



ALLERGENS

AgraQuant®

Allergen ELISA Test Kits

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

How the test works

AgraQuant® Allergen Test Kits are based on ELISA technology. Allergenic proteins are extracted from a sample. Antibodies directed against the allergen are used for detection. An enzymatic reaction leads to a color formation. Comparing the color intensities of samples to those of

allergen standard solutions allows the quantification of results.

Kit contents

Each test kit comes complete with standards, antibody coated microwells, extraction buffer, wash buffer, conjugate, substrate and stop solution.



CUSTOMER BENEFITS

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

Cost effective

- Breakaway microwell format
- Minimizes waste and maximizes value

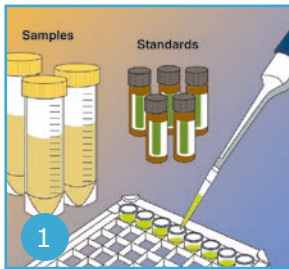
Product	Item No.	Quantitation range	Limit of Detection
AgraQuant® Almond	COKAL0748	0.4 – 10 ppm	0.2 ppm
AgraQuant® Casein	COKAL1200	10 – 400 ppb	1.5 ppb
AgraQuant® Cashew	COKAL3148	0.2 – 6 ppm	0.04 ppm
AgraQuant® Crustacea	COKAL2248	2 – 60 ppm	0.2 ppm
AgraQuant® Egg white	COKAL0848	20 – 400 ppb	0.9 ppb
AgraQuant® Fish	COKAL2548	0.4 – 10 ppm	0.05 ppm
AgraQuant® Gluten G12	COKAL0200	4 – 100 ppm	1.4 ppm
AgraQuant® Gluten	COKAL0248	4 – 200 ppm	2 ppm
AgraQuant® Hazelnut	COKAL0348	4 – 120 ppm	0.6 ppm
AgraQuant® β-Lactoglobulin	COKAL1048	1 – 40 ppm	0.3 ppm
AgraQuant® Lupin	COKAL1548	2 – 30 ppm	0.2 ppm
AgraQuant® Lysozyme	COKAL2848	25 – 250 ppb	2 ppb
AgraQuant® Milk	COKAL2448	0.4 – 10 ppm	0.05 ppm
AgraQuant® Mustard	COKAL2148	2 – 60 ppm	1 ppm
AgraQuant® Ovalbumin	COKAL2948	25 – 500 ppb	4 ppb
AgraQuant® Peanut	COKAL0148	1 – 40 ppm	0.1 ppm
AgraQuant® Pistachio	COKAL2748	1 – 40 ppm	0.13 ppm
AgraQuant® Sesame	COKAL1948	2 – 30 ppm	0.2 ppm
AgraQuant® Soy	COKAL0448	40 – 1000 ppb	16 ppb
AgraQuant® Walnut	COKAL0948	2 – 60 ppm	0.35 ppm

keydiagnostics

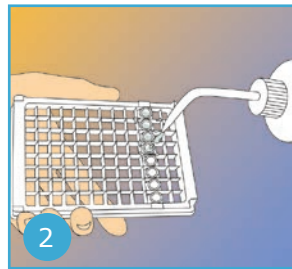
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 info@keydiagnostics.com.au
 www.keydiagnostics.com.au
 PO Box 1038, Gympie, NSW, 2227

AgraQuant® Allergen

Please read the kit insert completely before performing any test.



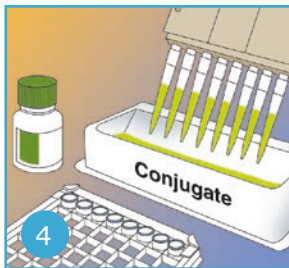
1 Add standards and samples to antibody-coated wells and incubate for 20 min.



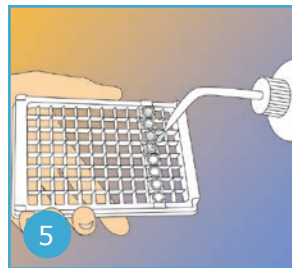
2 Discard contents from the wells and wash with wash buffer.



3 Tap to dry the plate.



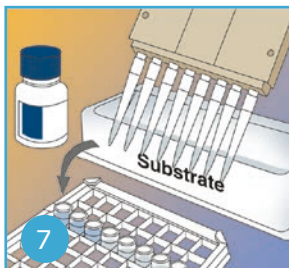
4 Add conjugate solution to the wells and incubate for 20 min.



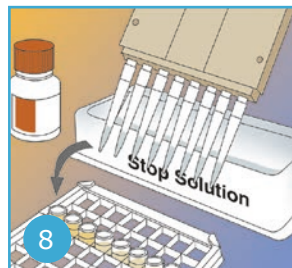
5 Discard contents from the wells and wash with wash buffer.



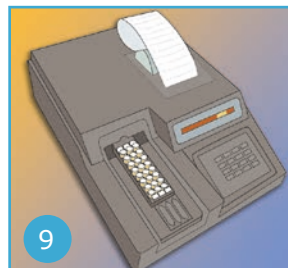
6 Tap to dry the plate.



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



8 Add stop solution to each well.



9 Read wells with a micro-well reader using a 450 nm filter.

10 Interpret your results in a fast and easy way by using the AgraQuant® Spread-sheets provided by Romer Labs