



User's Manual

Moxidectin ELISA Kit



DEIASL116



96T



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

Creative Diagnostics

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PRODUCT INFORMATION

Intended Use

The Moxidectin ELISA is a competitive enzyme immunoassay intended for quantitatively detection of moxidectin in urine sample.

General Description

Moxidectin is a potent, broad-spectrum endectocide with activity against a wide range of nematodes and arthropods. It is used worldwide as a parasiticide in animals, such as dogs, cats, horses and cattle. Within the European Union, Maximum Residue Limits (MRLs) for moxidectin have been established.

Storage

The kit should to be stored in the refrigerator (2–8°C).

Assay Procedure

Antibody, conjugate and standard/sample are pipetted into the wells and incubated for 1 hour at 37°C. After a washing procedure ready-to-use substrate is added and incubated for 30 minutes at 20°C - 25°C. The reaction is stopped and the absorbance is read in a spectrophotometer at 450 nm.

Detection Limit

Matrices LOD (ppb)
Urine..... 2

Specificity

Antibody cross-reactivity:

| | |
|--------------------|--------|
| Moxidectin | 100% |
| Nemadectin | 47% |
| Abamectin | <0.01% |
| Ivermectin | <0.01% |
| Doramectin | <0.01% |
| Eprinomectin | <0.01% |