



AgraQuant® Veterinary Drug Residue ELISA Test Kits

Romer Labs® has developed rapid quantitative enzyme-linked immunosorbent assays (ELISA) for the analysis of hormones and antibiotics in food, tissue and urine.

Each kit comes complete with 6-7 standards, 96 anti-body-coated microwells, dilution buffer, wash buffer, conjugate, substrate and stop solution.

AgraQuant® Kit Performance

	Item Number	Quantitation Range*	Limit of Detection*
AgraQuant® Chloramphenicol ¹	COKDA1100	0.025 – 10.0 ppb	0.03 – 0.81 ppb
AgraQuant® AMOZ ²	COKDA0200	0.2 – 16.2 ppb	0.2 ppb
AgraQuant® AOZ ³	COKDA0300	0.1 – 3.0 ppb	0.2 ppb
AgraQuant® Clenbuterol ⁴	COKDA0400	0.15 – 20.0 ppb	0.054 – 1.094 ppb
AgraQuant® Ractopamine ⁵	COKDA0500	0.3 – 50.0 ppb	0.21 – 3.53 ppb
AgraQuant® Beta-Agonists ⁶	COKDA0600	0.5 – 50.0 ppb	0.28 – 0.51 ppb
AgraQuant® Dexamethasone ⁷	COKDA0800	0.15 – 25 ppb	0.05 – 0.36 ppb
AgraQuant® Ciprofloxacin ⁸	COKDA0900	12 – 360 ppb	2.9 ppb

* depending on matrix

¹ validated matrices: urine, serum, milk, tissue, egg, honey

² validated matrices: tissue, urine, egg, liver

³ validated matrices: tissue, urine, egg, liver

⁴ validated matrices: meat (pork), urine (bovine, swine), feed (poultry, pig)

⁵ validated matrices: meat (chicken), urine (swine), feed (pig)

⁶ validated matrices: meat (pork), urine (bovine), feed (pig)

⁷ validated matrices: liver, urine (swine), feed (swine), milk, muscle (bovine)

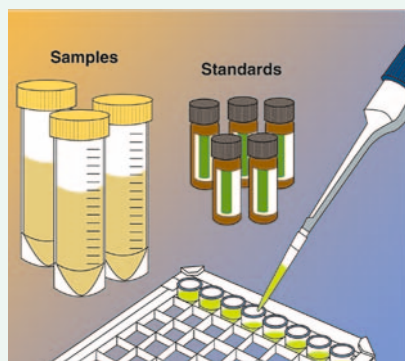
⁸ validated matrices: shrimp, meat (chicken)

Benefits

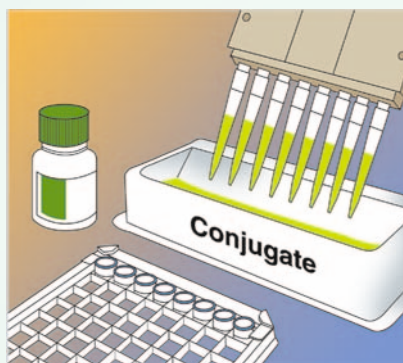
- **Sensitive** – low detection limits
- **Rapid** – 90 minutes total incubation time
- **Stable** – 12 months shelf life
- **Easy** – ready-to-use reagents and simple handling procedure that recurs in all AgraQuant® Veterinary Drug Residue Kits
- **Cost-effective** – 96 breakaway microwell format; minimizes waste and maximizes value

Procedure for AgraQuant® Veterinary Drug Residue Test Kit

IMPORTANT: Please read kit insert before running the test.



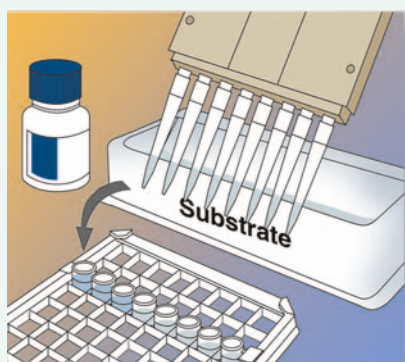
1) Add 50 µL of standards and samples in duplicate to antibody-coated wells.*



2) Add 50 µL of the conjugate solution into all the wells. Seal plate with sealing tape, move for 1 min and incubate for 60 min.*



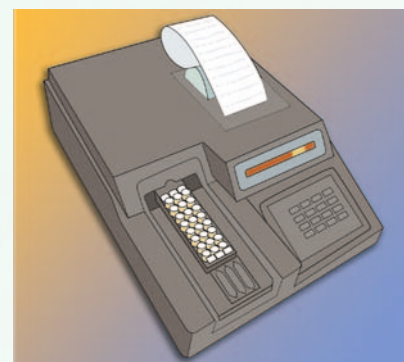
3) Wash wells using 300 µL wash buffer for 3 times and tap dry in between the washing steps.



4) Add 150 µL substrate to each well, seal plate, mix gently and incubate for 30 minutes in the dark.



5) Add 50 µL stop solution to each well.



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

* Slightly different procedure for AgraQuant® AMOZ (COKDA0200), AgraQuant® AOZ (COKDA0300), AgraQuant® Dexamethasone (COKDA0800) and AgraQuant® Ciprofloxacin (COKDA0900) - please refer to package insert.

COMING SOON

COKDA1200	AgraQuant® Nitrofurantoin (AHD)
COKDA1300	AgraQuant® Nitrofurantoin (SEM)
COKDA1400	AgraQuant® Nifedipine
COKDA1500	AgraQuant® Quinolones

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