

PEANUT ZOOMER



Which Patients Need the Peanut Zoomer?

Conditions and symptoms associated with peanut sensitivities include:

- Symptoms resembling IBS
- Autism (*peanut sensitivity can worsen irritability, hyperactivity and repetitive behaviors in children with autism*)
- Presence of other food sensitivities and allergies
- Family history of sensitivities and allergies to peanuts
- Eczema



Clinical Connections and Facts About Peanut Sensitivity

While peanut allergy is well understood, peanut sensitivity is not as well studied. Some current theories currently suggest that early sensitization to peptides in peanuts may lead to greater risk for allergic response in some individuals.

The Vibrant Peanut Zoomer can aid in assessing clinical risk and need for dietary adjustment for individuals at higher risk for peanut sensitivity and provides further insight into peanut sensitivity.

- Evaluate both IgG and IgA to a wide spectrum of peanut peptides which are major causes of peanut sensitivity
- Early detection of peanut sensitivity may reduce the risk of developing into an allergy and identifying a proper individualized dietary management plan
- Vibrant's Peanut Zoomer panel includes the most recently identified peptides in the peanut proteome



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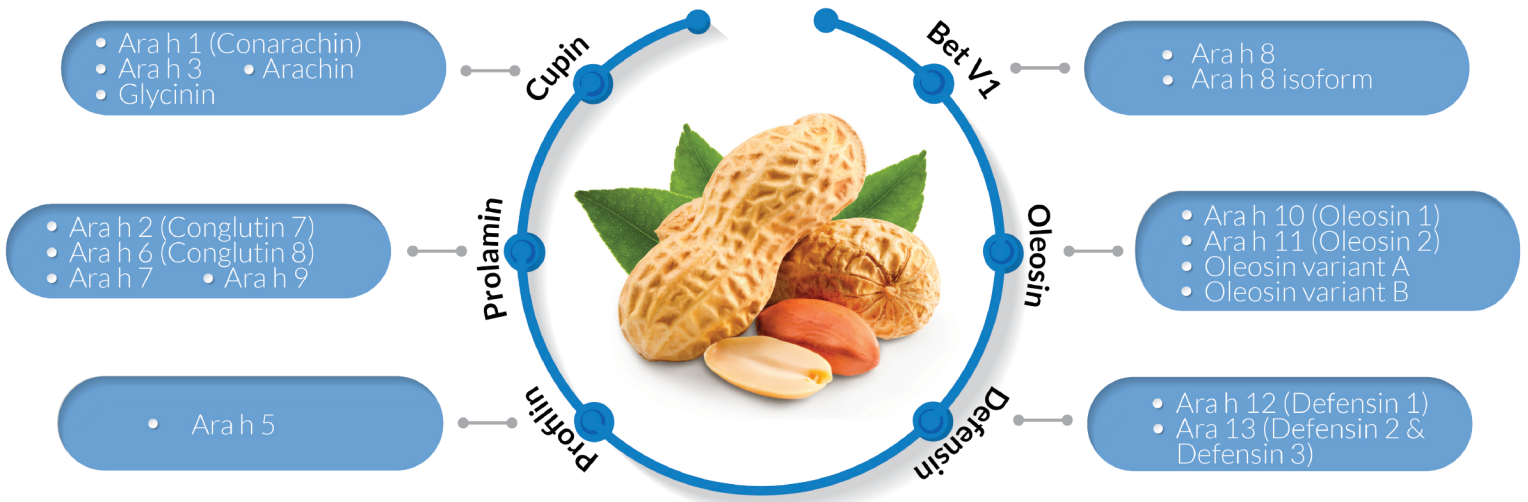


What Does the Peanut Zoomer Include?

The Peanut Zoomer includes the following antibodies, testing for both IgG and IgA:

Family	Antigen	Description
Cupin	Ara h 1 (Conarachin), Ara h 3, Glycinin, Arachin	Storage protein
Prolamin	Ara h 2 (Conglutin 7), Ara h 6 (Conglutin 8), Ara h 7	Storage protein
	Ara h 9	Lipid transfer protein
Profilin	Ara h 5	Highly cross reactive with pollens
Bet v-1	Ara h 8, Ara h 8 isoform	Cross reactive with pollens
Oleosin	Ara h 10 (Oleosin 1), Ara h 11 (Oleosin 2), Oleosin variant A, Oleosin variant B	Protein oil body
Defensin	Ara h 12 (Defensin 1), Ara 13 (Defensin 2 & Defensin 3)	Defense against bacteria and fungi

¹ Esparham AE, Smith T, Belmont JM, et al. Nutritional and Metabolic Biomarkers in Autism Spectrum Disorders: An Exploratory Study. *Integrative Medicine: A Clinician's Journal*. 2015;14(2):40-53.



Regulatory Statement

The general wellness test intended uses relate to sustaining or offering general improvement to functions associated with a general state of health while making reference to diseases or conditions. This test has been laboratory developed and its performance characteristics determined by Vibrant America LLC, a CLIA and CAP certified laboratory performing the test. The test has not been cleared or approved by the U.S. Food and Drug Administration (FDA). Although FDA does not currently clear or approve laboratory-developed tests in the U.S., certification of the laboratory is required under CLIA to ensure the quality and validity of the tests.

