

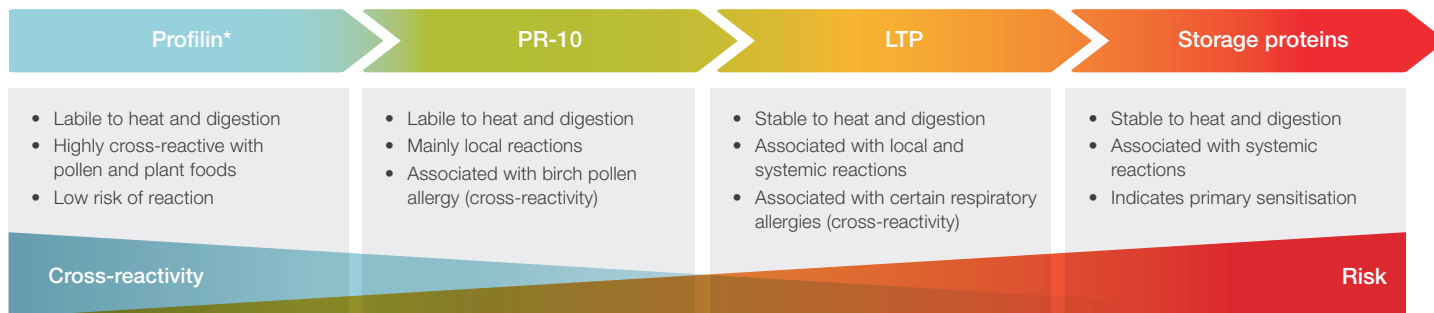
Plant food allergen components

ImmunoCAP™ Specific IgE tests

ImmunoCAP™ Allergen Components	Profilin*	PR-10	LTP	Storage proteins	Others†
ImmunoCAP™ Whole Allergens	Asymptomatic¹ (usually)	Local reactions¹ (mainly)	Local and systemic reactions¹	Systemic reactions¹	
Peanut (f13)	Profilin*	Ara h 8 (f352)	Ara h 9 (f427)	Ara h 1 (f422) Ara h 2 (f423) Ara h 3 (f424) Ara h 6 (f447)	
Hazelnut (f17)	Profilin*	Cor a 1 (f428)	Cor a 8 (f425)	Cor a 9 (f440) Cor a 14 (f439)	
Walnut** (f256)	Profilin*		Jug r 3 (f442)	Jug r 1 (f441)	
Cashew nut*** (f202)	Profilin*			Ana o 2**** Ana o 3 (f443)	
Brazil nut (f18)	Profilin*			Ber e 1 (f354)	
Soy (f14)	Profilin*	Gly m 4 (f353)		Gly m 5 (f431) Gly m 6 (f432)	
Sesame (f10)	Profilin*			Ses i 1 (f449)	
Buckwheat (f11)				Fag e 2****	
Kiwi (f84)	Profilin*	Act d 8 (f430)			Act d 1 / Act d 2 / Act d 5****
Apple (f49)	Profilin*	Mal d 1 (f434)	Mal d 3 (f435)		
Peach (f95)	Pru p 4 (f421)	Pru p 1 (f419)	Pru p 3 (f420)		Pru p 7 (f454)
Celery (f85)	Profilin*	Api g 1 (f417)			
Wheat (f4)	Profilin*		Tri a 14 (f433)	Tri a 19 (f416) Gliadin (f98)	
Results should always be interpreted in the context of the clinical history.	Cross-reactivity			Risk	

† Act d 1 --> cysteine protease, Act d 2 --> thaumatin-like protein, Act d 5--> defense protein, Pru p 7--> gibberellin-regulated protein (GRP), Tri a 19 --> Omega-5 gliadin

Risk stratification



* Surrogate markers for profilin: Phl p 12, Bet v 2 or Pru p 4. ** Patients sensitised to pecan are very likely to be sensitised to walnut and vice versa. Jug r 1 and Jug r 3 may therefore be used as a risk markers for both pecan and walnut allergy.¹ *** Patients sensitised to pistachio are very likely to be sensitised to cashew nut and vice versa. Ana o 3 may therefore be used as a risk marker for both pistachio and cashew nut allergy.¹ **** ImmunoCAP ISAC[®] test only

References: 1. Dramburg et al. *Pediatr Allergy Immunol.* 2023;34 Suppl 28:e13854.

Official product names: ImmunoCAP Allergen f17, Hazelnut; ImmunoCAP Allergen f428, Allergen component rCor a 1 PR-10 Hazelnut; ImmunoCAP Allergen f425, Allergen component rCor a 8 Hazelnut; ImmunoCAP Allergen f440, Allergen component rCor a 9 Hazelnut; ImmunoCAP Allergen f439, Allergen component rCor a 14 Hazelnut; ImmunoCAP Allergen f256, Walnut; ImmunoCAP Allergen f441, Allergen component rJug r 1 Walnut; ImmunoCAP Allergen f442, Allergen component rJug r 3 LTP, Walnut; ImmunoCAP Allergen f18, Brazil nut; ImmunoCAP Allergen f354, Allergen component rBer e 1 Brazil nut; ImmunoCAP Allergen f202, Cashew nut; ImmunoCAP Allergen f443, Allergen component rAna o 3, Cashew nut; ImmunoCAP Allergen f13, Peanut; ImmunoCAP Allergen f422, Allergen component rAra h 1 Peanut; ImmunoCAP Allergen f423, Allergen component rAra h 2 Peanut; ImmunoCAP Allergen f424, Allergen component rAra h 3 Peanut; ImmunoCAP Allergen f447, Allergen component rAra h 6 Peanut; ImmunoCAP Allergen f352, Allergen component rAra h 8 PR-10, Peanut; ImmunoCAP Allergen f427, Allergen component rAra h 9 L TP, Peanut; 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 ImmunoCAP Allergen f10, Sesame seed; ImmunoCAP Allergen f449, Allergen Component rSes i 1 Sesame seed. ImmunoCAP Allergen f95, Peach; ImmunoCAP Allergen f419, Allergen component rPru p 1 PR-10, Peach; ImmunoCAP Allergen f420, Allergen component rPru p 3 LTP; Peach; ImmunoCAP Allergen f421, Allergen component rPru p 4 Profilin, Peach; ImmunoCAP Allergen f454, Allergen component rPru p 7 Peach ImmunoCAP Allergen f4, Wheat; ImmunoCAP Allergen f416, Allergen component rTri a 19 Omega-5 Gliadin, Wheat; ImmunoCAP Allergen f433, Allergen component rTri a 14 LTP, Wheat, ImmunoCAP Allergen f49, Apple, ImmunoCAP Allergen f85, Celery, ImmunoCAP Allergen f434, Allergen component rMal d 1 PR-10, Apple, ImmunoCAP Allergen f435, Allergen component rMal d 3 LTP, Apple, ImmunoCAP Allergen f430, ImmunoCAP Allergen f84, Kiwi, Allergen component rAct d 8 PR-10, Kiwi ImmunoCAP Allergen f417, Allergen component rApi g 1 PR-10, Celery, ImmunoCAP Allergen f98, Gliadin

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