



BMA BIOMEDICALS



Peninsula Laboratories

---

## T-4215

### Rabbit anti C-Peptide (human)

The connecting peptide, or C-peptide of human proinsulin, is a 31-amino-acid polypeptide that connects insulin's A-chain to its B-chain. In the context of diabetes or hypoglycemia, a measurement of C-peptide blood serum levels can be used to distinguish between different conditions with similar clinical features. In normal tissues, the antigen is found in pancreatic islet  $\beta$ -cells. C-peptide has been found to be a bioactive peptide in its own right, with effect on microvascular blood flow and tissue health.

This antibody was generated by immunization of rabbits with C-peptide coupled to a carrier protein.

---

#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A03368
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	50 $\mu$ l
<b>Format:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 $\mu$ l distilled water. This will give the equivalent of undiluted antiserum.
<b>Stability:</b>	Original vial: at least one year at 4 $^{\circ}$ - 8 $^{\circ}$ C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 $^{\circ}$ C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against C-peptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide coupled to carrier protein.
<b>Related Products:</b>	S-1242: ELISA, high sensitivity for extracted samples T-1313: monoclonal mouse anti human C-Peptide T-4213: anti C-Peptide (hu), diluted rabbit antiserum T-4214: anti C-Peptide (hu), purified rabbit IgG T-5013: anti Insulin (hu), diluted guinea pig antiserum T-5014: anti Insulin (hu), purified guinea pig IgG T-5015: anti Insulin (hu), neat guinea pig antiserum

---

This product contains no preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4215

neat serum

1.3.2021