

AgraQuant® Plus Allergen

AgraQuant® Plus Allergen Test Kits include:

- 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

Available kits:

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|---------------------------------|----------|
| • AgraQuant® Plus Almond | 10002023 |
| • AgraQuant® Plus Casein | 10002042 |
| • AgraQuant® Plus Cashew | 10002096 |
| • AgraQuant® Plus Egg | 10002060 |
| • AgraQuant® Plus Hazelnut | 10002008 |
| • AgraQuant® Plus Macadamia nut | 10002053 |

Test procedures for:

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

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|-----------------------------|----------|
| • AgraQuant® Plus Mustard | 10002072 |
| • AgraQuant® Plus Peanut | 10001992 |
| • AgraQuant® Plus Pistachio | 10002088 |
| • AgraQuant® Plus Sesame | 10002066 |

Shelf life: 12 months

* AgraQuant® Allergen Swabbing kit (10002205)

Also available:

- AgraQuant® Allergen
- AgraStrip® Allergens





①

Weigh **1 g** homogenized sample into a centrifuge tube and add one capsule of extraction additive 1 and one capsule of extraction additive 2*.

②

Add 20 mL of hot, non boiling water (80 – 100 °C)**.

③

Shake tube vigorously for **15 seconds** until sample and capsules are dissolved.

④

Transfer an aliquote of the extract into a 1.5 or 2 mL reaction vial and centrifuge at **8000 g for 5 min** and use the supernatant for testing. Alternatively, the extract can be filtrated and the filtrate used.

*For AgraQuant® Plus Pistachio use 2 capsules of extraction additive M1 and 1 capsule of extraction additive 2 instead.
 **For AgraQuant® Plus Egg, use water at 60 °C.

One extract can be used to determine allergen content in any AgraQuant® Plus Allergen ELISA Test kit (exceptions: AgraQuant® Plus Egg and Pistachio Test kits)

1		Dispense 150 µL sample extract or standards into transfer wells (blue)	5		Pipette 100 µL conjugate solution into the antibody-coated wells and incubate for 10 min . Wash the wells as described in steps 3 & 4
2		Transfer 100 µL sample extract or standards into the antibody-coated wells using a multichannel pipette and incubate for 10 min	6		Pipette 100 µL substrate solution into the wells and incubate for 10 min in the dark
3		Wash 5 times with wash buffer	7		Add 100 µL stop solution into the antibody coated wells
4		Tap dry the washed wells	8		Read Results at 450 nm with an ELISA reader