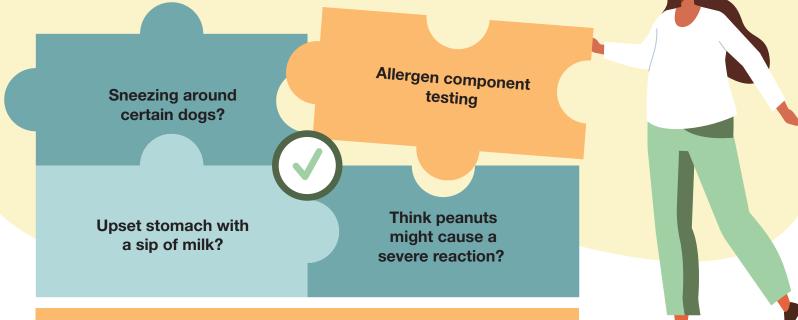
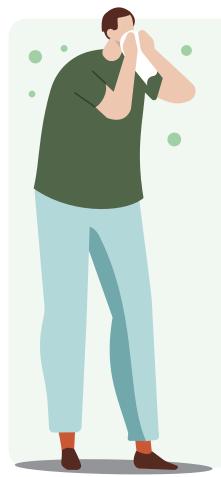
Solving the Puzzle

GET THE FULL PICTURE ABOUT YOUR ALLERGIES



Allergen component testing can help complete the allergy puzzle.



A blood test with whole allergens can provide information on whether you are sensitized to a "whole" allergen – like peanuts, cats, milk, dogs, eggs, etc. But that's not the full story.

Allergens are made up of multiple proteins, however, you may only be sensitized to one of the proteins within a whole allergen. Allergen component testing looks for the specific proteins you're reacting to, which can help improve diagnosis and symptom management.¹



Nearly 50% of people who think they have a food allergy aren't actually allergic²



Up to 83% of children with a milk allergy can tolerate baked milk³



Up to 75% of children with an egg allergy can tolerate baked egg³



Up to 58% of patients with a dog allergy may be reacting to proteins found only in male dogs⁴

• Why test for allergen components? •

Putting together all the pieces of the puzzle by understanding what is truly causing symptoms, as well as understanding the risk for severe reactions, can help you make safe choices in everyday life.



Pets

You thought you were allergic to cats and dogs, but it turns out you can tolerate a female dog.



You thought you had a severe peanut allergy, but it turns out you have a birch tree allergy instead and can eat all the peanut butter you want.



Stinging Insects

You thought you had a severe allergy to wasps, but it turns out it's an allergy only to bees and you don't have to panic around wasps.

A specific IgE blood test with allergen components can help determine what's really going on.



77% of patients with a positive whole peanut test result may not be at risk for a severe reaction⁵



Up to 65% of patients with a grass allergy will also be sensitized to wheat but may not have a true wheat allergy⁶



Over 30% of people tested, are positive for alpha-Gal. Alpha-Gal syndrome is a red meat allergy caused by tick bites.⁷



50% of children who are allergic to one tree nut are also allergic to another tree nut⁸

Ask your healthcare provider if allergen component testing can improve your symptom management.

References

- 1. Canonica, G.W., Ansotegui, I.J., Pawankar, R. et al. A WAO ARIA GA²LEN consensus document on molecular-based allergy diagnostics. World Allergy Organ J 6, 1–17 (2013). https://doi.org/10.1186/1939-4551-6-17
- 2. Gupta RS, Warren CM, Smith BM, et al. Prevalence and Severity of Food Allergies Among US Adults. JAMA Netw Open. 2019;2(1):e185630. doi:10.1001/jamanetworkopen.2018.5630
- 3. De Boer R, Cartledge N, Lazenby S, Tobias A, Chan S, Fox AT, Santos AF. Specific IgE as the best predictor of the outcome of challenges to baked milk and baked egg. J Allergy Clin Immunol Pract. 2020 Apr;8(4):1459-1461.e5. doi: 10.1016/j.jajp.2019.10.039. Epub 2019 Nov 11. PMID: 31726233; PMCID: PMC7152794.
- 4. Schoos AM, Nwaru BI, Borres MP. Component-resolved diagnostics in pet allergy: Current perspectives and future directions. J Allergy Clin Immunol. 2021 Apr;147(4):1164-1173. doi: 10.1016/j.jaci.2020.12.640. Epub 2021 Jan 11. PMID: 33444632.
- Nicolaou N, Poorafshar M, Murray C, Simpson A, Winell H, Kerry G, Härlin A, Woodcock A, Ahlstedt S, Custovic A. Allergy or tolerance in children sensitized to peanut: prevalence and differentiation using component-resolved diagnostics. J Allergy Clin Immunol. 2010 Jan;125(1):191-7.e1-13. doi: 10.1016/j.jaci.2009.10.008. PMID: 20109746.
- 6. NEED TO CONFIRM STAT IN ONE OF THE PAYWALL ARTICLES
- Thompson JM, Carpenter A, Kersh GJ, Wachs T, Commins SP, Salzer JS. Geographic Distribution of Suspected Alpha-gal Syndrome Cases United States, January 2017–December 2022. MMWR Morb Mortal Wkly Rep 2023;72:815–820. DOI: http://dx.doi.org/10.15585/mmwr.mm7230a2
- 8. https://www.foodallergy.org/living-food-allergies/food-allergy-essentials/common-allergens/tree-nut