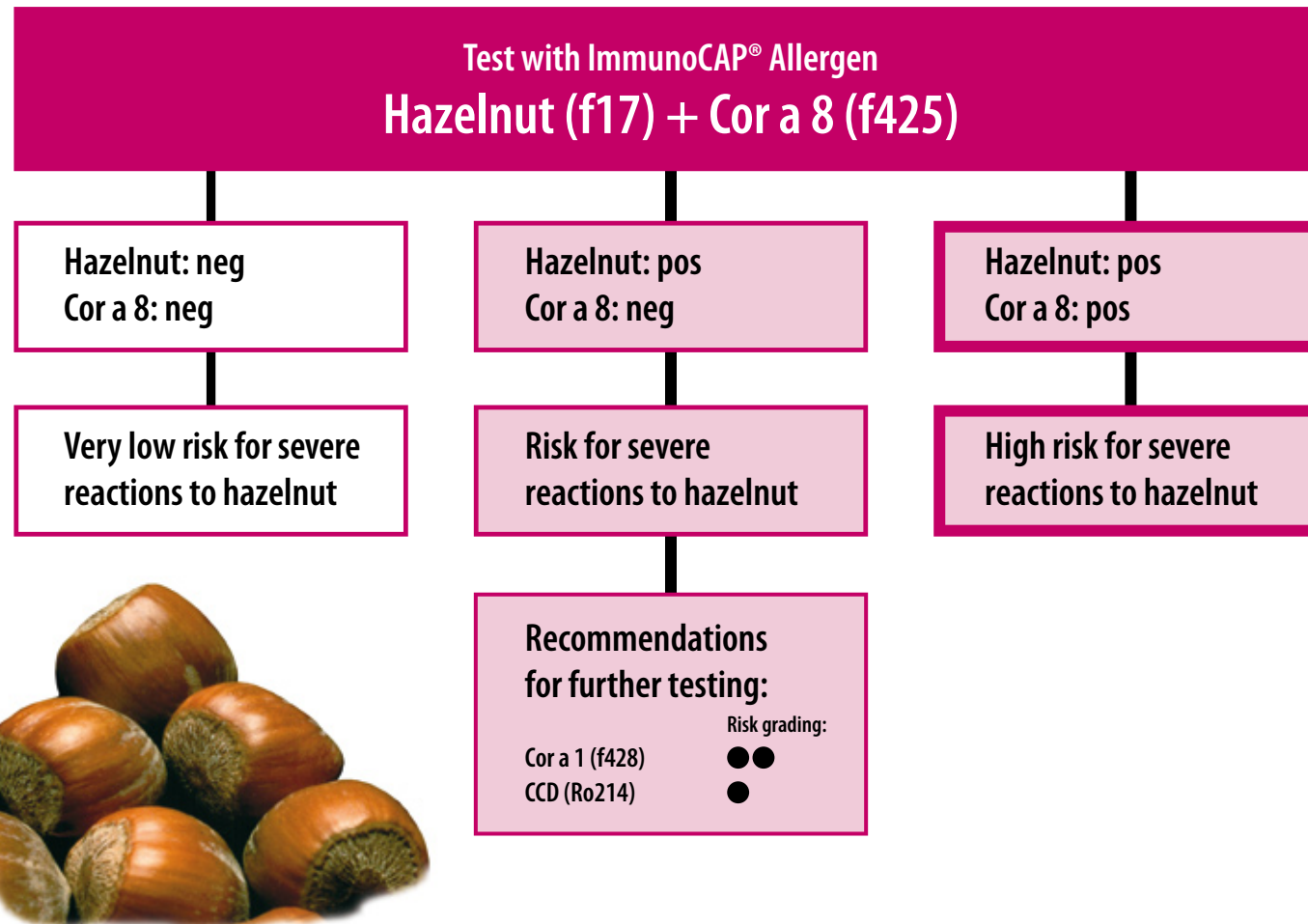


# Suspicion of hazelnut allergy

*Is it allergy? Risk for severe reactions?*



# Suspicion of hazelnut allergy

*Is it allergy? Risk for severe reactions?*

- ● ● **Cor a 8 f425 – ImmunoCAP® Cor a 8**
  - Often associated with systemic and more severe reactions in addition to Oral Allergy Syndrome (OAS).
  - A protein stable to heat and digestion, risk for reactions also to cooked food.
  - A LTP (Lipid Transfer Protein).
- ● **Cor a 1 f428 – ImmunoCAP® Cor a 1**
  - Often associated with local symptoms such as OAS.
  - A marker for birch pollen related cross-reactions to hazelnut.
  - A heat labile protein, cooked food is often tolerated.
  - A PR-10 protein.
- **CCD (MUXF3) – Ro214 ImmunoCAP® MUXF3**
  - Rarely associated with clinical symptoms.
  - A marker for sensitization to crossreactive carbohydrate determinants (CCD).
  - Present in all plants.



References: Anderson K. et al. Allergy 2007;62:897-904, Flinterman A.E. et al. J Allergy Clin Immunol. 2008;121:423-428, Flinterman A.E. et al. Opin Allergy Clin Immunol 2008;261-5, Pastorello E.A. et al. J Allergy Clin Immunol 2002;109:563-70, Schocker F. et al. J Allergy Clin Immunol 2004;113:141-7.

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