

# FaVEx

FAST VETERINARY DRUG EXTRACTION

The fastest veterinary drug pretreatment technology\_

## FaVEx-NM (for common veterinary drugs)

- FaVEx-NM is the fastest extraction methods and meet a wide variety of veterinary drugs.
- More than 100 veterinary drugs can be extracted and purified by FaVEx-NM, including Sulfonamide, Quinolone, CAP, Antibiotics, Antiprotozoal drugs, MG, CV, and Ionophore Coccidiostats.
- Reduce more than 90% sample preparation and instrument analysis time.
- High recovery and reproducible results for a wide range of compounds.

## FaVEx-HP

- FaVEx-HP is an extraction and purification kit designed for 33 or more highly polar veterinary drugs, including tetracyclines, macrolides, and other high polar veterinary drugs.
- One step extraction and purification, all target compounds can be successfully tested at the same time.
- Compared to traditional solid-phase extraction methods, pre-treatment of 20 samples can be completed within 1 hour using FaVEx-HP.

## FaVEx-AG (fo $\beta$ -agonists)

- FaVEx-AG is a high efficiency purification kit for  $\beta$ -agonists analysis, which can be applied for 29  $\beta$ -agonists at the same time.
- Cut off 80% sample preparation and instrument analysis time.



Fast Extraction New Method  
- One step purification

more than **400+**  
PESTICIDES

Extract more than 400 pesticides simultaneously

**60%**  
SAVE TIME

Cut at least 60% of labor cost

ECO-FRIENDLY

Reduce at least 50% of organic solvent



# FaPEX

FAST PESTICIDE EXTRACTION



- Extract more than **400 pesticides** simultaneously
- Easier and more efficient extraction
- Cut at least **60%** of labor cost
- Less operating equipment
- Less organic solvent and waste

## What is FaPEX ?

► FAST | SIMPLE | GREEN

FaPEX is the abbreviation of Fast Pesticide Extraction which is the fast extraction technique of pesticide residue in agricultural products. FaPEX is now the fastest method in the world. This technique was researched and developed by Taiwan AGRICULTURAL CHEMICALS AND TOXIC SUBSTANCES RESEARCH INSTITUTE ( TACTRI ), it awarded the patent of Taiwan government already in 2015.

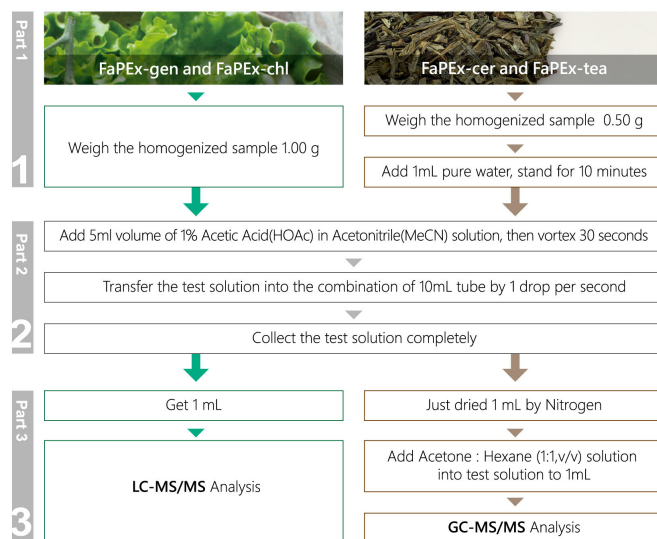
FaPEX is easier and more efficient than QuEChERS method. You can get the following benefit, more 3 times of total efficiency. Less operating equipment. Cut at least 60% of labor cost. Reduce at least 50% of organic solvent. Less waste.

## FaPEX Application

- General Vegetable and Fruit samples
- Chlorophyll samples
- Cereal samples
- Tea samples



## FaPEX Operation Procedure



## FaDEX

- Extract a range of drugs with high sensitivity and specificity
- Reduce sample preparation and extraction time
- Improve laboratory efficiency and throughput
- Obtain reliable and consistent results

FaDEX is the abbreviation of Fast Drug Extraction, which is applicable for drug abuse testing in urine samples. Our kit is designed to extract a range of drugs, including opioids, amphetamines, and benzodiazepines, with high sensitivity and specificity. The operation procedure of this method is quite easy and fast. Compared with other methods, FaDEX-UR method is able to save more than 80% of manpower and costs.

**80%**  
SAVE TIME

Save more than 80% of manpower and costs.



Able to testing ► Opioids | Amphetamines | Benzodiazepines

## FaTEX

FAST TOXIN EXTRACTION

- Fast and efficient mycotoxin extraction and purification
- SPE based method, easy to transport and store.
- Able to testing 11 different mycotoxins at the same time
- Save time, reduce labor costs, and minimize the use of hazardous chemicals

Fast Toxin Extraction (FaTEX) is a fast and efficient mycotoxin extraction kit that can extract multiple mycotoxins from a range of food and feed samples. FaTEX is based on solid-phase extraction (SPE), instead of immunoaffinity chromatography (IAC).



Able to testing

**11 different mycotoxins** at the same time

- Aflatoxin B1
- Aflatoxin B2
- Aflatoxin G1
- Aflatoxin G2
- Deoxynivalenol
- Fumonisin B1
- Fumonisin B2
- HT-2 toxin
- Ochratoxin A
- T-2 toxin
- Zearalenone

