



# AgraStrip® Allergen Quick Guide

## AgraStrip® Allergen Test Kits include:

- 10 test strips
- 1 dropper bottle: extraction buffer
- 10 extraction tubes & caps
- 10 incubation vials
- 10 extraction tube dropper tips
- 10 swabs
- 1 stand for incubation vials

## Available parameters:

- |                             |             |
|-----------------------------|-------------|
| • AS Almond                 | COKAL0710AS |
| • AS $\beta$ -Lactoglobulin | COKAL1010AS |
| • AS Brazil nut             | COKAL1710AS |
| • AS Casein                 | COKAL1210AS |
| • AS Cashew/Pistachio       | COKAL1310AS |
| • AS Crustacea              | COKAL2210AS |
| • AS Egg                    | COKAL1810AS |
| • AS Gluten                 | COKAL0210AS |

## Test procedures for:

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

- |                    |             |
|--------------------|-------------|
| • AS Hazelnut      | COKAL0310AS |
| • AS Lupin         | COKAL1510AS |
| • AS Macademia nut | COKAL1610AS |
| • AS Milk          | COKAL2410AS |
| • AS Mustard       | COKAL2110AS |
| • AS Peanut        | COKAL0110AS |
| • AS Sesame        | COKAL1910AS |
| • AS Soy           | COKAL0410AS |
| • AS Walnut        | COKAL0910AS |

Shelf life: 12 months

## Also Available:

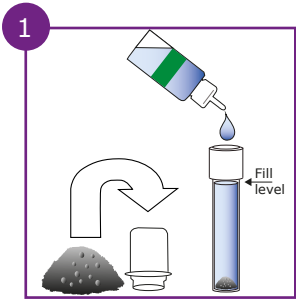
- AgraQuant® Plus Allergens
- AgraQuant® Allergens



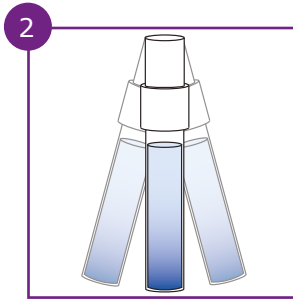


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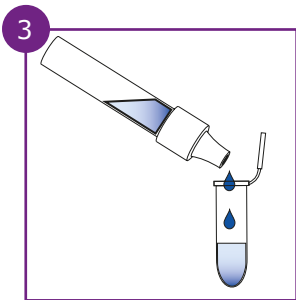
## Procedure for finished products



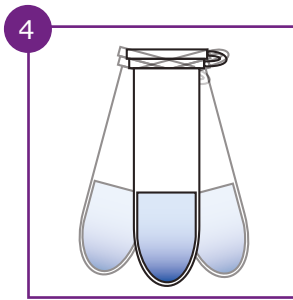
Homogenise the sample and weigh 0.2 g of sample and add to the extraction tube. (If balance is unavailable 0.2 g can be estimated by filling the extraction tube cap). Fill tube with extraction solution to level shown in picture.



Close tube using the extraction tube cap, and shake vigorously by hand for **1 minute**. Remove extraction tube cap and replace with dropper tip.

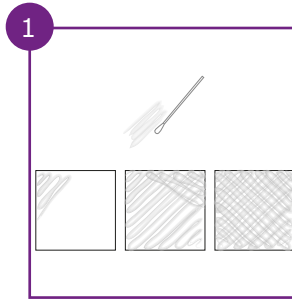


Transfer 12 drops (400 µl) of the sample supernatant into the incubation vial by squeezing the extraction tube.

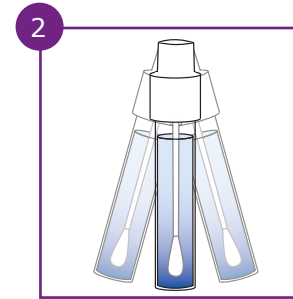


Shake incubation vial vigorously by hand for **15 seconds** (ensuring liquid comes in contact with the lid of the vial).

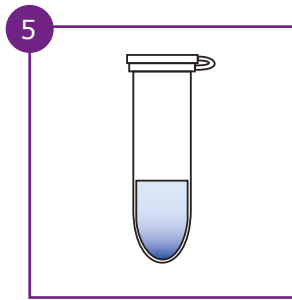
## Procedure for environmental swabs



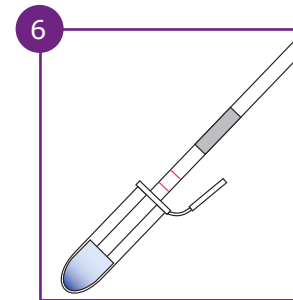
Fill extraction tube with Extraction Buffer up to where the tube gets thicker, wet the swab by dipping into the buffer. Wipe an area of 5 cm x 5 cm using side to side movements, rotating the swab tip as you go.



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**. Remove cap and replace with dropper tip.



Leave to stand at room temperature for **5 minutes**.



Add test strip to incubation vial and remove test strip from incubation vial after **5 minutes** and read result immediately.

## Result Interpretation

### Negative Result (N):

One single purple line in the control zone (c) of the strip



### Positive Result (P):

One purple line in the test zone (t) and one purple line in the control zone (c). Even a faint line in the test zone implies a positive result (see strip at bottom). The sample contains the specific allergen higher than the cutoff level (which needs to be validated for individual matrices).



### Faint test line:

