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Link do produktu: http://www.novazym.sklep.pl/humpcr-c-jejuni-48d-p-3986.html



# HumPCR? C. jejuni (48D)

Numer katalogowy

HUM-N006-48D

# Opis produktu

# HumPCR? C. jejuni (48D)

Campylobacter is a leading cause of bacterial diarrheal disease worldwide. Most infections are caused by Campylobacter jejuni. C. jejuni is carried normally in the intestinal tracts of many domestic and wild animals. The disease is characterized by fever, diarrhea, abdominal pain, and occasionally, nausea, and vomiting. More severe presentations can occur, including bloodstream infection and disease mimicking acute appendicitis or ulcerative colitis. C. jejuni infection can trigger GuillainBarré syndrome. The major modes of transmission include eating contaminated foods (especially undercooked chicken and foods contaminated by raw chicken), drinking raw milk or contaminated water, or having contact with animals, particularly farm animals such as poultry, sheep, and cattle, as well as cats and dogs HumPCR? C. jejuni Detection Kit is the direct detection of Campylobacter jejuni on the basis of a genetic database, so it can diagnose very fast and accurately. It can amplify only speci?c 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.

| Products                               | Code 48 rxs  | Code 96 rxs |
|--|--------------|-------------|
| Campylobacter jejuni PCR Detection Kit | HUM-N006-48D | HUM-        |
| N006-96D                               |              |             |

#### CONTENTS

| Purification Kit               | Quantity 48 rxs | Quantity 96 rxs | Package |
|--------------------------------|-----------------|-----------------|---------|
|                                |                 |                 |         |
| HumPCR™ C. jejuni Premixture   | 1               | 1               | Vial    |
| PCR Internal Control           | 1               | 1               | Vial    |
| DNase/RNase free water         | 1               | 1               | Vial    |
| C. jejuni PCR Positive control | 1               | 1               | Vial    |
| PCR Negative control           | 1               | 1               | Vial    |
| Mineral Oil Solution           | 1               | 1               | Vial    |
| Brig™ Molecular Weight marker  | 1               | 1               | Vial    |
| DNA purification kit           | 50              | 100             | Test    |
|                                |                 |                 |         |

## **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-e?ective.

## INTERPRETATION OF THE TEST RESULT



|             | М | 1 | 2            | I.C.   | Р   | N                          |                  | Fig. 1 Result: |                  |
|-------------|---|---|--------------|--------|---|----------------------------|------------------|----------------|------------------|
| 1200bp ←    |   |   |              |        |   |                            |                  | PCR size       | 304 bp           |
| 700bp 📛 🔤   |   |   |              | Lane M | Brig™ Molecular Weight Marker (Bioingentech Ltd.) |                            |                  |                |                  |
|             |   | _ |              |        | Lane 1~2  | C. jejuni Positive samples |                  |                |                  |
| 300bp 🖛 🔤 🖬 | _ |   |              |        | 304bp   | Lane I.C.                  | Internal control |                |                  |
|             |   |   |              | I      | Lane P  | Positive control           |                  |                |                  |
|             |   |   | <b>140bp</b> |        |   |                            |                  | Lane N         | Negative control |