

# FAQ ALLERGENS



**?** How do I need to send my samples for allergen testing?

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**A separate sample is needed for the analysis of allergens. Please provide this sample in a well sealed packaging. In case you are requesting allergens in combination with other analyses, please provide multiple samples.**

**?** Which sample amount is necessary?

...  
**A minimum of 100 grams is required.**

**?** How long till I receive my results?

...  
**Allergen testing takes up to five to seven working days.**



## Which analyses do you offer?

Allergen testing is typically performed using methods like ELISA (Enzyme-Linked Immunosorbent Assay), PCR (Polymerase Chain Reaction) and LC-MS/MS (Liquid Chromatography-Tandem Mass Spectrometry).

Common allergens that can be detected include gluten, peanuts, soy, milk, eggs, tree nuts, fish, shellfish, and more.

We offer allergen testing using ELISA. In case of missing allergen testings, please contact our Customer Care Team ([hello@primoris-lab.com](mailto:hello@primoris-lab.com)).



## How can I determine which method to select?

Our Customer Care Team can help you select the most suitable methods for your sample(s).

In case you use [our Extranet service](#) for analysis request, a clear overview of all methods can be found there.

Lastly, an overview can be requested, providing all necessary information about the different analyses.



## Why is allergen testing important?

Allergen testing is crucial to protect consumers with food allergies by ensuring accurate labelling and preventing allergic reactions.

**Which analyses are relevant for me?**

The determination of relevant allergen analysis depends on many different factors and needs to be evaluated case by case. To start, it is important to implement a correct risk evaluation, determining all possible sources of allergens and cross-reactions. Once these streams are known specifically for your situation, it is possible to identify the needs for allergen analyses.

**Can allergen testing quantify high amounts or traces of allergens?**

Yes, advanced testing methods like ELISA and LC-MS/MS can detect and quantify both traces and high amounts of allergens.

In case of a first result above a maximum value, a further quantification is possible using dilutions.

**What should I do if my product tests positive for allergens?**

If your product tests positive for allergens, it should be clearly labelled to inform consumers, this according to [Regulation \(EU\) 1169/2011](#).

You may also need to review your production processes to prevent cross-contamination in the future.



## Can allergen testing be done on all types of food products?

Yes, allergen testing can be performed on a wide range of food products, including raw ingredients, processed and finished products.

Testing processed products can sometimes present challenges when using ELISA kits. Processing methods like heating or fermentation may alter the structure of allergenic proteins, making them harder to detect.

Cross-reactions may also occur. In such cases, alternative techniques can offer more accurate results.

Still have questions or concerns?

Feel free to reach out to our Customer Care Team via [hello@primoris-lab.com](mailto:hello@primoris-lab.com). We'll be happy to assist you!

