



# 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.



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



**Time-to-result  
11 min**

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 |