All available peanut components are needed for a complete risk assessment

Risk assessment with ImmunoCAP® Molecular Allergology

PROTEIN GROUPS:

Storage proteins:
- Ara h 1
- Ara h 2
- Ara h 3
- Associated with severe reactions
- Stable to heat and digestion

PR-10 protein:
- Ara h 8
  - Associated with local reactions (e.g. OAS)
  - Labile to heat and digestion
  - Associated with allergy to birch and birch related tree pollens

LTP:
- Ara h 9
  - Associated with both severe and local reactions
  - Stable to heat and digestion
  - Associated with allergy to peach and peach related fruits

Risk for reaction | Risk for severe reaction | High risk for severe reaction

FACTORS TO CONSIDER:
- Sensitization to several allergen components
- Local exposure
- Level of exposure
- Level of Specific IgE

thermoscientific.com/phadia
**Suspicion of peanut allergy – risk for severe reaction?**

**RECOMMENDED TEST PROFILE:**
Peanut (f 13) and Ara h 1 and Ara h 2 and Ara h 3 and Ara h 9* and Ara h 8*

**RESULTS:**

<table>
<thead>
<tr>
<th>Peanut (f 13)</th>
<th>Ara h 1 / Ara h 2 / Ara h 3</th>
<th>Ara h 9*</th>
<th>Ara h 8*</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>+</td>
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- Risk for severe reactions to peanut

| + | - | + | + |

- Risk for reactions to peanut due to cross-reactivity

* According to local exposure