

ImmunoCAP™ Specific IgE Testing

Available at Cole Diagnostics



Cole Diagnostics offers:

ImmunoCAP™ Specific IgE testing, a simple blood test that aids in the diagnosis of allergic disease. Anyone presenting with allergy like symptoms is a candidate for specific IgE blood testing, and NIH guidelines recommend allergy testing for at least those patients that are on daily medication for their asthma symptoms.¹

Specific IgE blood testing can easily be performed irrespective of:^{2,3}

- Patient age⁵
- Skin condition
- Medication
- Disease activity
- Pregnancy status

Whole Allergen

ImmunoCAP Specific IgE Whole Allergen tests measure IgE antibodies to a specific allergen in human serum or plasma and allows quantitative measurements of a wide range of individual allergens and allergen components. More than 550 whole allergens and mixes, including environmental and food triggers, are available for testing.^{5*}

*All allergens may not be commercially available in the United States.

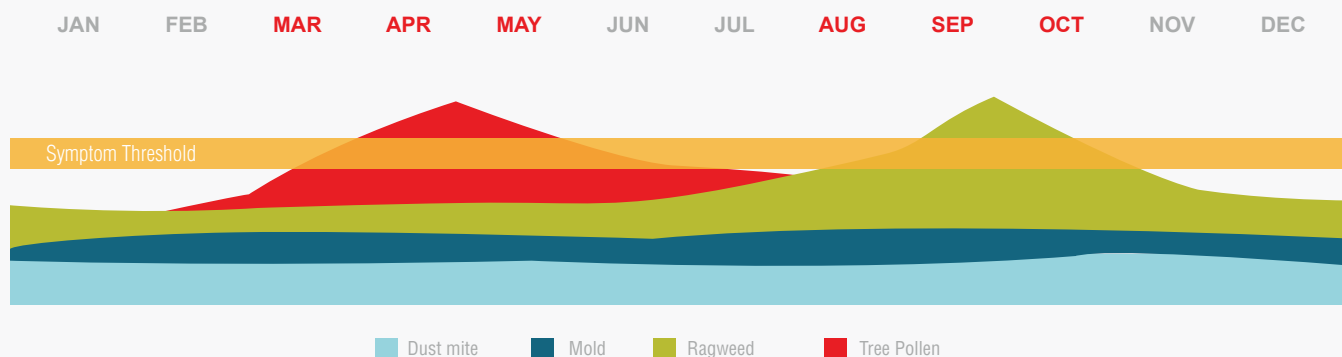
ImmunoCAP Specific IgE Allergen Component tests measure specific IgE antibodies to individual molecular allergens in serum or plasma. Different component groups often elicit different types of reactions, so testing for them can help indicate true allergy vs. cross-reactivity, a patient's risk of systemic vs. localized reaction⁶, and more.

The Symptom Threshold

Up to 90 percent of patients with allergies are sensitized to more than one allergen.⁷ The effect is cumulative: an individual patient may have a number of triggers, which when combined, may lead to symptoms.⁴ This is known as the symptom threshold. Identifying all the relevant sensitizing allergens will help you outline a comprehensive exposure reduction plan to keep your patient below their symptom threshold.

Allergen Components

Managing a patient's symptoms is about their allergic sensitizations — even the ones that are hidden.



ImmunoCAP Profiles

Specimen recommended 5mL of serum or plasma

Allergens can be ordered individually, or as a panel with or without reflex options.

RESPIRATORY ALLERGY PANEL

CODE: RESP_PRO

6020-2	Alternaria Alternata (Tenuis) IgE Ab
6025-1	Aspergillus Fumigatus IgE Ab
6041-8	Bermuda Grass IgE Ab
7155-5	Boxelder IgE Ab
6059-0	Candida Albicans IgE Ab
6833-8	Cat Dander IgE Ab, with reflex
6075-6	Cladosporium Herbarum IgE Ab
6078-0	Cockroach (German) IgE Ab
6085-5	Common Ragweed IgE Ab
6090-5	Cottonwood IgE Ab
6098-8	Dog Dander IgE Ab, with reflex
6109-3	Elm IgE Ab
15284-3	Grey Alder IgE Ab
6178-8	Mountain Juniper (Cedar) IgE Ab
6181-2	Mouse Urine Proteins IgE Ab
6183-8	Mugwort IgE Ab
6192-9	Olive Tree (European) IgE Ab
6212-5	Penicillium Chrysogenum (Notatum) IgE Ab
7604-2	Pigweed IgE Ab
6234-9	Russian Thistle IgE Ab
6244-8	Sheep Sorrel IgE Ab
6265-3	Timothy Grass IgE Ab
6281-0	White Mulberry IgE Ab
6189-5	White Oak IgE Ab
19113-0	Total IgE (Immunoglobulin E), Serum

MILK COMPONENTS ALLERGY PANEL

CODE: MILK

7445-0	Lactalbumin Alpha IgE Ab
41397-1	Beta Lactoglobulin IgE Ab
7182-9	Casein IgE Ab

