

# DRUG RESI- DUE



## NATIONAL PUBLIC HEALTH LABORATORY



**MINISTRY OF HEALTH  
MALAYSIA**

## INTRODUCTION

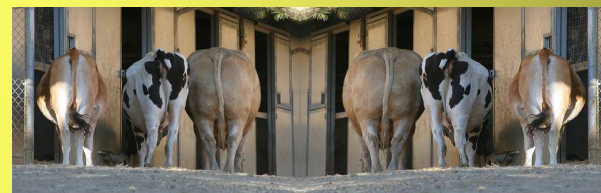
Drugs are widely used as veterinary medicine against endoparasites or prevention and treatment of diseases in food-producing animals. They are applied as feed additives or injections.

The antimicrobial, antiparasite, fungicide and antiseptic applications could result in the presence of their residues in food consumed by human that could produce negative implications to their health and the misuse of these drugs too could result in the formation of drug resistant bacteria.

Mutagenic, carcinogenic and toxic properties of these drugs have been reported and some of them had been banned from being used and some had been allowed to use with certain level of amount which had been required by law across the countries.

## PURPOSE

- Providing analytical and diagnostic laboratory services for surveillance, export and import monitoring programs for Ministry of Health
- Providing laboratory services in identification of causative agents during outbreak and crisis
- Providing monitoring program for festive seasons such as Eid Mubarak, Chinese New Year and Christmas
- Training and Reference Centre for Food Laboratories of Ministry of Health
- Participating in Proficiency Test Program such as FAPAS & FODAS
- Involved in current method development and research



## SAMPLE REQUIREMENT FOR ANALYSIS

Type of Samples	Requirement
Meat and Meat Products	Min 500g (edible portion)
Fish and Fish Products	Min 1000g
Edible Offal	Min 250g - 500g
Eggs & Egg Products	Min 500g
Milk & Milk Products	Min 500g or 500ml
Sweetening Substances	Min 250g or 250ml
Coffee Products (Inhibitor of phosphodiesterase type 5)	Min 250g - 500g