Making the World's Food Safer®

ROMER
Romer Labs®

AgraQuant®
Mycotoxin ELISA Test Kit

Romer Labs® has developed a rapid, quantitative enzyme-linked immunosorbent assay (ELISA) for the analysis of mycotoxins in grains, nuts, cereals and other commodities including animal feeds.

Each kit comes complete with 5 to 6 standards, 48 or 96 antibody-coated microwells, 48 or 96 color-coded dilution microwells, conjugate, substrate and stop solution.

AgraQuant® Mycotoxin ELISA Test Kit
MYCOTOXINS

AgraQuant® Mycotoxin Kit Performance

- Accurate – Results are comparable with published HPLC method
- Highly Sensitive
- Reproducible – Consistent results obtained in intra- and inter-laboratory settings

	Item No.	Quantitation Range	Limit of Detection
AgraQuant® Total Aflatoxin	COKAQ1100	1 – 20 ppb	1 ppb
AgraQuant® Total Aflatoxin	COKAQ1000	4 – 40 ppb	3 ppb
AgraQuant® Aflatoxin B1	COKAQ8000	2 – 50 ppb	2 ppb
AgraQuant® Ochratoxin	COKAQ2000	2 – 40 ppb	2 ppb
AgraQuant® Total Fumonisin	COKAQ3000	0.25 – 5.0 ppm	0.2 ppm
AgraQuant® DON	COKAQ4000	0.25 – 5.0 ppm	0.2 ppm
AgraQuant® ZON Plus	COKAQ5100	25 – 1000 ppb	20 ppb
AgraQuant® T-2 Toxin	COKAQ6000	25 – 500 ppb	10 ppb
AgraQuant® T-2/HT-2 Toxin	COKAQ6100	37 – 500 ppb	29 ppb
AgraQuant® Aflatoxin M1	COKAQ7100	25 – 500 ppt	18 ppt
AgraQuant® Aflatoxin M1 Plus	COKAQ7200	100 – 2000 ppt	89 ppt

BENEFITS:

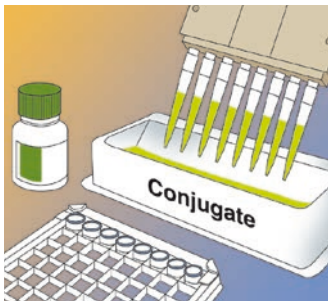
- Rapid – 10 to 20 minutes total incubation time (except Aflatoxin M1 kits)
- Stable – up to 12 months shelf life
- Easy – Simple sample extraction and no clean up steps required
- Cost-effective – 48 or 96 breakaway microwell format; minimizes waste and maximizes value
- Convenient – Up to 30 minutes reading time after stopping the reaction

Romer Labs, Inc. - America · Union, MO, USA · **T** +1 636 583 8600 · **F** +1 636 583 2340 · **E** office@romerlabs.com
Romer Labs Diagnostic GmbH - Europe · Tulln, Austria · **T** +43 2272 615 33 · **F** +43 2272 615 33 13177 · **E** office-europe@romerlabs.com
Romer Labs Singapore Pte. Ltd. - Asia · Singapore · **T** +65 6631 8018 · **F** +65 6275 5584 · **E** salesasia@romerlabs.com

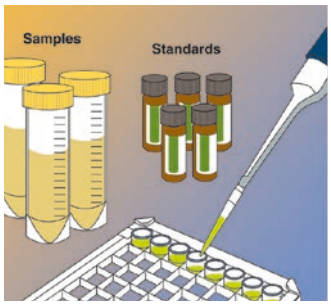
Procedure for AgraQuant® Mycotoxin ELISA

IMPORTANT: Please read kit insert before running the test.

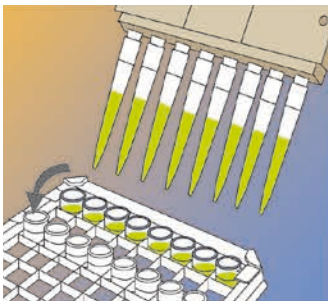
Assay Procedure:



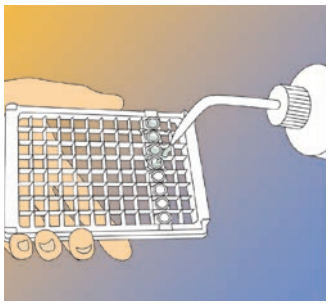
1) Add 200 µL conjugate into each color-coded dilution well.



2) Add 100 µL standards or samples to the conjugate.

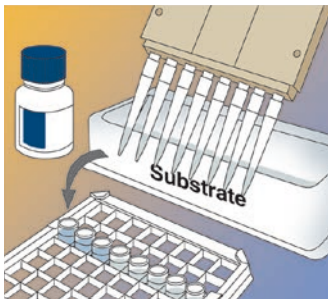


3) Mix well. Transfer 100 µL content to antibody-coated wells. Incubate for 5 – 60 minutes.

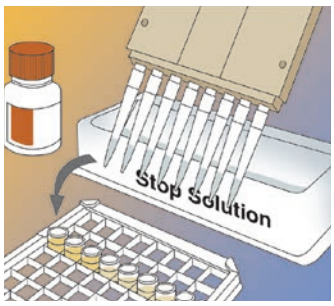


4) Discard contents from the wells and wash wells with deionized water or buffer solution (5x).

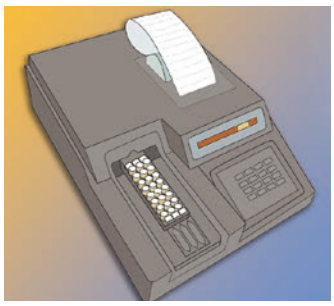
5) Tap dry the wells on absorbent paper towel.



6) Add 100 µL substrate into each well. Incubate for 5 – 20 minutes.



7) Add 100 µL stop solution into each well.



8) Analyze results using an ELISA reader with 450 nm filter.

For further information, please contact:
• office@romerlabs.com • salesasia@romerlabs.com • office-europe@romerlabs.com