

ImmunoCAP™ Specific IgE Testing

Available at Cheyenne Regional Medical Center



Cheyenne Regional Medical Center 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.

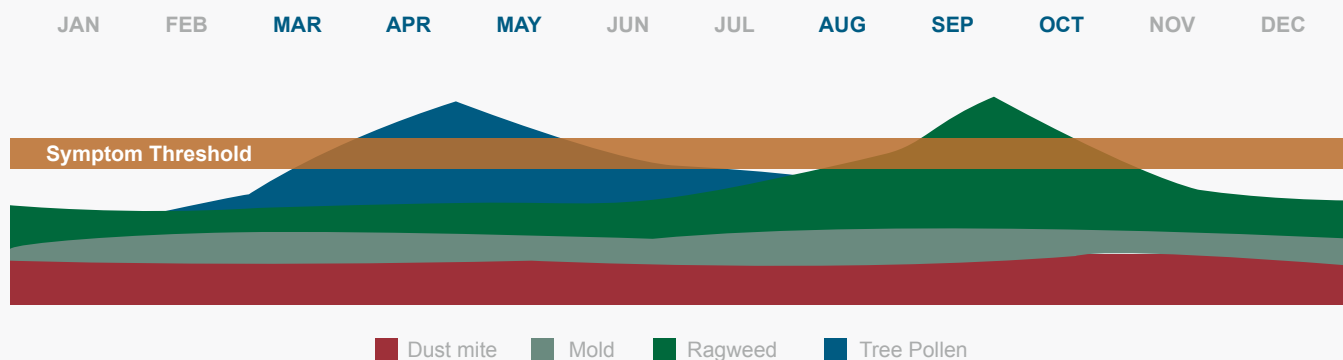
Allergen Components

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.

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 PROFILE REGION 11

LAB8036	
ALTERNARIA ALTERNATA IGE	LAB8037
ASPERGILLUS FUMIGATUS IGE	LAB8038
CLADOSPORIUM HERBARUM IGE	LAB8039
PENICILLIUM CHRYSOGENUM IGE	LAB8040
CAT DANDER IGE	LAB8041
DOG DANDER IGE	LAB8042
MOUSE URINE PROTEINS IGE	LAB8043
DERMATOPHAGOIDES	LAB8044
PTERONYSSINUS IGE	
DERMATOPHAGOIDES FARINAE IGE	LAB8045
COCKROACH, GERMAN IGE	LAB8046
BERMUDA GRASS IGE	LAB8047
TIMOTHY GRASS IGE	LAB8048
MAPLE (BOX-ELDER) IGE	LAB8049
COTTONWOOD IGE	LAB8050
GREY ALDER IGE	LAB8051
MOUNTAIN JUNIPER IGE	LAB8052
OAK IGE	LAB8053
MULBERRY IGE	LAB8054
ELM IGE	LAB8055
OLIVE IGE	LAB8056
COMMON RAGWEED IGE	LAB8057
SALTWORT(PRICKLY) RUSSIAN	LAB8058
THISTLE IGE	
COMMON PIGWEED IGE	LAB8059
SHEEP SORREL IGE	LAB8060
MUGWORT IGE	LAB8061
TOTAL IGE	*not orderable outside of panel

FOOD ALLERGY PROFILE

LAB8062	
PEANUT IGE	LAB8064
HAZEL NUT IGE	LAB8065
BRAZIL NUT IGE	LAB8066
CASHEW NUT IGE	LAB8067
WALNUT IGE	LAB8068
ALMOND IGE	LAB8069
MILK IGE	LAB8070
EGG WHITE IGE	LAB8071
WHEAT IGE	LAB8072
SESAME SEED IGE	LAB8073
SOYA BEAN IGE	LAB8074
FISH(COD) IGE	LAB8075
SALMON IGE	LAB8076
TUNA IGE	LAB8077
SHRIMP IGE	LAB8078
SCALLOP IGE	LAB8079
NGLIADIN, WHEAT	LAB8080

FOOD ALLERGY PROFILE W/ REFLEX

LAB8063	
PEANUT IGE	LAB8064
HAZEL NUT IGE	LAB8065
BRAZIL NUT IGE	LAB8066
CASHEW NUT IGE	LAB8067
WALNUT IGE	LAB8068
ALMOND IGE	LAB8069
MILK IGE	LAB8070
EGG WHITE IGE	LAB8071
WHEAT IGE	LAB8072
SESAME SEED IGE	LAB8073
SOYA BEAN IGE	LAB8074
FISH(COD) IGE	LAB8075
SALMON IGE	LAB8076
TUNA IGE	LAB8077
SHRIMP IGE	LAB8078
SCALLOP IGE	LAB8079
NGLIADIN, WHEAT	LAB8080

PEANUT ALLERGEN REFLEX PANEL

LAB8081	
Allergen component rAra h 8	not orderable
Allergen component rAra h 1	not orderable
Allergen component rAra h 2	not orderable
Allergen component rAra h 3	not orderable
Allergen component rAra h 9	not orderable
Allergen Component rAra h 6	not orderable

TREE NUT ALLERGEN REFLEX PANEL

LAB8082	
Allergen component rBer e 1, Brazil nut	not orderable
Allergen component rCor a 8, Hazelnut	not orderable
Allergen component rCor a 1, Hazelnut	not orderable
Allergen Component rCor a 14, Hazelnut	not orderable
Allergen Component nCor a 9, Hazelnut	not orderable
Allergen Component rJug r 1, Walnut	not orderable
Allergen Component rJug r 3, Walnut	not orderable
Allergen Component rAna o 3, Cashew nut	not orderable

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 polismail study. Eur Ann Allergy Clin Immunol. 2008;40 (3):77-83.