



ALLERGENS

AgraQuant®

Allergen ELISA Test Kits

The AgraQuant® Allergen Test Kits are sandwich enzyme-linked immunosorbent assays (ELISA) for the sensitive and quantitative analysis of specific food allergen residues in a variety of food products.



PRODUCT FEATURES

Highly sensitive

- Low detection limits

Rapid

- 60 minutes total incubation time

Stable

- 12 months shelf life

User friendly

- Ready-to-use reagents
- Simple handling procedure, common for all AgraQuant® Allergen test kits
- Same sample extract for multiple allergen tests

How the test works

AgraQuant® Allergen test kits are based on ELISA 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.

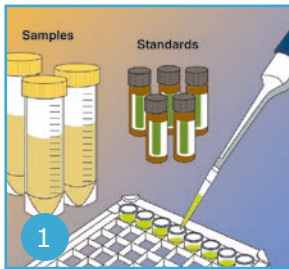
Content of the kit

- Set of 5 Standards
- 48/96 antibody-coated microwells
- 1 bottle of extraction solution
- 1 bottle of wash buffer
- 1 bottle of detection antibody
- 1 bottle of substrate
- 1 bottle of stop solution

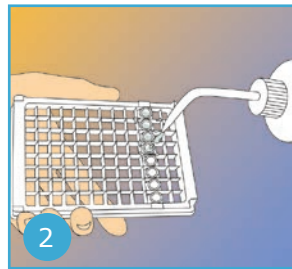
Product	Item No.	Quantitation range	Limit of Detection
AgraQuant® Almond	10002021	0.4 – 10 ppm	0.2 ppm
AgraQuant® Beta-Lactoglobulin	10002034	10 – 400 ppb	1.5 ppb
AgraQuant® Casein	10002037	0.2 – 6 ppm	0.04 ppm
AgraQuant® Cashew	10002094	2 – 60 ppm	0.2 ppm
AgraQuant® Crustacea	10002076	20 – 400 ppb	0.9 ppb
AgraQuant® Egg White	10002026	0.4 – 10 ppm	0.05 ppm
AgraQuant® Fish	10002083	4 – 100 ppm	1.4 ppm
AgraQuant® Gluten G12™	10001994	4 – 200 ppm	2 ppm
AgraQuant® Gluten	10002002	4 – 120 ppm	0.6 ppm
AgraQuant® Hazelnut	10002006	1 – 40 ppm	0.3 ppm
AgraQuant® Histamine	10002018	0.5 – 50 ppb	0.15 ppb
AgraQuant® Histamine Rapid	10002017	3 – 300 ppm	1 ppm
AgraQuant® Lupin	10002049	2 – 30 ppm	0.2 ppm
AgraQuant® Lysozyme	10002090	25 – 250 ppb	2 ppb
AgraQuant® Milk	10002080	0.4 – 10 ppm	0.05 ppm
AgraQuant® Mustard	10002070	2 – 60 ppm	1 ppm
AgraQuant® Ovalbumin	10002092	25 – 500 ppb	4 ppb
AgraQuant® Peanut	10001990	1 – 40 ppm	0.1 ppm
AgraQuant® Pistachio	10002086	1 – 40 ppm	0.13 ppm
AgraQuant® Sesame	10002064	2 – 30 ppm	0.2 ppm
AgraQuant® Soy	10002015	40 – 1000 ppb	16 ppb
AgraQuant® Walnut	10002030	2 – 60 ppm	0.35 ppm

AgraQuant® Allergen

Please read the package insert provided with the kit before performing any assay.



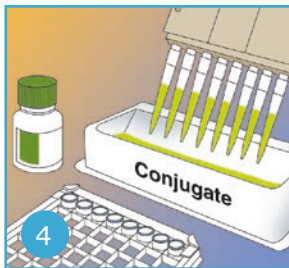
1 Add standards and samples to the antibody-coated wells and incubate for 20 min.



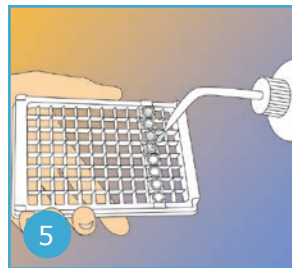
2 Discard contents from the wells and wash with wash buffer.



3 Tap to dry the plate.



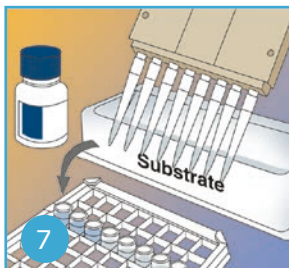
4 Add conjugate solution to the wells and incubate for 20 min.



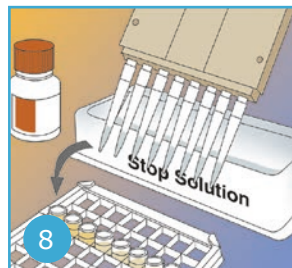
5 Discard contents from the wells and wash with wash buffer.



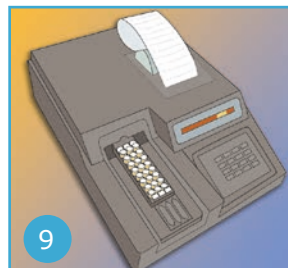
6 Tap to dry the plate.



7 Add substrate solution to each well and incubate for 20 min in the dark.



8 Add stop solution to each well.



9 Using an ELISA plate reader, determine the absorbance at 450 nm using 630 nm as reference.

10 Calculate results according to the instructions in the package insert, using the AgraQuant® spreadsheets provided free of charge upon request.

For collecting environmental samples, you may use our accessory kit:
AgraQuant® Allergen swabbing kit; 10002205