### Recommended test profile

**ImmunoCAP® COMPLETE ALLERGEN**

- **Hazelnut (f17)**

**ImmunoCAP® ALLERGEN COMPONENTS**

- **Cor a 1 (f428)**
  - PR-10 protein
  - Heat and digestion labile
  - Primarily associated with local reactions
  - Roasted hazelnuts may be tolerated

- **Cor a 8 (f425)**
  - Lipid transfer protein (LTP)
  - Heat and digestion stable
  - Associated with local as well as systemic reactions

- **Cor a 9 (f440)**
  - Storage protein (11S globulin)
  - Heat and digestion stable
  - Highly abundant in hazelnut
  - Associated with systemic reactions

- **Cor a 14 (f439)**
  - Storage protein (2S albumin)
  - Heat and digestion stable
  - Highly abundant in hazelnut
  - Associated with systemic reactions

[thermoscientific.com/phadia]
slgE to Cor a 8, Cor a 9 and Cor a 14 are associated with increased risk for systemic reactions

<table>
<thead>
<tr>
<th>Risk assessment</th>
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<td>The risk of causing reactions is related to the protein abundance and stability</td>
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- **Low risk**
- **High risk**

- Hazelnut positive + Cor a 8, 9 and 14 negative
- Hazelnut positive + Cor a 8 positive
- Hazelnut positive + Cor a 9 and/or 14 positive
- Cor a 1
- Cor a 8
- Cor a 9 / Cor a 14