HAZELNUT COMPONENTS ALLERGY PANEL

CODE: HAZ_PRO

69421-6	Hazelnut recombinant (rCor a) 1 IgE Ab
58753-5	Hazelnut recombinant (rCor a) 8 IgE Ab
6136-6.2	Hazelnut recombinant (rCor a) 9 IgE Ab
81788-2	Hazelnut recombinant (rCor a) 14 IgE Ab

FOOD ALLERGY PANEL

CODE: FA_PRO

6019-4	Almond IgE Ab
6718-1	Cashew Nut IgE Ab
6082-2	Codfish IgE Ab
6087-1	Corn IgE Ab
7258-7	Cow's Milk IgE Ab, with reflex
6106-9	Egg White IgE Ab, with reflex
6136-6	Hazelnut IgE Ab, with reflex
6166-3	Malt IgE Ab, Serum
6206-7	Peanut IgE Ab, with reflex
6220-8	Potato IgE Ab
6230-7	Rice IgE Ab
6237-2	Salmon IgE Ab
7691-9	Scallop IgE Ab
6242-2	Sesame Seed IgE Ab
6246-3	Shrimp IgE Ab
6248-9	Soybean IgE Ab
6257-0	Strawberry IgE Ab
6266-1	Tomato IgE Ab
6270-3	Tuna IgE Ab
6273-7	Walnut IgE Ab
6276-0	Wheat IgE Ab
19113-0	Total IgE (Immunoglobulin E), Serum

PEANUT COMPONENTS ALLERGY PANEL

CODE: PEAN

58779-0	Peanut Recombinant (rAra h) 1 IgE Ab
58778-2	Peanut Recombinant (rAra h) 2 IgE Ab
58777-4	Peanut Recombinant (rAra h) 3 IgE Ab
90880-6	Peanut Recombinant (rAra h) 6 IgE Ab
63477-4	Peanut Recombinant (rAra h) 8 IgE Ab
64965-7	Peanut Recombinant (rAra h) 9 IgE Ab

EGG WHITE COMPONENTS ALLERGY PANEL

CODE: EGG

7556-4	Ovalbumin IgE Ab
7557-2	Ovomucoid IgE Ab

EARLY CHILDHOOD ALLERGY PANEL

CODE: CA_PRO

6020-2	Alternaria Alternata (Tenuis) IgE Ab
6833-8	Cat Dander IgE Ab, with reflex
6075-6	Cladosporium Herbarum IgE Ab
6078-0	Cockroach (German) IgE Ab
6082-2	Codfish IgE Ab
7258-7	Cow's Milk IgE Ab, with reflex
6095-4	D. Farinae Dust Mite IgE Ab
6096-2	D. Pteronyssinus Dust Mite IgE Ab
6098-8	Dog Dander IgE Ab, with reflex
6106-9	Egg White IgE Ab, with reflex
6181-2	Mouse Urine Proteins IgE Ab
6206-7	Peanut IgE Ab, with reflex
6246-3	Shrimp IgE Ab
6248-9	Soybean IgE Ab
6273-7	Walnut IgE Ab
6276-0	Wheat IgE Ab
19113-0	Total IgE (Immunoglobulin E), Serum

CAT DANDER COMPONENTS ALLERGY PANEL

CODE: CAT_PRO

64975-6	Cat recombinant (rFel d) 1 IgE Ab
6833-8.2	Cat recombinant (rFel d) 2 IgE Ab
64976-4	Cat recombinant (rFel d) 4 IgE Ab
94278-9	Cat recombinant (rFel d) 7 IgE Ab

DOG DANDER COMPONENTS ALLERGY PANEL

CODE: DOG_PRO

58773-3	Dog recombinant (rCan f) 1 IgE Ab
58772-5	Dog recombinant (rCan f) 2 IgE Ab
6098-8.2	Dog recombinant (rCan f) 3 IgE Ab
82543-0	Dog recombinant (rCan f) 4 IgE Ab
64973-1	Dog recombinant (rCan f) 5 IgE Ab
94277-1	Dog recombinant (rCan f) 6 IgE Ab

1. National Heart, Lung, and Blood Institute. Expert Panel Report 3: Guidelines for the Diagnosis and Management of Asthma. Full Report 2007. 2. Siles RI, Hsieh FH. Allergy blood testing: A practical guide for clinicians. Cleve Clin J Med. 2011;78(9):585-592. 3. Heinzerling L, Mari A, Bergmann KC, et al. The skin prick test - European standards. Clin Transl Allergy. 2013;3(1):3. Published 2013 Feb 1. doi:10.1186/2045-7022-3-3. 4. Wickman M. When allergies complicate allergies. Allergy. 2005;60 (Suppl 79):14-18. 5. Matsui, E. et al. Indoor Environmental Control Practices and Asthma Management. Pediatrics. 2016;138(5):e20162589. 6. PhadiaTM ImmunoCAPTM Specific IgE Directions for Use for the Phadia 250 Laboratory System. Issued October 2019. 7. Ciprandi, G. et al. Characteristics of patients with allergic polysensitization; the polismat study. Eur Ann Allergy Clin Immunol. 2008;40 (3):77-83.