Making the World's Food Safer®

ROMER
Romer Labs®

AgraQuant® Allergen ELISA Test Kits

AgraQuant® Allergen Test Kits, using sandwich enzyme linked immunosorbent assay (ELISA) technology, have been developed to determine the level of specific food allergens in different commodities.
AgraQuant® Allergen ELISA Test Kits are designed to analyze raw materials as well as processed foods.

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

AgraQuant® Allergen ELISA Test Kits
FOOD ALLERGENS

AgraQuant® Allergen Kit Performance

	Item No.	Quantitation Range	Limit of Detection
AgraQuant® Almond	COKAL0748	0.4 – 10 ppm	0.2 ppm
AgraQuant® Casein	COKAL1200	0.2 – 6 ppm	0.04 ppm
AgraQuant® Crustacea	COKAL2248	20 – 400 ppb	0.9 ppb
AgraQuant® Egg white	COKAL0848	0.4 – 10 ppm	0.05 ppm
AgraQuant® Fish	COKAL2548	4 – 100 ppm	1.4 ppm
AgraQuant® Gluten G12	COKAL0200	4 – 200 ppm	2 ppm
AgraQuant® Gluten	COKAL0248	4 – 120 ppm	0.6 ppm
AgraQuant® Hazelnut	COKAL0348	1 – 40 ppm	0.3 ppm
AgraQuant® β-Lactoglobulin	COKAL1048	10 – 400 ppb	1.5 ppb
AgraQuant® Lupin	COKAL1548	2 – 30 ppm	0.2 ppm
AgraQuant® Milk	COKAL2448	0.4 – 10 ppm	0.05 ppm
AgraQuant® Mustard	COKAL2148	2 – 60 ppm	1 ppm
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

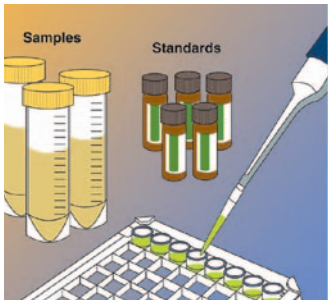
BENEFITS:

- Highly sensitive – low detection limits
- Rapid – 60 minutes total incubation time
- Stable – 12 months shelf life
- User friendly - ready to use reagents and simple handling procedure, common for all AgraQuant® Allergen Test Kits
- Cost-effective – breakaway microwell format; minimizes waste and maximizes value

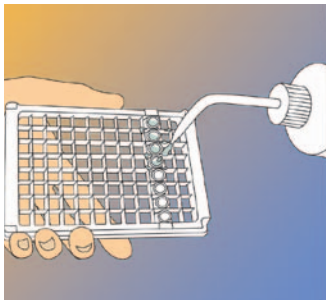
Procedure for AgraQuant® Allergen Test Kit

IMPORTANT: Please read kit insert before running the test.

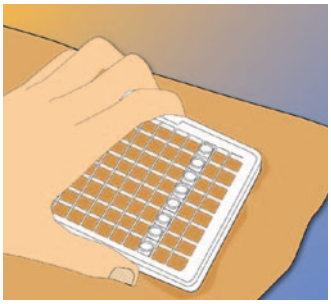
Assay Procedure:



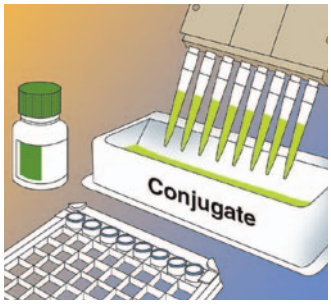
1) Add 100 µL standard or sample to antibody coated well and incubate for 20 minutes.



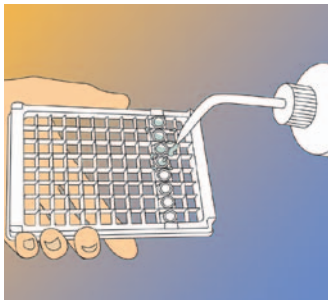
2) Discard contents from the wells and wash five times with wash buffer.



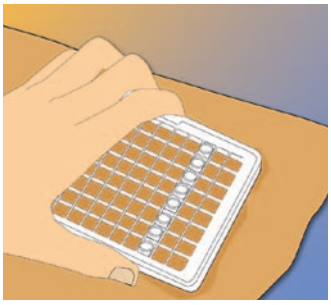
3) Tap to dry the plate.



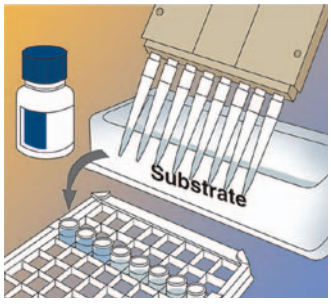
4) Add 100 µL of conjugate into well and incubate for 20 minutes.



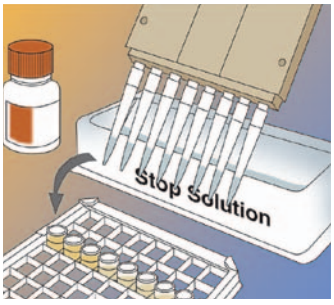
5) Discard contents from the wells and wash five times with wash buffer.



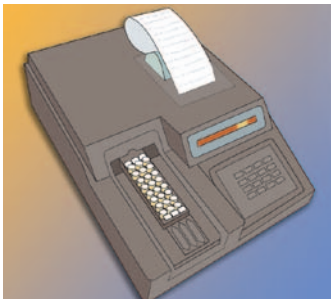
6) Tap to dry the plate.



7) Add 100 µL substrate to each well and incubate for 20 minutes in the dark.



8) Add 100 µL stop solution to each well.



9) Read wells with a microwell reader using a 450 nm filter and interpret results.