

Link do produktu: <http://www.novazym.sklep.pl/vetpcr-c-perfringens-48d-p-622.html>



# VetPCR? C. perfringens (48D)

Numer katalogowy

**VET-A006-48D**

## Opis produktu

### **Clostridium perfringens PCR Detection Kit**

Clostridial necrotic enteritis is a relatively common disease in avian species. Clostridium perfringens is a large Gram negative, sporeforming, anaerobic bacterium that causes necrotic enteritis and subclinical disease in chickens and turkeys. Infection in commercial poultry has been increasing at an alarming rate. Disease is generally caused by type-C strains of C. perfringens producing toxin in the small intestines of birds, resulting in rapid loss of condition and weight loss, lethargic behavior, decreased appetite, and blood stained or undigested food. The toxin and its effects may remain in the system for extended periods of time even after the original bacterial infection has been treated.

VetPCR? C. perfringens Detection Kit is the direct detection of Clostridium perfringens on the basis of a genetic data base, so it can diagnose very fast and accurately. It can amplify only specific gene using the PCR (Polymerase Chain Reaction) method, and take only 3 hours for detection. Therefore, it is a very fast, accurate and reliable technique.

#### **Characteristics**

Ready to use : only DNA template and D.W. are needed. Easy and speed protocol. Stable for 1 year at -20°C. Time-saving and cost-effective.

#### **Contents**

#### **Interpretation of the Test Result**

Expected PCR product size : 375bp

#### **Fig. 1 Result:**

Lane M: Brig? Molecular Weight Marker  
Lane 1~2: C. perfringens Positive samples  
Lane I.C.: Internal control  
Lane P: Positive control  
Lane N: Negative control