



# AgraQuant<sup>®</sup> Plus

## Allergen ELISA Test Kits

AgraQuant<sup>®</sup> Plus Allergen Test Kits have been designed to simplify and optimize the extraction process for ELISA analysis of allergens in food, environmental samples and rinse waters.

### How the test works

AgraQuant<sup>®</sup> Plus Allergen Test Kits are based on the sandwich enzyme linked immunosorbent assay (ELISA) technique coupled to a fast extraction procedure using a unique capsule technology. After extraction, any allergen in your sample is captured by antibodies that were pre-coated onto the wells. An enzymatic reaction causes color to develop in a manner that corresponds to the concentration of allergen present in the sample.

AgraQuant<sup>®</sup> Plus is the fastest Allergen ELISA method on the market with an extraction time of only 1 min and assay time of 30 min.

### Applications

The test kit has been validated for analysis of allergens in raw and processed food, ingredients, environmental samples and rinse waters.

### Content of the kit

- Set of 5 Standards
- 48 antibody-coated microwells
- 48 transfer microwells
- 2 bags of extraction capsules
- 1 bottle of wash buffer
- 1 bottle of conjugate
- 1 bottle of substrate
- 1 bottle of stop solution



## Features and Benefits

### Unique extraction capsules optimize your workflow

- Reduce individual errors
- No costly training

### Save time, efforts and money

- Total assay time under 40 min
- Ready-to-use reagents
- Analyze the same sample extract for several allergens
- 9 – 12 months shelf life



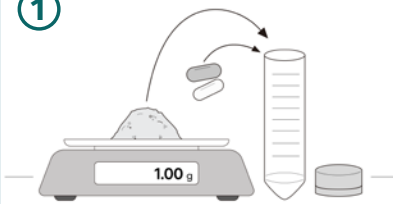
# AgraQuant® Plus Allergen

Carefully read the product manual before performing any test.

1 min  
Extraction

## Extraction

①



Add sample and 2 extraction capsules.

②



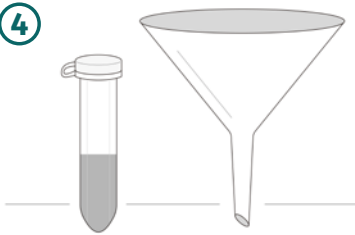
Add hot water.

③



Shake tube by hand.

④



Filter or centrifuge an aliquot to obtain the extract.

## Assay

Perform the assay as described in the package insert.

**Time to result: 30 minutes**

## Ordering Information

Item	Quantitation Range	Limit of Detection	Item No.
AgraQuant® Plus Almond	1 – 25 ppm	0.5 ppm	10002023
AgraQuant® Plus Casein	1 – 25 ppm	0.2 ppm	10002042
AgraQuant® Plus Cashew	1 – 25 ppm	1 ppm	10002096
AgraQuant® Plus Egg	1 – 25 ppm	0.5 ppm	10002060
AgraQuant® Plus Hazelnut	2 – 25 ppm	1 ppm	10002008
AgraQuant® Plus Macadamia nut	1 – 25 ppm	1 ppm	10002053
AgraQuant® Plus Mustard	1 – 25 ppm	0.5 ppm	10002072
AgraQuant® Plus Peanut	1 – 25 ppm	0.5 ppm	10001992
AgraQuant® Plus Pistachio	1 – 25 ppm	1 ppm	10002088
AgraQuant® Plus Sesame	1 – 25 ppm	1 ppm	10002066