

Redefining Clean Together

Allergen Detection Program

Protecting your brand is our passion. A comprehensive allergen control and management program is essential to avoiding product recalls and protecting consumers.

Did you know?

In the U.S. alone, there are nearly **12.5 million** food allergic individuals¹

Undeclared allergens are the **#1 reason** for US FDA Food Recall Incidences²

Ecolab's world class service, expertise and comprehensive cleaning, sanitizing and digital portfolio, coupled with Hygiena's rapid allergen detection methods offer customers peace of mind that their brand is protected.

A Comprehensive Offering to Support Your Allergen Program Needs

Having a validated and verified allergen cleaning program in place is essential to a comprehensive allergen program. Ecolab can help support your allergen program with expertise in verification, cleaning and sanitizing, and cross contamination prevention. Leveraging Hygiena's industry leading portfolio, we offer a wide range of allergen validation and verification solutions to test for allergen residue prior to production start-up.

Learn more:

www.hygiena.com/food-safety-solutions/allergen-detection/

¹FARRP, 2012 & Decker et al. J Allergy Clin Immunol. 2008; 122:1161-5
²<https://www.fda.gov/safety/recalls-market-withdrawals-safety-alerts>



What is validation?

Scientific proof that the sanitation procedure is capable of its goal (i.e. remove all allergens from the system).

What is verification?

Demonstrating that the validated cleaning procedure was done correctly. This method is performed anytime there is a risk of contamination.

Major U.S. Food Allergens:



• Milk



• Tree Nuts



• Peanuts



• Eggs



• Fish



• Wheat



• Shellfish



• Soybeans



• Sesame (effective Jan 1, 2023 under the FASTER Act)



Select from a wide range of practical allergen monitoring and detection solutions.

Key Benefits:



- Easy to use



- All-in-one kits



- Quick results



- Highly sensitive



- Cost effective

Ecolab partners with Hygiena LLC, to create a best-in-class, innovative and cost competitive offering that helps optimize your Food Safety Program. Hygiena's rapid detection methods for ATP, allergen and microbial testing coupled with Ecolab's world class service and cleaning programs offer customers peace of mind that their brand is protected every day.

Learn more about our partnership ▼

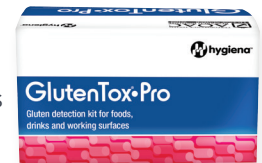
<https://www.ecolab.com/offerings/hygiene-monitoring-program>

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Gluten

GlutenTox® Pro



Designed especially for commercial kitchens and food manufacturers, GlutenTox® Pro is a user-friendly gluten detection kit for foods, drinks and surfaces. GlutenTox® Pro contains the G12 antibody that specifically recognizes the 33-mer peptide, the gluten fraction that triggers a reaction in those with celiac disease.

AllerFlow | Gluten

Hygiena™ AllerFlow Gluten is a rapid and convenient test for the detection of gluten residue on surfaces as part of an allergen monitoring program. Combining Hygiena's convenient sample collection swab design and classic lateral flow technology, AllerFlow Gluten makes gluten testing easier than ever before.

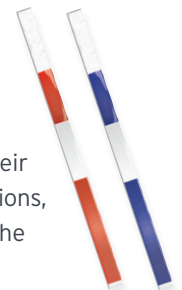


Allergens

AlerTox® Sticks

Rapid Tests for Allergen Detection in Food, Drinks and Surfaces for Internal Quality Control

Designed especially to help manufacturers keep their items free of antigens that may cause allergic reactions, AlerTox® Sticks are a rapid, user-friendly test for the detection and qualification of main food allergens with no lab equipment or scientific knowledge required.



AllerSnap™

AllerSnap™ is a quick and easy way to verify the cleanliness of surfaces by detecting protein residues left behind after cleaning. By simply swabbing the area and activating the device, you release a reagent that turns color, providing a qualitative and semi-quantitative result of the protein levels on the surface: green means clean and purple means re-clean. The more protein present, the quicker the color change to purple and the darker the color. AllerSnap™ quickly validates surface hygiene, allowing immediate corrective action to be taken when necessary.

