

BIOREFERENCE OFFERS IMMUNOCAP SPECIFIC IGE TESTING PROFILES

ImmunoCAP™ Specific IgE testing is a simple blood test that aids in identifying specific environmental and/or food allergens that are contributory to allergic disorders. Anyone presenting with allergy like symptoms is a candidate for specific IgE blood testing, and National Institute of Health (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 Total IgE measures the total amount of circulating IgE in the blood. Total IgE levels are an aid to healthcare professionals in diagnosing IgE associated allergic disorders. 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.

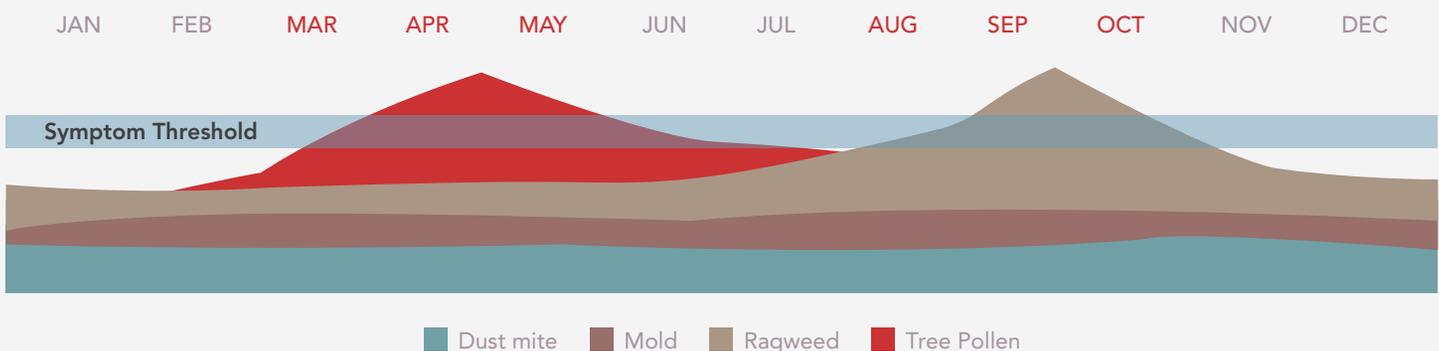
ALLERGEN COMPONENTS

ImmunoCAP Specific IgE Allergen Component tests measure specific IgE antibodies to specific allergens in serum or plasma. There are eight major food allergens: milk, eggs, fish, crustacean shellfish, tree nuts, peanuts, wheat and soybeans. 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: 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

TEST BENEFITS

- ImmunoCAP profiles can improve the ability to assess risk for systemic allergic reactions, leading to more targeted treatment and/or guidance for specialist referrals.
- Full color report clearly identifies patient's sensitization to each specific allergen.
- Treatment management tools (such as previous test results and highlighted abnormalities on the test report) promote patient engagement and treatment compliance.

With ImmunoCAP testing, you have the necessary information to help evaluate your patient's risk of potential reaction. See below for test options available at BioReference.

RESPIRATORY PROFILES*	
Regional Respiratory Profiles target environmental allergens specific to the region.	
Specimen Requirements: 2 Full SSTs	
Storage Instructions: Refrigerate	
Turnaround Time: 3 Days**	
Region 1	6823-9
Region 2	6824-7
Region 3	6825-4
Region 4	6826-2
Region 10	6827-0
Region 11	K908-4
Region 12	6828-8
Region 13	6820-5
Region 14	6821-3
Region 17	6822-1

Visit www.bioreference.com for more information on ImmunoCAP allergy testing options available at BioReference.

FOOD PROFILE*		
Test Code: K426-7		
Specimen Requirements: 2 Full SSTs		
Storage Instructions: Refrigerate		
Turnaround Time: 3 Days**		
CAP CODE	ALLERGEN TYPE	INDIVIDUAL TEST CODE
f1	Egg white	0671-8
f2	Cow's milk	0672-6
f3	Cod fish	0840-9
f4	Wheat	0673-4
f10	Sesame	0936-5
f13	Peanut	0674-2
f14	Soybean	0680-9
f17	Hazelnut	1404-3
f20	Almond	0815-1
f24	Shrimp	0696-5
f40	Tuna	0698-1
f41	Salmon	0714-6
f202	Cashew	1412-6
f256	Walnut	1479-5
f338	Scallop	2543-7
Total IgE		0996-9

CHILDHOOD ALLERGY PROFILE*		
Test Code: K726-0		
Specimen Requirements: 2 Full SSTs		
Storage Instructions: Refrigerate		
Turnaround Time: 3 Days**		
CAP CODE	ALLERGEN TYPE	INDIVIDUAL TEST CODE
d1	D. pteronyssinus	0715-3
d2	D. farinae	1372-2
e1	Cat dander	0665-0
e5	Dog dander	0664-3
e72	Mouse urine	1360-7
f1	Egg white	0671-8
f2	Milk	0672-6
f3	Cod fish	0840-9
f4	Wheat	0673-4
f13	Peanut	0674-2
f14	Soybean	0680-9
f24	Shrimp	0696-5
f256	Walnut	1479-5
i6	Cockroach	0716-1
m2	Cladosporium herbarum	0661-9
m6	Alternaria alternate	0660-1
Total IgE		0996-9

REFERENCES

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

*Allergens can be ordered individually, or as panel with or without reflex options. Any tests ordered must be medically necessary for treatment or diagnosis. For Medicare/Medicaid patients, individual tests must be ordered.

**TAT is based upon receipt of the specimen at the laboratory.

FOOD ALLERGY PROFILE WITH REFLEX TO MILK AND PEANUT*	
Test Code: K361-6	
Specimen Requirements: 2 Full SSTs	
Storage Instructions: Refrigerate	
Turnaround Time: 3 Days**	
<i>If sensitization occurs for milk or peanut in Childhood Allergy Panel, then component testing for the allergen(s) will be performed</i>	
PEANUT	Peanut RARA H1 Allergen IgE Peanut RARA H2 Allergen IgE Peanut RARA H3 Allergen IgE Peanut RARA H6 Allergen IgE Peanut RARA H8 Allergen IgE Peanut RARA H9 Allergen IgE
MILK	Alpha Lactalbumin Allergen IgE Beta Lactoglobulin Allergen IgE Casein Allergen IgE