

# FOOD SAFETY ASSAY KITS

KEEP YOU AWAY FROM FOOD CONTAMINATION!

## Why choose Elabscience® Food Safety Assay Kits?

### Universal

- ✓ NO Species Restriction

### Abundant

- ✓ 150+ Products
- ✓ Covering 98% Popular Indicators

### Quality

- ✓ Strict Quality Control
- ✓ Both Inter and Intra CV < 10%

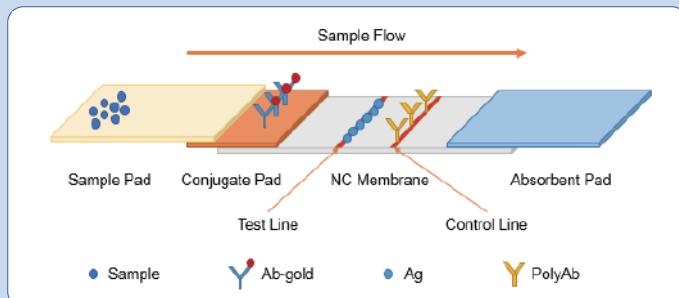
### Stable

- ✓ Good Stability
- ✓ Long Shelf Life of 12 Months

### Efficient

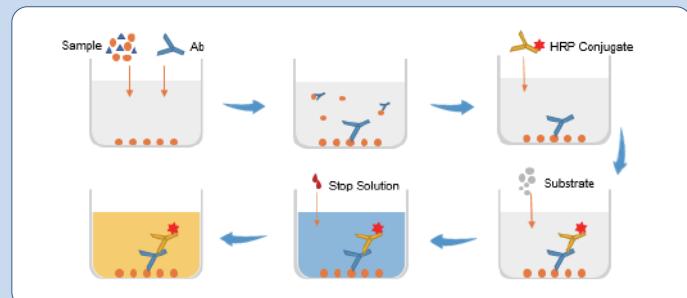
- ✓ Simple and Fast
- ✓ Assay Time 5-75 min

## DETECTION METHODS



### Lateral Flow Detection(LFD)

Immunochemical Rapid Test Strips  
Fast results| On-site| Easy



### ELISA

Enzyme-Linked Immunosorbent Assay  
Quantitative| Sensitive| Efficient

# AVAILABLE INDICATORS FOR FOOD SAFETY ASSAYS

Residues&Contaminants	Sample Type
AMOZ, SEM, AOZ, AHD (Nitrofurans)	Muscle, Liver, Honey, Milk, Feed, Egg
CLE, RAC, SAL, PHEA (beta-agonist)	Urine, Muscle, Serum, Feed
QNs, CPFX, SAR, ENR, FQNs, OFL (Quinolones)	Muscle, Honey, Milk, Egg, Serum, Urine
SASTMP, SM2, SQX, SMM, SMD (Sulfonamides)	Muscle, Urine, Liver, Honey, Serum, Egg, Feed
TCs, CTC, OTC, DOX (Tetracyclines)	Muscle, Liver, Egg, Honey, Urine, Milk
CAP, FF, TP (Chloramphenicol)	Muscle, Honey, Milk, Egg, Feed, Serum
DES, DEX, E2 (Hormone)	Muscle, Milk, Feed
SM, Neo, Gen, KAM (Aminoglycosides)	Muscle, Honey, Milk, Egg
MG, SUD (Chemical contaminants)	Muscle, Liver, Ketchup, Feed, Egg
AMO, AP, CM, BP ( $\beta$ -Lactam)	Muscle, Milk, Egg

Mycotoxins	Sample Type
OTA (Ochratoxin A)	Cereals, Feed, Peanuts, Edible oil
ZEN (Zearalenone)	Cereals, Feed, Peanuts, Edible oil
DON (Deoxynivalenol)	Cereals, Feed, Peanuts, Edible oil
T-2 (T-2 Toxin)	Cereals, Feed, Peanuts, Edible oil
AF (Total Aflatoxin)	Cereals, Feed, Traditional Chinese medicine
AFM1 (Aflatoxin M1)	Milk, Yogurt, Cheese, Single Cream
AFB1 (Aflatoxin B1)	Cereals, Feed, Traditional Chinese medicine

Microbiology	Sample Type
SET (Staphylococcal aureus Enterotoxin Total)	Milk, Yogurt, Milk powder
Salmonella	Milk, Feed, Water, other food

Vitamins	Sample Type
VH (Biotin)	Multivitamin juices, Cereals, Baby food and flour
VB12 (Cyanocobalamin)	Multivitamin juices, Cereals, Baby food and flour
VB9/VB11 (Folic acid)	Multivitamin juices, Cereals, Baby food and flour

Food Allergens	Sample Type
Peanut	Cake, Candy, Ice cream

## CITATION

Target	Cat. No.	Citation Information	IF	Method	Sample Type
QNs (Quinolones)	E-FS-C027	Majdinasab M , Mitsubayashi K , Marty J L . Optical and Electrochemical Sensors and Biosensors for the Detection of Quinolones[J]. Trends in Biotechnology, 2019, 37(8):898-915.	13.747	LFD	Muscle, Honey
DZP (Diazepam)	E-FS-E027	Fengler S , Kurkowsky B , Kaushalya S , et al. Human iPSC-derived brain endothelial microvessels in a multi-well format enable permeability screens of anti-inflammatory drugs[J]. Biomaterials, 2022, 286:121525.	12.479	ELISA	PBMCs
AFM1 (Aflatoxin M1)	E-TO-E007	Saipriya R , Abdallah E , Ashutosh S . An Aflatoxin-M1 biochip using graphene quantum dot-gold hybrid nanoparticles[J]. Food Chemistry, 2023, 403:134302.	9.231	ELISA	Milk
QNs (Quinolones)	E-FS-E034	Yu W , Hu M , Qi W , et al. From pretreatment to assay: A chemiluminescence- and optical fiber-based fully automated immunosensing (COFFAI) system[J]. Sensors and Actuators B: Chemical, 2022, 362:131820.	7.46	ELISA	Milk
DON (Deoxynivalenol)	E-TO-E011	Jiang Q , Wu J , Yao K , et al. Paper-Based Microfluidic Device (DON-Chip) for Rapid and Low-Cost Deoxynivalenol Quantification in Food, Feed, and Feed Ingredients[J]. ACS Sensors, 2019, 4(11):3072-3079.	6.944	ELISA	Feed

Tel: 1-240-252-7368

Fax: 1-240-252-7376

E-mail: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

[www.elabscience.com](http://www.elabscience.com)

**Elabscience®**

Elabscience Biotechnology Inc.