AgraStrip® Pro

Allergen Lateral Flow Devices

AgraStrip® Pro Allergen LFD kits are immunochromatographic rapid tests designed for the on-site, qualitative detection of allergen traces in foodstuffs, rinse waters, and environmental swabs.



How the test works

AgraStrip® Pro Allergen LFD kits are fast and simple to use. After a 1-minute extraction, the sample is transferred to an incubation vial containing allergen-specific antibodies. The formation of allergen-antibody complexes is then detected on the test strips, where they are visualized as a colored line.

The procedure is simple and streamlined, designed to minimize handling and reduce the possibility of contamination. It can be used not only for swabs or rinse water samples but also for foodstuffs, without the need for extra buffers or centrifugation steps.

The AgraStrip® Pro kits are compatible with the AgraVision™ Pro system.

Maximize benefits by using AgraStrip® Pro Allergen Test Strips with the AgraVision™ Pro Reader and the Romer Labs Data Manager*

Objective and consistent results
Eliminate the uncertainty in strip result readings and diminish analyst-related variability. Strips incubated at higher temperatures mitigate environmental influences.

Simple and more efficient workflow
The reader times the 2nd incubation automatically, ensuring results are read at the exact 5-minute mark. You can run up to 4 tests concurrently.

Connected
Stay on top of your data with blockchain-enabled test strips. Seamlessly collect, document, and manage data with Romer Labs Data Manager. Transfer this data to a PC, export to LIMS, or print out a report.

*For more information, request our application folder.

Features and Benefits

Highly specific and sensitive
Achieve precise and accurate results at low cut-off levels.

Easy and simple procedure
Minimize handling and reduce contamination risks without requiring intensive training.

Ready-to-use components
Bypass additional equipment or preparation, streamlining your workflow and conserving both time and resources.

Fast results on site – 11 minutes including extraction
Obtain insights in just 11 minutes, inclusive of extraction, expediting your decision-making process.

Suitable for on-site testing
Benefit from the flexibility to test outside traditional lab environments, enhancing your testing versatility.

Storage at room temperature
Reduce shipping costs associated with temperature-controlled items and minimize downtime, as there's no waiting for kits to warm up. Additionally, you'll save on refrigeration space.

AgraStrip® Pro Allergen

Protocol for swab samples. Carefully read the product manual before performing any test.

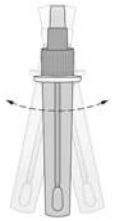
Extraction

1

Fill one extraction tube with extraction buffer, wet a swab in it and sample the 5 x 5 cm area with a cross-hatch technique.



Place the swab into the tube, breaking it off at the pre-scored point. Close and shake for 1 min.



Remove the small cap to open the dropper tip. Transfer the extract to a fresh incubation vial.



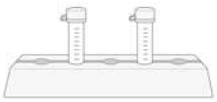
Assay

2

Close the lid of the incubation vial and shake vigorously by hand. Make sure that the extracted sample comes into contact with lid.



Tap the base of the vial onto a surface to ensure that no liquid is remaining in the lid. Let it incubate on the rack at room temperature for 5 minutes.



Time-to-result 11 min

Add a test strip to the incubation vial and wait for 5 min. Ready! You can read the result.



Foodstuff and rinse water application available.

The procedure may vary for some products and matrices. Please refer to the respective product manual before performing any test.

Ordering Information

Item	Cut-off level		Item No.
AgraStrip® Pro Almond	2 ppm	Whole almond	10007055
AgraStrip® Pro beta-Lactoglobulin	0.5 ppm	beta-Lactoglobulin	10007056
AgraStrip® Pro Brazil nut	5 ppm	Whole brazil nut	10007057
AgraStrip® Pro Casein	1 ppm	Casein	10007058
AgraStrip® Pro Cashew/Pistachio	2 ppm	Whole nuts	10007059
AgraStrip® Pro Coconut	10 ppm	Dried coconut flesh	10007060
AgraStrip® Pro Crustacea	10 ppm	Crustacea (wet weight)	10007061
AgraStrip® Pro Gluten	4 ppm	Gluten	10007062
AgraStrip® Pro Hazelnut	5 ppm	Whole hazelnut	10007063
AgraStrip® Pro Lupin	10 ppm	Lupin beans	10007064
AgraStrip® Pro Macadamia	2 ppm	Whole nut	10007065
AgraStrip® Pro Milk	1 ppm	Milk protein	10007066
AgraStrip® Pro Mustard	2 ppm	Mustard seeds	10007067
AgraStrip® Pro Peanut	1 ppm	Whole peanut	10007068
AgraStrip® Pro Sesame	5 ppm	Sesame seeds	10007069
AgraStrip® Pro Soy	2 ppm	Soy flour	10007070
AgraStrip® Pro Walnut	5 ppm	Whole walnut	10007071
AgraStrip® Pro Whole egg	2 ppm	Dried whole egg	10007072

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