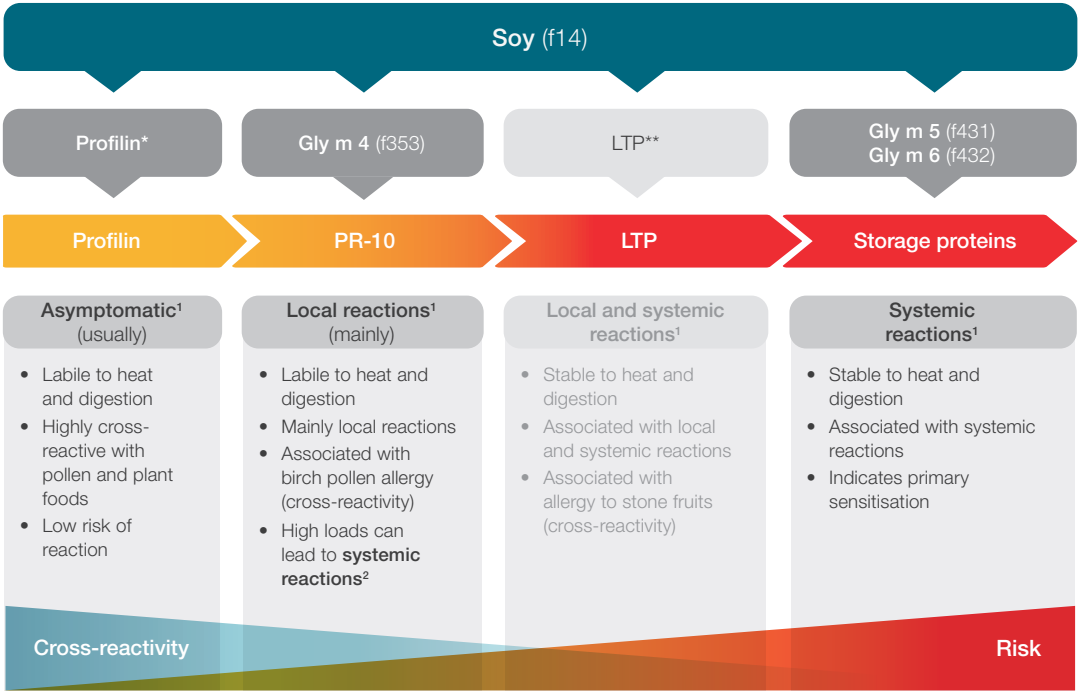
Soy allergy

ImmunoCAP™ Specific IgE tests

ThermoFisher SCIENTIFIC

ImmunoCAP™ Whole Allergen

ImmunoCAP™ Allergen Components



* Surrogate markers for profilin: Phl p 12, Bet v 2 or Pru p 4 ** No LTP referenced for soy in the WHO/IUIS

Good to know!

Up to 10% of all patients with birch sensitisation may also be at risk of reactions to soy, including risk of systemic reaction, especially when consuming less processed soy products.[3]

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Soy (f14)	PR-10 Gly m 4#	Storage proteins Gly m 5 / Gly m 6	Interpreting results*	Management considerations
+/−	+/−	+	**High risk of severe, systemic symptoms**[4-6] Primary soy allergy is likely. Potential high risk of severe systemic symptoms.	• Soy avoidance • Consider, in context of other risk factors, prescription of an adrenaline autoinjector
+/−	+	−	**Risk of local and systemic reactions**[3,7] Mainly local reaction, however high loads can lead to systemic reactions.	• Soy avoidance • Consider confirming the soy allergen load, especially if the patient is sensitised to Bet v 1. Check for possible consumption of unprocessed soy in drinks (soy milk) and dietary protein powders
+	−	−	If all components of the algorithm are negative and f14 is positive, the patient could be sensitised to an untested allergen.[1]	

* Results should always be interpreted in the context of the clinical history # Gly m 4 content can be very low in soy extract-based tests. Therefore tests with Gly m 4 allergen component is recommended as supplement to testing with whole allergen.[2]

References: 1. Dramburg S, et al. Pediatr Allergy Immunol 2023;34(Suppl 28):e13854. **2.** Kosma P, et al. Acta Paediatr 2011;100(2):305-306. **3.** Mittag D, et al. J Allergy Clin Immunol 2004;113:148–154. **4.** Holzhauser, T, et al. J Allergy Clin Immunol 2009;123(2);452-458. **5.** Ito T, et al. J Allergy Clin Immunol 2010;125;2(Suppl 1):AB88. **6.** Kleine-Tebbe, J. and Jakob, T. 2017. Editors: Molecular Allergy Diagnostics. Springer International Publishing Switzerland. **7.** Ebisawa M, et al. J Allergy Clin Immunol 2013;132:976-978 e1-5.

Official product names: ImmunoCAP Allergen f14, Soybean; ImmunoCAP Allergen f431, Allergen component nGly m 5 beta-conglycinin, Soy; ImmunoCAP Allergen f432, Allergen component nGly m 6 Glycinin, Soy; ImmunoCAP Allergen f353, Allergen component rGly m 4 PR-10, Soy

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