



User's Manual

Diaveridine ELISA Kit



DEIANS025



1 Kit (96T), 1 Pack (96T×5), 1 Pack (96T×50)





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

Diaveridine ELISA (Enzyme-Linked Immunosorbent Assay) kit is intended for the quantitative determination of Diaveridine residue in milk and honey.

General Description

Diaveridine (DVD) is an antibacterial synergist which can interfere with bacterial nucleic acid synthesis. DVD has broad-spectrum antibacterial activity against most Gram-negative and Gram-positive bacteria, including *Escherichia coli*, *Clostridium* spp., *Salmonella* spp., *Staphylococcus aureus* and *Bacillus anthracis*. DVD also has remarkable activity against coccidia. Therefore, it is widely used to prevent chicken coccidiosis, fowl cholera and pullorum.

Storage

Store the unopened product at 2 - 8 °C. Do not use past expiration date.

Precision

<10%

Detection Range

0.13-1.38 µg/L

Sensitivity

0.43 µg/L

Specificity

Diaveridine (DVD) 100%

Trimethoprim (TMP) <10%

Ormetoprim (OMP) <10%

Baquiloprim (BQP) <10%

Sulfadiazine (SD) <10%

Sulfamethazine (SM2) <10%

Sulfadimethoxine (SDM) <10%

Sulfathiazole (ST) <10%

Recovery

89.0%-113.8%