



BMA BIOMEDICALS



Peninsula Laboratories

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**T-4243**

**Rabbit anti  $\beta$ -Calcitonin Gene-Related Peptide (human)  
[UniProt: P10092]**

$\beta$ -Calcitonin Gene-Related Peptide ( $\beta$ -CGRP) is a 37-amino acid peptide involved extensively in regulation of the cardiovascular and nervous systems.  $\beta$ -CGRP contains a disulphide bridge at the N-terminus, a C-terminal phenylalanine amide important for immune recognition, and an  $\alpha$ -helix between residues 8 and 18.

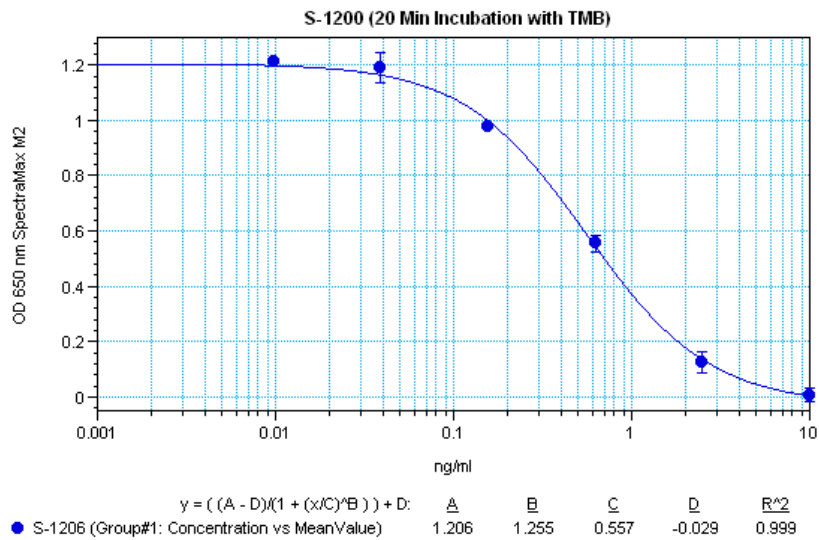
This antibody was generated by immunization of rabbits with  $\alpha$ -Calcitonin Gene-Related Peptide coupled to a carrier protein.

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**TECHNICAL AND ANALYTICAL CHARACTERISTICS**

<b>Lot number:</b>	A03251
<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 $\alpha$ -CGRP. 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 H-Ala-Cys-Asn-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Met-Val-Lys-Ser-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Lys-Ala-Phe-NH <sub>2</sub> , (Disulfide bond) coupled to carrier protein.

Typical titration curve of  $\beta$ -CGRP in a competitive ELISA with this antibody:



Related Products: T-4242: anti  $\beta$ -CGRP (hu), purified IgG, host: rabbit  
 T-4241: anti  $\beta$ -CGRP (hu) diluted antiserum, host: rabbit  
 S-1200: ELISA, high sensitivity, for extracted samples (hu)

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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.

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neat antiserum - hu

11.8.2020

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