

The gold standard of accuracy in the lab industry

The Vibrant Soy Zoomer detects antibodies to primary soy antigens and sensitivity to GMO and non-GMO soy.

Soy Zoomer Markers List

Antigen	Associations
Gly m 1	Principle antigen in soybean dust-related sensitivities; can permeate mucosal membranes of the respiratory tract and induce asthma-like symptoms
Gly m 2	Also associated with soybean dust-related sensitivities and may induce asthma-like symptoms upon inhalation
Gly m 3	An antigenic protein in soy that is denatured during cooking and fermentation
Gly m 4	A major soy antigen that can produce sensitivity reactions in the gastrointestinal tract, respiratory mucosa, and skin, with severe reactions resulting in anaphylaxis; the protein is somewhat heat labile, but susceptible to denaturation in fermentation; Gly m 4 also has some degree of cross-reactivity with birch pollen
Gly m 5	A soy protein with homology to the peanut antigen Ara h 1, which may produce cross-reactivity in peanut sensitive individuals
Gly m 6	A soy protein with homology to the peanut antigen Ara h 3, which may produce cross-reactivity in peanut sensitive individuals
Gly m 7	A heat-resistant antigen in soy with cross-reactivity to peanut antigens
Gly m 8	A highly predictive antigen in soy used to detect allergic response in sensitized individuals, and may also be highly specific to soy sensitivity
Cry1Ac GMO protein	A pesticidal crystal protein antigen found specifically in genetically modified (GM) soy
Gly m Bd 30k	A soy antigen specifically found in high rates in soy sensitive individuals with atopic dermatitis
Kunitz soybean trypsin inhibitor	A potent soy antigen that can induce anaphylaxis in allergic sensitized individuals; in individuals with soy sensitivity, however, symptom severity is unknown

Published 1/6/2023