Quick Guide

Allergens

AgraStrip® Pro Allergen

AgraStrip® Pro Allergen LFD Kits include:

- 15 AgraStrip® Pro lateral flow devices
- 1 bottle of ready-to-use extraction buffer
- 15 extraction tubes and caps
- 15 incubation vials
- 15 swabs with break-off tips
- 1 rack for incubation vials

Test procedures for:

- Raw materials/processed food
- Rinse waters
- Swab samples



Available kits:

· AgraStrip® Pro Almond	10007055	· AgraStrip® Pro Lupin	10007064
· AgraStrip® Pro β-Lactoglobulin	10007056	· AgraStrip® Pro Macademia	10007065
· AgraStrip® Pro Brazil nut	10007057	· AgraStrip® Pro Milk	10007066
· AgraStrip® Pro Casein	10007058	· AgraStrip® Mustard	10007067
· AgraStrip® Pro Cashew/Pistachio	10007059	· AgraStrip® Pro Peanut	10007068
· AgraStrip® Pro Coconut	10007060	· AgraStrip® Pro Sesame	10007069
· AgraStrip® Pro Crustacea	10007061	· AgraStrip® Pro Soy	10007070
· AgraStrip® Pro Gluten*	10007062	· AgraStrip® Pro Walnut	10007071
· AgraStrip® Pro Hazelnut	10007063	· AgraStrip® Pro Whole Egg	10007072

* AgraStrip® Pro Gluten requires an additional dilution step prior to the transfer of the extract into the incubation vial (step 3). Please, refer to the product manual.

Also available::

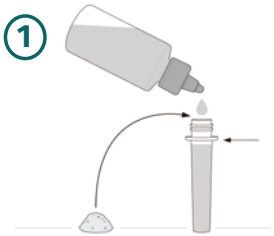
- AgraQuant® Allergen ELISA Test kits
- AgraQuant® Plus Allergen ELISA Test kits

Romer Labs®
Making the World's Food Safer

AgraStrip® Pro Allergen

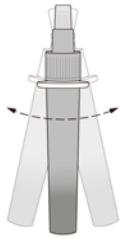
Procedure for liquid and solid samples

1



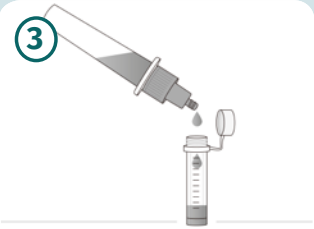
Add **0.2 mL** liquid sample (or rinse water), or weigh in **0.2 g** of homogenized sample into the extraction tube. Fill with **extraction buffer** to the level shown in the picture.

2



Close the tube with the cap and vigorously shake by hand for **1 minute**. You can squeeze the tube to help suspend the sample.

3



Remove the smaller cap to open the dropper tip and transfer **6 drops** (**200 µL**) into an incubation vial. Close the lid of the vial.

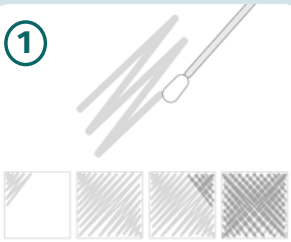
4



Shake the incubation vial vigorously by hand for **15 seconds**. Make sure that the liquid comes into contact with the lid of the vial.

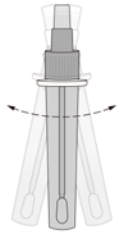
Procedure for environmental swabs

1



Fill one extraction tube with extraction buffer up to the neck of the tube (see step 1 for solid/liquid samples). Wet a swab by dipping it into the buffer. Wipe an area of 5 x 5 cm using side-to-side movements, rotating the swab tip as you go.

2



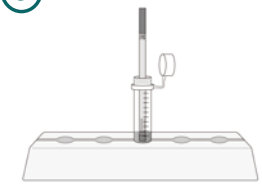
Place the swab into the extraction tube and carefully break off the end at the pre-scored point. Close the tube with a cap and shake vigorously for **1 minute**.

5



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**.

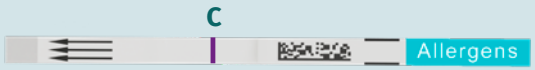
6



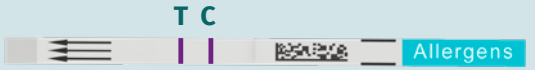
Place one test strip vertically (arrows pointing downwards) into the incubation vial. Incubate for **5 minutes**. **Read the result immediately**.

Result Interpretation

Negative Result:
Only the control band (C) appears in the results area of the test strip.



Positive Result:
The control band (C) and the test band (T) appear in the results area of the test strip. The sample could contain the target allergen in a concentration higher than the cut-off value and further investigations should be performed (e.g. using AgraQuant® Allergen ELISA kits).



Invalid Result:
No control band appears. Regardless of whether the test line appears, please repeat the test with a fresh strip.

* Cut-off values must be validated for each matrix.

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QG_AS_Pro ALL_LateralFlow_EN_v00_0623_SWM

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