Campylobacter jejuni

DAG4688  C. jejuni
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview: Campylobacter jejuni
Description: Partially purified detergent extract of the membrane fraction. The antigen is presented in water. The main component is an outer membrane protein with approximately 45 kDa in SDS-PAGE.
Source: Blood agar
Species: C. jejuni
Immunogen: Campylobacter jejuni
Inactivation: Disruption and detergent treatment. Inactivity is confirmed by attempted growth under original culture conditions. Since no procedure can guarantee absolute sterility, the reagent should be handled with appropriate safety precautions.
Applications: By SDS-PAGE and ELISA

PACKAGING

Storage: -20° C to -80°C. Avoid repeated freeze-thaw cycles
Shipping: 10 years from manufacture

BACKGROUND

Introduction: Campylobacteriosis is an infectious disease caused by bacteria of the genus Campylobacter. Most people who become ill with campylobacteriosis get diarrhea, cramping, abdominal pain, and fever within 2 to 5 days after exposure to the organism. The diarrhea may be bloody and can be accompanied by nausea and vomiting. The illness typically lasts 1 week. Some persons who are infected with Campylo-bacter don’t have any symptoms at all. In persons with compromised immune systems, Campylobacter occasionally spreads to the bloodstream and causes a serious life threatening infection. The Campylobacter organism is actually a group of spiral shaped bacteria that can cause disease in humans and animals. Most human illness is caused by one species, called Campylobacter jejuni, but 1% of human Campylobacter cases are caused by other species.

Keywords: Campylobacter; C. jejuni; Campylobacter; Campylobacteraceae; Campylobacterales; Epsilon Proteobacteria; Proteobacteria; Campylobacter jejuni; Bacteria

REFERENCES