne	g5	
Kentucky Blue Grass	poa pratensis	g8	
Grass Mix	(grass)		50032
Annual Blue Grass	poa annua	N/A	
Kentucky Blue Grass	poa pratensis	g8	
Meadow Fescue	festuca elatior	g4	
Orchard Grass/Cocksfoot	dactylis glomerata	g3	
Redtop Grass	agrostis alba	g19	
Perennial Rye	lolium perenne	g5	
Salt Grass	distichlis spicata	g100	
Sweet Vernal Grass	anthoxanthum odoratum	g1	
Timothy Grass	phleum pratense	g6	
Hazelnut Mix	(tree)		50058
Hazelnut	corylus avellana	t4	
California Hazelnut	corylus californica	N/A	
Mint Mix*	(food)		54062
Oregano	origanum sp.	f283	
Sage	salvia sp.	f344	
Mint	mentha sp.	f332	
Basil	ocimum sp.	f269	
Mulberry Mix	(tree)		50004
White Mulberry	morus alba	t70	
Red Mulberry	morus rubra	t204	
Oak Mix	(tree)		50002
California Live Oak	quercus agrifolia	N/A	
White Oak	quercus alba	t7	
California Black Oak	quercus kelloggii	N/A	
Scrub Oak	quercus dumosa	N/A	
Gambel Oak	quercus gambelli	N/A	
Western White Oak	quercus garryana	N/A	

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**Mixes (cont.)**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Olive/Privet/Ash Mix	(tree)		50005
Olive	olea europea	t9	
Privet	ligustrum vulgare	t210	
Ash, Arizona	fraxinus velutina	t33	
Ash, White	fraxinus americana	t15	
Onion Mix	(food)		50128
White Onion	allium cepa	f48	
Yellow Onion	allium cepa	f48	
Pepper/Tomato Mix*	(food)		50187
Pepper, Green	capsicum annuum	f218	
Tomato	lycopersicon esculentum / lycopersicum	f25	
Pigweed Mix*	(weed)	w14	50079
Pigweed	amaranthus retroflexus	w82	
Careless Weed	amaranthus palmeri		
Pine Mix	(tree)	N/A	50147
Lodgepole Pine	pinus contorta	N/A	
Austrian Black Pine	pinus nigra	N/A	
Yellow Ponderosa Pine	pinus ponderosa	N/A	
Virginia Scrub Pine	pinus virginiana		
Poplar Mix*	(tree)	t14	50705
Cottonwood, Black	populus trichocarpa	N/A	
Cottonwood, Fremont	populus fremontii	t14	
Cottonwood, Eastern	populus deltoides		
Ragweed Mix I	(weed)	w1	50075
Ragweed, Short	ambrosia elatior/artemisiifolia	w3	
Ragweed Giant	ambrosia trifida		
Ragweed Mix II	(weed)	w2	50013
Ragweed, Western	ambrosia psilostachya	w4	
Ragweed, False	ambrosia acanthicarpa (franseria acanthicarpa)		
Raisin Mix*	(food)	f179	50185
Purple Raisin	vitis sp.	f179	
Yellow Raisin	vitis sp.		

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**Mixes (cont.)**

<i>Common Name</i>	<i>Latin Name</i>	<i>NCCLS Code</i>	<i>Part #</i>
Rumex Mix	(weed)		50020
Sheep Sorrel	rumex acetosella	w18	
Curly Dock	rumex crispus	w21	
Sagebrush Mix	(weed)		50093
Costal Sage	artemisia californica	N/A	
Mugwort	artemisia vulgaris	w6	
Wormwood	artemisia absinthium	w24	
Shellfish Mix	(food)		50078
Clam	mercenairia mercenaria	f207	
Crab	cancer magister	f23	
Shrimp	penaeus sp.	f24	
Squash Mix*	(food)		50189
Zucchini	cucurbita pepo	f118	
Yellow Squash	cucurbita maxima	f135	
Acorn Squash	cucurbita var. pepo	f135	
Sugar Mix*	(food)		50190
Sugar Beet	beta vulgaris	f227	
Cane Sugar	saccharum officinarum	f21	
Sycamore Mix	(tree)		50008
California Sycamore	platanus racemosa	t11	
American Sycamore	platanus occidentalis	t11	
Three Trees Mix*	(tree)		50220
Black Alder	alnus glutinosa	t2	
Birch, White	betula verrucosa	t3	
Hazelnut	corylus avellana	t4	
Vegetable Mix	(food)		50129
Tomato	lycopersicon esculentum / lycopersicum	f25	
Pepper, Green	capsicum annum	f218	
Zucchini	cucubita pepo	f118	
Broccoli	brassica oleracea var italicia	f260	
Walnut/Hickory/Pecan Mix	(tree)		50003
Black Walnut	juglans californica	t10	
English Walnut	juglans regia	t91	
Bitternut Hickory	carya cordiformis	N/A	
Shellbark Hickory	carya laciniosa	N/A	
Shagbark Hickory	carya ovata	N/A	
White Hickory	carya tomentosa (alba)	t41	
Pecan	carya illinoensis	t22	

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