

AgraQuant® Melamine Test Kit

AgraQuant® Melamine test kit is a direct competitive enzyme-linked immunosorbent assay (ELISA). It has been developed for the analysis of melamine in wheat gluten and pet food.



AgraQuant® Melamine test kit has quantitation ranges of 10-250ppm for wheat gluten, 2-50ppm for moist pet food, and 4-100ppm for dried pet food. Each kit comes complete with melamine standards, antibody-coated microwells, enzyme conjugate, substrate and stop solution, etc.

AgraQuant® Melamine Kit Performance:

- *Accurate* – Results are comparable with published HPLC method
- *Sensitive* –

Matrix	Quantitation range	Limit of Detection
Wheat gluten	10 – 250ppm	10ppm
Moist pet food	2 – 50ppm	2ppm
Dried pet food	4 – 100ppm	4ppm

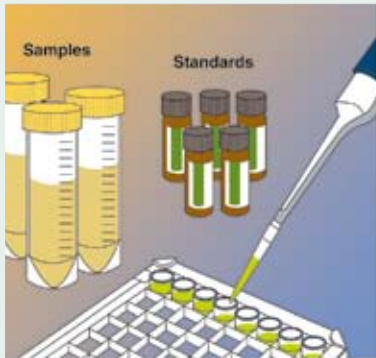
- *Reproducible* – Consistent results obtained in intra- and inter-laboratory settings

Benefits

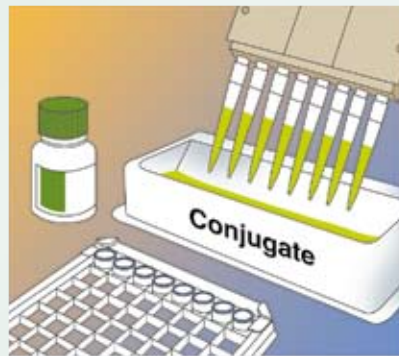
- *Fast* – 60 minutes total incubation time
- *Easy* – Simple methanol/water sample extraction and no clean-up steps required
- *Cost-effective* – 96 breakaway microwell format; minimizes waste and maximizes value
- *Stable* – 8 months shelf life

Procedure for AgraQuant® Melamine Test Kit

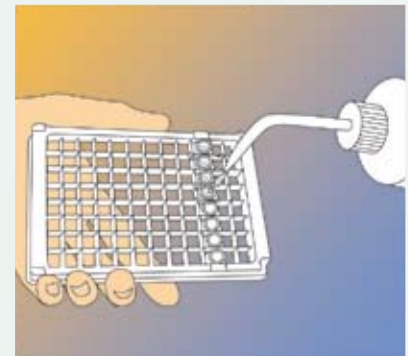
IMPORTANT: Please read kit insert before running the test.



1) Add 150µl standard or sample to antibody coated well



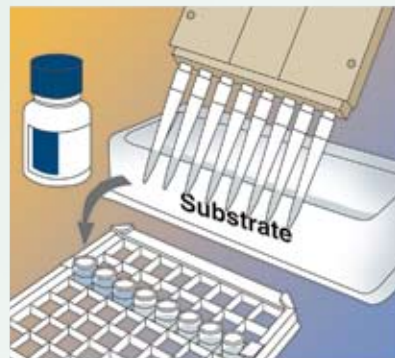
2) Add 50µl enzyme conjugate into antibody coated well and shake the plate gently for 1 minute.
Incubate the wells for 30 minutes at room temperature.



3) Discard contents from the wells. Wash the wells four times using de-ionized water for pet food or wash solution for wheat gluten.



4) Tap to dry plate



5) Add 100µl substrate to each well and incubate the wells for 30 minutes



6) Add 100µl stop solution to each well



7) Read wells with a microwell reader using a 450nm filter with a 630nm differential filter and interpret results

For further information, please contact:

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