



VETERINARY DRUG RESIDUES AND ADDITIVES

Veterinary drugs are usually administered within animal husbandry to cure and to prevent diseases, to increase weight gain and to tranquilize animals during transportation. These drugs consist of a complex group of hundreds of substances belonging to different chemical classes and therapeutic areas i.e., antibiotics, antiparasitics, nonsteroidal anti-inflammatory drugs, growth promoters such as steroid hormones and betaagonists, and many others.

The widespread use of veterinary drugs in livestock is of great concern as their presence in edible products could induce severe consequences on human health: i.e., hepato- and nefro-toxicity, side effects, allergic reactions, sterility, cancer, and last but not the least, drug contaminated food can favor anti-microbial resistance.

We provide broad support for the needs of the meat, dairy, aquaculture, animal husbandry, veterinary, and other industries.

Antimicrobials

- Sulfonamides
- Quinolones
- Streptomycin
- Tylosin
- Chloramphenicol
- Nitrofurans metabolites (AOZ, AMOZ, SEM, AHD)

Beta-agonists

- Clenbuterol

Steroids and RALs

- Zeranol
- Trenbolone

Others

- Corticosteroids

Key Benefits of the VDR ELISA Kits

ELISA test kits for the detection of low levels of drug residues as well as the presence of a number of structure-related contaminants.



I'screen Quantitative ELISA Test Kits

Product	Target	Product description	No. of tests / Quantity	Article No.
I'screen SULFA	Sulfonamides family	Sensitive broad-range assay for the quantitative analysis of all the principal sulfonamides used in zootechniques.	96	HU0050003
I'screen STREPTO	Streptomycin	Sensitive assay for the quantitative detection of streptomycin and dihydrostreptomycin	96	HU0050013
Milk Standard for I'screen Strepto		1.5ml of Milk Standard	1.5 ml	HU0050019
I'screen TYLOSIN	Tylosin	Sensitive assay for the quantitative analysis of tylosin A	96	HU0050020
I'screen CAP	Chloramphenicol	Sensitive assay for the quantitative detection of chloramphenicol in different matrices	96	HU0050001
I'screen CAP v2	Chloramphenicol	Sensitive assay for the quantitative detection of chloramphenicol in seafood and other matrices	96	HU0050002
I'screen QUINO	Fluoroquinolones	Sensitive broad-range assay for the quantitative research of all the regulated fluoroquinolones used in zootechniques.	96	HU0050004
I'screen TRENB		Sensitive assay for the quantitative detection of trenbolone	96	HU0050022
I'screen ZERANOL	Zeranol	Sensitive assay for the quantitative detection of zeranol	96	HU0050023
I'screen CORTICO	Corticosteroids	Broad-range assay for the research of corticosteroids	96	HU0050007
β-agonists (clenbuterol) ELISA kit	Clenbuterol	Sensitive assay for the quantitative detection of clenbuterol	96	HU0050018



I'screen Rapid ELISA Test Kits

Product	Target	Product description	No. of tests / Quantity	Article No.
I'screen AOZ Rapid	AOZ	Test kit for the rapid quantitative detection of furazolidone metabolite in seafood, bovine and swine muscle, eggs and honey.	96	HU0050034
I'screen AMOZ Rapid	AMOZ	Test kit for the rapid quantitative detection of furaltadone metabolite in seafood, bovine and swine muscle, eggs and honey.	96	HU0050035
I'screen SEM Rapid	SEM	Test kit for the rapid quantitative detection of nitrofurazone metabolite in seafood, bovine and swine muscle and honey.	96	HU0050036
I'screen AHD Rapid	AHD	Test kit for the rapid quantitative detection of nitrofurantoin metabolite in seafood, bovine and swine muscle and honey.	96	HU0050037