



BMA BIOMEDICALS



Peninsula Laboratories

T-4569
Rabbit anti Big Endothelin-1 Fragment (22-38) (human)
[UniProt: P05305]

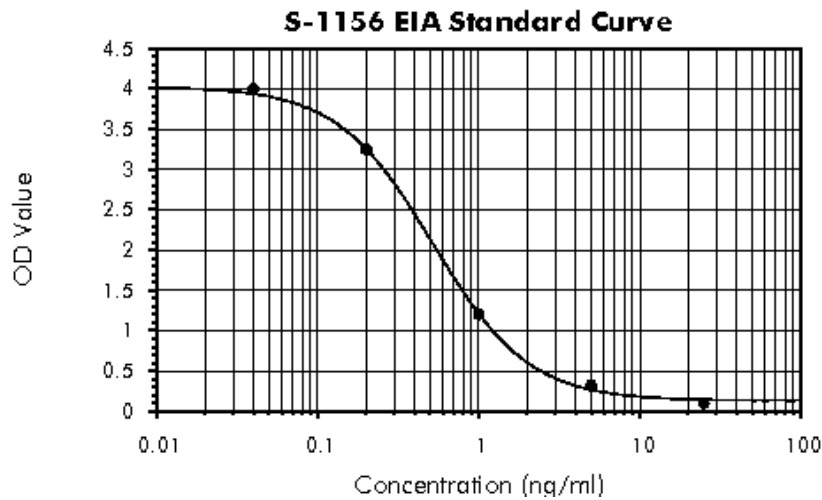
Big Endothelin-1 (Big ET), is a 38-amino-acid peptide and biological precursor of the potent vasoconstrictor Endothelin-1. It is cleaved to yield endothelin-1 and the C-terminal fragment (22-38) via the activity of a membrane-bound metalloproteinase called endothelin-converting enzyme (ECE). Endothelin is produced by several cell types including vascular endothelial cells, Mesangial cells and kidney cells. Big Endothelin-1 can be hydrolyzed by chymase to generate endothelin 1 (1-21) in vitro.

This antibody was generated by immunization of rabbits with Big Endothelin-1 Fragment (22-38) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

| | |
|----------------------|---|
| Lot number: | 029188 |
| Host species: | Rabbit IgG |
| Quantity: | 50µl |
| Format: | Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum. |
| Stability: | Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below. |
| Applications: | This antibody has been tested and validated in ELISA against Big Endothelin-1 Fragment (22-38). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information. |
| Immunogen: | Synthetic peptide H-Val-Asn-Thr-Pro-Glu-His-Val-Val-Pro-Tyr-Gly-Leu-Gly-Ser-Pro-Arg-Ser-NH ₂ coupled to carrier protein. |

Typical titration curve of Endothelin-1 in a competitive ELISA with this antibody:



Related Products:

- T-4048: anti Endothelin-1, diluted antiserum, host: rabbit
- T-4049: anti Endothelin-1, purified IgG
- T-5011: anti Endothelin-1, neat antiserum, host: guinea pig
- T-5010: anti Endothelin-1, diluted antiserum, host: guinea pig
- S-1156: ELISA, extraction-free for serum and plasma samples
- T-4735: anti Big Endothelin-1, diluted antiserum (rt)
- T-4574: anti Big Endothelin-1, diluted antiserum (hu)
- T-4575: anti Big Endothelin-1, purified IgG (hu)
- T-4572: anti Big Endothelin-1, neat antiserum (rt)
- T-4570: anti Big Endothelin-1 (22-38), diluted antiserum (hu)
- T-4571: anti Big Endothelin-1(22-38), purified IgG (hu)
- T-4573: anti Big Endothelin-1, neat antiserum (hu)

This product contains Thimerosal as a 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-4569

neat antiserum

1.12.2020