Cashew nut allergy

ImmunoCAP™ Specific IgE tests

Thermo Fisher

ImmunoCAP™ Whole Allergen

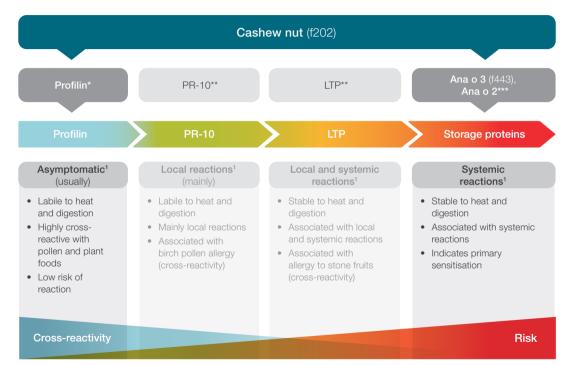
ImmunoCAP™ Allergen Components

EAACI 2023 guidelines

In patients with a history of suspected IgE-mediated allergy to cashew, specific IgE to Ana o 3 is recommended in addition to skin prick test and/or IgE to extract.²

Cashew nut and pistachio are closely related and highly cross-reactive^{1,3}

Ana o 3 is a good predictor for clinical reactivity to cashew & pistachio nut.^{4,5}



^{*} Surrogate markers for profilin: Phl p 12, Bet v 2 or Pru p 4 ** No PR-10 and LTP referenced for cashew nuts in the WHO/IUIS *** ImmunoCAP ISAC_{E112}; test only



Cashew nut	Storage protein Ana o 3	Interpreting results*	Management considerations ¹⁻⁷
+ /-	+	High risk of severe, systemic symptoms ¹⁻⁷	 Primary sensitisation to cashew nut Pistachio potential co-sensitisation, Ana o 3 is a diagnostic tool also for pistachio allergy Consider prescription of an adrenaline autoinjector
+	_	If all components of the algorithm are negative and f202 is positive, the patient could be sensitised to an untested allergen such as profilins, cross-reactive carbohydrate determinants (CCD) or other allergens.	

^{*} Results should always be interpreted in the context of the clinical history.

References: 1. Dramburg S, et al. Pediatr Allergy Immunol. 2023;34 Suppl 28:e13854. 2. Santos AF, et al. Allergy. 2023 3. Van der Valk JMP, et al. Clin Exp Allergy 2016;47:113–120. 4. Lange L, et al. Allergy 2017;72(4):598-603. 5. Savvatianos S, et al. J Allergy Clin Immunol 2015;136(1):192-5. 6. Robotham JM, et al. J Allergy Clin Immunol 2005;115(6):1284-1290. 7. Kleine-Tebbe J, et al. Springer International Publishing Switzerland 2017. ISBN 978-3-319-42499-6 (e Book).

Official product names: ImmunoCAP Allergen f202, Cashew nut; ImmunoCAP Allergen f443, Allergen component rAna o 3, Cashew nut



Learn more at thermofisher.com/allergencomponents