

**BP1016****Polyclonal Antibody to Clostridium perfringens (Enterotoxin B) - Serum**

<b>Quantity:</b>	0.5 ml
<b>Background:</b>	<p>Clostridium perfringens is an anaerobic, Gram positive bacterium widely found in soil and the intestinal tract of vertebrates. It is responsible for three clinical syndromes, including gas gangrene, enteritis necroticans (pig-bel), and food poisoning. At least 12 toxins are produced by C. perfringens, including 4 lethal toxins, hemolysins, proteases, neuraminidase, and enterotoxin. The ability of individual strains to produce the 4 lethal toxins forms the basis for a classifications scheme that divides the species into five types; A to E.</p> <p>Clostridium perfringens beta toxin is one of the lethal toxins of Clostridium perfringens. It shares sequence homology with the pore-forming Staphylococcus aureus Alpha-toxin, Staphylococcus aureus Gamma-toxin, and Staphylococcus aureus leukocidin.</p>
<b>Host:</b>	Sheep
<b>Immunogen:</b>	Native Culture filtrates of <i>C. perfringens</i> Type B/C, strains CN1240 and CN3424 (active toxin - Lf: 475 µ/ml, L+: 235 µ/ml).
<b>Format:</b>	<b>State:</b> Liquid Serum without preservatives.
<b>Applications:</b>	<b>ELISA.</b> <b>Toxin Binding Inhibition Assay (TOBI).</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects <i>Clostridium perfringens</i> . <b>Species:</b> Bacteria. Other species not tested.
<b>Storage:</b>	Store the antibody at -20°C. Ship at 2-8°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.