

## Evaluation of ISAC test result

Negative

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### CONTROL QUESTION

- Appropriate test requested?

Note: In general, if the patient has dermatological symptoms or there is a suspicion of food allergy, microarray testing could be indicated, but the number of negative results may be high.

Mono Positive

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### CONTROL QUESTION

- Appropriate test requested?

Note: Mono-sensitization at molecular component level is rare and questionable.

Multi Positive

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### CONTROL QUESTIONS

1. Do positive components explain patient signs and symptoms?
2. Are results consistent with SPT or sIgE results? If not, does the clinical history support whole extract or component results?
3. Do cross-reactive components explain many positive SPT or sIgE results ?
4. Are there any unexpected results? If yes, could the collection of patient history be improved?
5. Can the cross-reactive components explain complex clinical syndromes (e.g., pollen-food, pollen-pollen, mite-shrimp, or cat-pork syndrome)?
6. Are there any “low risk” (e.g. PR-10, profilin or CCD) or “high risk” markers (e.g. storage proteins, Tri a 19 or LTP)?
7. Are there single components or component combinations that indicate an increased risk for systemic reactions?
8. Are all, some, or none of the relevant components of the suspected allergen source represented on the chip? If none or only some: Are there cross-reactive components that may act as representative markers for the suspected allergen (e.g., Ole e 1 (olive) is also a marker for ash pollen)?