

Clostridium perfringens Collagenase antibody [cp-02]

Cat. No. GTX00865

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Applications	WB, ELISA
Reactivity	Clostridium perfringens, Clostridium histolyticum

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ELISA	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Culture supernatant of Clostridium perfringens
Purification	Purified IgM
Conjugation	Unconjugated

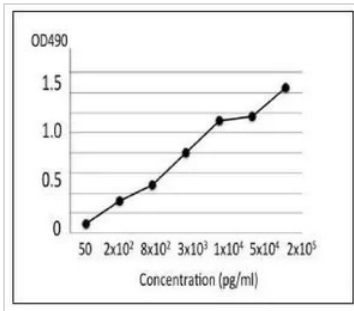
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTx00865 ELISA Image

ELISA analysis of culture medium of *C. perfringens* using GTx00865 *Clostridium perfringens* Collagenase antibody [cp-02].

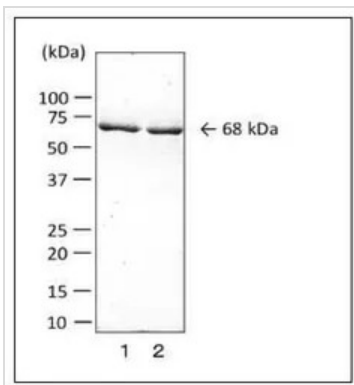
Protein coating amount : 100μl per well at indicated amount

Antibody amount : 100μl (1:500) per well

	ELISA	WB
<i>Clostridium perfringens</i> (ATCC13124)	+	68K
<i>Bacillus cereus</i>	—	—
<i>Staphylococcus aureus</i>	—	—
<i>Campylobacter jejuni</i>	—	—
<i>Salmonella Enteritidis</i>	—	—
<i>Vibrio parahaemolyticus</i>	—	—
<i>Escherichia coli</i> (ETEC)	—	—
<i>E. coli</i> O157:H7 (EHEC)	—	—
Purified Collagenase (from <i>C. histolyticum</i>)	+	68K

GTx00865 Image

Immunological reactivity of GTx00865 *Clostridium perfringens* Collagenase antibody [cp-02] with various food poisoning bacteria.

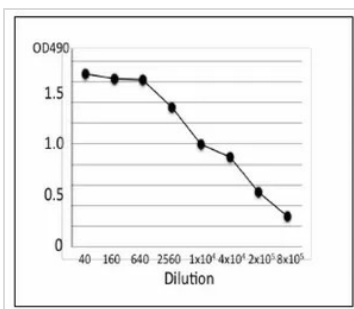

GTx00865 WB Image

WB analysis of various samples using GTx00865 *Clostridium perfringens* Collagenase antibody [cp-02]. The 68 kDa band in lane 2 is collagenase of *C. perfringens*.

Lane 1 : Purified collagenase of *C. histolyticum*

Lane 2 : Culture supernatant of *C. perfringens*

Dilution : 1:1000


GTx00865 ELISA Image

ELISA analysis of culture medium of *C. perfringens* using GTx00865 *Clostridium perfringens* Collagenase antibody [cp-02].

Protein coating amount : 100μl (1 μg/ml) per well

Antibody amount : 100μl at indicated dilution



For full product information, images and publications, please visit our [website](https://www.genetex.com).