



User's Manual

Ileitis Antibody ELISA Kit

REF

DEIA6124



192T

RUO

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.

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PRODUCT INFORMATION

Intended Use

This Ileitis Antibody ELISA is a blocking ELISA for the detection of exposure to *Lawsonia* (L.) *intracellularis* in pigs. This assay is successfully applied worldwide for determining epidemiological status on farm level and for proper scheduling of preventative and control measures.

General Description

Ileitis is a wide spread enteric disease caused by the intracellular bacteria *L. intracellularis*. Epidemiology is strongly influenced by farm characteristics, thus showing big variations in time of onset, severity and prevalence of infection. The two major forms of Ileitis are a subclinical disease of chronic diarrhea leading to poor performance in pigs or an acute disease resulting in severe diarrhea with high mortality. Both forms result in severe financial concerns.

Preventing or reducing incidence and severity of clinical disease as well performance improvements are major goals in controlling Ileitis. Due to human health concerns the use of antibiotics has become more and more under scrutiny in recent years. Therefore control and prevention of Ileitis through vaccination, management improvements and biosecurity has gained importance. Preventative methods shall be scheduled prior to anticipated onset of relevant infection with *L. intracellularis*. Serology is an effective tool for confirming exposure therefore overcoming the limitations of detecting *L. intracellularis* in fecal samples.

Performance Characteristics

The CD Ileitis Antibody ELISA showed good agreement with commonly used direct and indirect methods for detecting *L. intracellularis* infection. The IFAT and CD Ileitis Antibody ELISA results correlated well with the duration of *L. intracellularis* shedding