



# Meat and Seafood



Bioeasy's mission is rooted in the fundamental human need for safe abundant food. Concern about the safety and quality of global sourced food have become increasingly widespread.

The increasing need to routinely monitor the occurrence of these contaminants in the food chain, has inspired Bioeasy's commitment and dedication to the research, development and worldwide distribution of advanced rapid test solutions for food safety. Bioeasy has an extensive and expanding range of rapid test kits for Dairy, Honey, Livestock, food and feed industries for laboratory as well as on-site testing in order to achieve their quality, compliance and business objectives.

Bioeasy is making use of cutting edge technology, offering limits of detections as per regulations, user friendly products and matchless support guaranteed to add value to your testing programs across the supply chain in the world.

## RAPID TESTING KITS





## Meat & Seafood Antibiotics Residues Screening

Within the livestock industry the various types of drugs include growth promoters and synthetic steroids to produce leaner meat, anthelmintics and coccidiostats to combat parasitic worms and flukes and bacterial infections are treated with antibiotics.

Similarly several different types of veterinary drugs used in seafood cultivation to reduce mortality and improve production. Residues of these drugs are highly regulated in food production.

Bioeasy is proud to have developed and manufactured this unique rapid test method and together with a globally trusted test portfolio, form a powerful combination for any laboratory or testing facility.

Bioeasy has grown to become the world's leading manufacturer for rapid screening of drug residues in tissues, such as pork, beef, chicken, turkey, duck, etc. against traditional ELISA products and the LC/MS-MS method, using Bioeasy revolutionary rapid test kit can minimize the risk of operator greatly reduce the sample preparation and test time, improve your efficiency, at the same time ensure your food safety control.

### Benefits of Bioeasy Unique Technology

Assay	Compound	LOD (ppb)	Total Time (From sample preparation result) (min)
Chloramphenicol	Chloramphenicol	0.1	20 — tissue
Nitrofurans Metabolites	Furazolidone (AOZ)	0.5	30 — tissue
	Furaltadone (AMAZ)	0.5	30 — tissue
	Nitrofurantoin (SEM)	0.5	30 — tissue
	Nitrofurantoin (AHD)	0.5	30 — tissue
Sulfonamides	Sulfonamides	1-20	20 — tissue
	Sulfonamides	1-100	10 — tissue
Quinolones	Quinolones	1-30	20 — tissue
	Quinolones	20-100	10 — tissue
Malachite Green	Malachite green	1-2	30 — tissue
	Crystal violet	1-2	

Excellent Sensitivity  
and high accuracy

Cost Savings

User-friendly

Simple sample  
preparation

Environment friendly

Super fast testing

Convenient

# β - agonist Residues Screening

Hormone are endogenous biochemical messengers which are transported through the bloodstream to their target organs. Besides natural sex hormones, synthetic steroids and beta-agonists can be used in livestock breeding to improve the average weight gain and the meat/fat-ratio.

As a result of inappropriate or illegal use, residues in food of animal origin such as meat may occur and bear a direct health risk to consumers. Additionally, the entry of hormonal active substances into surface and ground water by manure can have an impact on aquatic ecosystems. Through drinking water and fish consumption, hormone residues could also re-enter the food chain.

Bioeasy has been dedicated to design rapid test solution for industries, with our creative min test, the slaughter house can finish the screening of β-agonist residues within 1 min, simultaneously, you can continue the dismemberment of the meat on the production line, and ensure the meat is β-agonist residues within its under processed.



## β - agonist Residues Screening

Assay	Compound	LOD (ppb)	Total Time (From sample preparation to result) (min)
B-agonist	Cleanbuterol	3	1-3 —urine
	Ractopamine	3	1-3 —urine
	Salbutamol	5	1-3 —urine
	Cleanbuterol	3	15 —tissue
	Ractopamine	3	15 mins —tissue
	Salbutamol	5	15 mins —tissue
1 mins test	High sensitivity	Ease of use	Visually interpretation of the result

## OPTIONAL DEVICES

### YR-10 DESKTOP READER



- Record Capacity: 5000 results
- Compact design, ideal solutions for Lab use
- High-sensitivity measurement with high repeatability
- Build-in Micro-Thermo printer
- Fast response time, results tested within seconds
- Data export to PC

### SAFF READER



- Hand-held designed with battery, good for on-site application
- USB port connection or car cigarette-lighter power driven, ideal solution for farmer and truck driver.
- Ease of use with 3.5 inch touch screen
- Data storage can be up to 9,000

### POCKET READER



- Use to read Bioeasy Strips
- Connected with Bluetooth
- Available with Android Application
- Data can be Saved and extracted from Android mobile

### PIPETTES



- 20-200 $\mu$ L
- Digital display clearly reads volume setting

# BIOEASY

Shenzhen Bioeasy Biotechnology Co., Ltd, established in 2007, is a high-tech enterprise engaged in Food safety, Clinical diagnosis, public safety. As a member of the AOAC (Association of Official Analytical Chemists) and IAFP (International Association for Food Protection), the products from Bioeasy are very reliable and reaching more than 100 countries to protect and improve the global food chain.



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