

FOOD SAFETY ASSAY KITS

【 KEEP YOU AWAY FROM FOOD CONTAMINATION 】

Food safety incidents are problems facing all countries in the world and are related to the health of human life. Elabscience has developed food safety detecting products for researchers on the basis of our technological advantages accumulated in immunological testing.

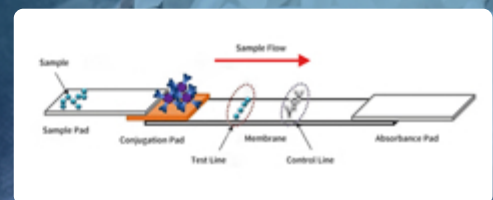
DETECTION METHODS

Elabscience offers you 2 alternative detection methods, which are widely and efficiently applied.

» GICA Immune Colloidal Gold Technique



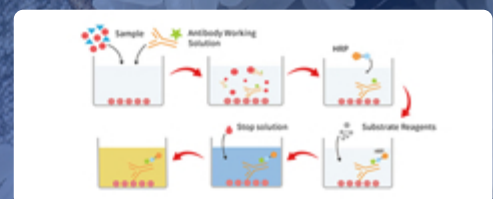
- Rapid Test: 10-20 minutes for a single sample.
- Efficient: Multiple targets can be detected simultaneously.
- Convenient: The result is visual, no need for professional training.
- Accurate: The false positive rate of test card is below 6%.



» ELISA Enzyme-Linked ImmunoSorbent Assay, ELISA



- The CV value of standards is below 10%.
- High sensitivity and specificity.
- The test result is accurate and the instrument is standardized. The detection time of the same batch of samples is 1-2 hours.



Elabscience provides a variety of well-selected products, enabling you to accelerate your Food Safety research.



Two test methods for different inspection needs:
GICA and ELISA



Wide range of applications:
Applicable to animal products, aquatic products, dairy products, bee products, and grain, etc.



Serving the entire food industry: Including aquaculture monitoring, inspection of original material, new-product development, quality control and guarantee, etc.



Detecting multiple types of risk substances: Mycotoxins hazardous substances, etc.

Available Targets for Food Safety Assay

Category	Targets
Aflatoxin	Aflatoxin B1 (AFB1)、Total Aflatoxin (AF)、Aflatoxin M1 (AFM1)
Zearalenone	Zearalenone (ZEN)
T-2 Toxin	T-2 Toxin (T-2)
Fumonisin	Fumonisin B1 (FB1)
Deoxynivalenol	Deoxynivalenol (DON)
Ochratoxin A	Ochratoxin A (OTA)
Nitrofurans & their metabolites	Furaladone Metabolite (AMOZ)、Furazolidone Metabolite (AOZ)、Aminohydantoin Hydrochloride (AHD)、Nitrofurazone Metabolite (SEM)
β -agonists	Clenbuterol (CLE)、Ractopamine (RAC)、Salbutamol (SAL)、Phenylethanolamine A (PHEA)、Clenbuterol-Ractopamine-Salbutamol (CLE-RAC-SAL)、Cimaterol (CIM)、beta-agonist (β -agonist)、Clorprenaline (CLO)、Terbutaline (TER)
Chemical Substance	Malachite Green (MG)、Melamine (MEL)、Sudan (SUD)、Quinoxaline-2-carboxylic acid (QCA)、Pentachlorophenol Sodium (PCS)
Chloramphenicols	Chloramphenicol (CAP)、Florfenicol (FF)、Thiamphenicol (TP)
Quinolones	Quinolones (QNs)、Ciprofloxacin (CPFX)、Sarafloxacin (SAR)、Enrofloxacin (ENR)、Fluoroquinolones (FQNs)、Norfloxacin (NOR)
Sulfonamides	Sulfonamides (SAs)、Trimethoprim (TMP)、Sulfamethoxazole (SMZ)、Sulfonamides of 3-in-1 (SAs)、Sulfonamides of 7-in-1 (SAs)、Sulfonamides of 15-in-1 (SAs)、Sulfonamides of 17-in-1 (SAs)、Total Sulfonamides (SAs)、Sulfamethazine (SM2)、Sulfaquinoxaline (SQX)、Sulfamonomethoxine (SMM)、Sulfamethoxydiazine (SMD)
Tetracyclines	Tetracyclines (TCs)、Chlorotetracycline (CTC)
Hormones	Diethylstilbestrol (DES)、Dexamethasone (DEX)
Aminoglycosides	Streptomycin (SM)、Neomycin (Neo)、Gentamicin (Gen)、Kanamycin (KAM)
β -lactams	Amoxicillin (AMO)、Ampicillin (AP)
Others	Methyl-3-quinoxaline-2-carboxylic acid (MQCA)、Olaquinox (OOX)、Diazepam (DZP)、Nitroimidazole (NMZ)、Tylosin (TYL)、Lincomycin (LIN)、Tilmicosin (TMC)、Diclazuril (Dic)、Abamectin (ABA)、Doramectin、Erythromycin (ERY)、Amantadine (Am)、Ribavirin (RB)、Ceftiofur Metabolite (CM)