



# Food and Drug Residues Detection Products

Nowadays, food safety has become a global issue because it affects the health of everyone. ELISA is a powerful immunoassay that can qualitatively or quantitatively detect the bacteria, parasites, chemicals, drug residual and other food contaminations.

CUSABIO ELISA kits are especially designed to meet high quality demands in food and drug residues testing, mainly focusing on chemical contaminants comprising on natural and artificial contaminants. CUSABIO developed effective solutions to detect food and drug residues such as Gentamicin (GEN), Kanamycin (KA), Aflatoxin, and so on.



## Understanding How to Detect Food Safety & Drug Residues Using ELISA Kits

ELISA Kit is based on specific reaction of antigen-antibody. Antigen is pre-coated on microplate, then standard (or sample), HRP conjugated secondary antibody and specific antibody are added to each well of microplate successively. Competitive binding of the specific antibody occurs between the pre-coated antigen and standard (or sample). Meanwhile, HRP conjugated secondary antibody will bind to the specific antibody as well. At last, as TMB Substrate is added to each well, the color will change.

By co-developing mycotoxin testing ELISA Kit with Oil Crops Research Institute, Chinese Academy of Agricultural Sciences (CAAS) and National Agricultural Testing Standard Laboratory (Biotoxin), our products boast following **advantages**:

1. Uniform sample pretreatment—one extraction can be used to detect several mycotoxins;
2. High stability and specificity—we produce some raw materials: antibody by ourselves;
3. Minimal training for operation.



You can also get quantitative result using Microplate Reader.



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## ☉ Toxin ELISA Kit

Code	Product Name	Sample Types	Detection Range	Size
CSB-E14087	Aflatoxin B1 (AFB1) ELISA kit	feedstuff, feed, grain, edible oil	0.15 µg/kg-4.05 µg/kg	96T
CSB-EL027236	Aflatoxin M1 (AFM1) ELISA kit	milk, raw milk, yoghurt, milk powder, cheese, cream	5 ppt-135 ppt	96T
CSB-E12829f	Deoxynivalenol (DON) ELISA kit	feedstuff, feed, grain	1 µg/kg-81 µg/kg	96T
CSB-E11104	Fumonisin B1 ELISA kit	corn, feed	3 ppb-243 ppb	96T
CSB-EFD027449	Ochratoxin A (OTA) ELISA kit	food, cereals	0.15 µg/kg-4.05 µg/kg	96T
CSB-EFD027448	T-2 toxin (T2) ELISA kit	feedstuff, feed, grain	0.3 µg/kg-8.1 µg/kg	96T
CSB-E09923	Total Aflatoxins ELISA kit	feed, peanuts, rice, corn, edible oil, tissue	0.02 ppb-1.62 ppb	96T
CSB-E12830f	Zearalenone (ZEN) ELISA kit	feedstuff, feed, grain	0.15 µg/kg-4.05 µg/kg	96T

## ☉ Drug Residue ELISA Kit

Code	Product Name	Sample Types	Detection Range	Size
CSB-E51A	Amantadine ELISA kit	tissue, feed	0.5 ppb-40.5 ppb	96T
CSB-EFD028242	Aminohydantoin (ADH) ELISA kit	tissue (fish, shrimp, chicken, duck, pork, beef)	0.02 ppb-0.75 ppb	96T
CSB-E12037f	Chloramphenicol (CAP) ELISA kit	honey, eggs, tissue, aquatic product	0.01 ppb-0.81 ppb	96T
CSB-E12022f	Clenbuterol (CL) ELISA kit	tissue, feed, urine	0.05 ppb-4.05 ppb	96T
CSB-EFD028240	Dexamethasone (DXM) ELISA kit	muscle, milk, feed	0.1 ppb-8.1 ppb	96T
CSB-E12035f	Enrofloxacin (ER) ELISA kit	tissue (chicken, pork, duck, fish, shrimp), egg, serum, honey	1 ppb-81 ppb	96T
CSB-EFD028230	Erythromycin (E-Mycin) ELISA kit	eggs, chicken	0.15 ppb-12.15 ppb	96T
CSB-E12036f	Fluoroquinolones ELISA kit	honey, tissue (pork, chicken, liver, fish, shrimp)	1 ppb-81 ppb	96T
CSB-EFD028241	Furaltone Metabolite (AMOZ) ELISA kit	tissue (fish, shrimp, chicken, duck, pork, beef)	0.03 ppb-1 ppb	96T
CSB-E12038f	Furazolidone (AOZ) ELISA kit	tissue (fish, shrimp, chicken, duck, pork, beef)	0.02 ppb-0.75 ppb	96T
CSB-E12088f	Gentamicin (GEN) ELISA kit	milk, tissue (pork, liver, chicken)	0.3 ppb-24.3 ppb	96T
CSB-EFD1027696	Kanamycin (KA) ELISA kit	milk, milk powder, tissue (chicken, pork)	0.5 ppb-40.5 ppb	96T
CSB-EFD027642	Malachite Green ELISA kit	fish, shrimp	0.025 ppb-0.4 ppb	96T
CSB-EFD028229	Neomycin (NMC) ELISA kit	honey, milk, milk powder, tissue (chicken, pork, liver)	0.1 ppb-8.1 ppb	96T
CSB-E12030f	Nitrofurazone (SEM) ELISA kit	tissue (fish, shrimp, chicken, duck, pork, beef)	0.02 ppb-0.75 ppb	96T
CSB-E12095f	Penicillin G (benzyl penicillin) ELISA kit	tissue (chicken, pork, liver), pig urine, milk	15 ppt-1215 ppt	96T
CSB-EFD028239	Phenylethanolamine A ELISA kit	tissue, feed, urine	0.1 ppb-8.1 ppb	96T
CSB-E12023f	Ractopamine (RA) ELISA kit	tissue, feed, muscle, liver, urine	0.1 ppb-8.1 ppb	96T
CSB-EFD028179	Salbutamol (SALB) ELISA kit	tissue, feed, liver, urine	0.1 ppb-8.1 ppb	96T
CSB-EFD028237	Stilbestrol ELISA kit	tissue, feed, urine	0.1 ppb-8.1 ppb	96T
CSB-E12087f	Streptomycin (SM) ELISA kit	tissue, honey, milk, milk powder	0.1 ppb-8.1 ppb	96T
CSB-EFD028097	Sulfadimidine (SM2) ELISA kit	tissue, urine, honey, milk, egg	0.5 ppb-40.5 ppb	96T
CSB-EFD027641	Sulfamethoxazole (SMZ/SMX) ELISA kit	honey, milk, serum, urine, tissue	1 ppb-81 ppb	96T
CSB-E12083f	Sulfathiazole (ST) ELISA kit	honey, chicken, pork, fish and shrimp	1 ppb-27 ppb	96T
CSB-E12094f	Sulfonamides (SAs) residue ELISA kit	milk, tissue (chicken, pork, beef, liver, sheep), swine urine, eggs	1 ppb-81 ppb	96T
CSB-E12090f	Tetracyclines ELISA kit	honey, tissue (chicken, pork)	0.05 ppb-4.05 ppb	96T
CSB-EFD028231	Tylosin (TYL) ELISA kit	muscle, liver, honey	1.5 ppb-121.5 ppb	96T