Big Endothelin-1 (rat), ELISA kit

The Big Endothelin-1 (rat), ELISA kit is a colorimetric immunometric enzyme immunoassay kit

The Big Endothelin-1 (rat), EIA kit is a colorimetric immunometric enzyme immunoassay kit with results overnight + 1 hour.

Endothelins (ET) are isopeptides produced by vascular endothelium that have potent vasoconstrictive activity. The peptides are encoded by three separate genes and processed to yield 39-residue "Big ET" molecules which are further processed to the 21 amino acid sequences designated ET-1, ET-2 and ET-3. ET action is mediated via binding to two receptors, ET_A and ET_B. Activation of ET_A increases vasoconstriction and sodium retention, thereby increasing blood pressure. Activation of ET_B receptors triggers the release of vasorelaxive factors such as nitric oxide (NO) and prostanoids from endothelial cells and increases urine production and elimination, thereby lowering blood pressure.

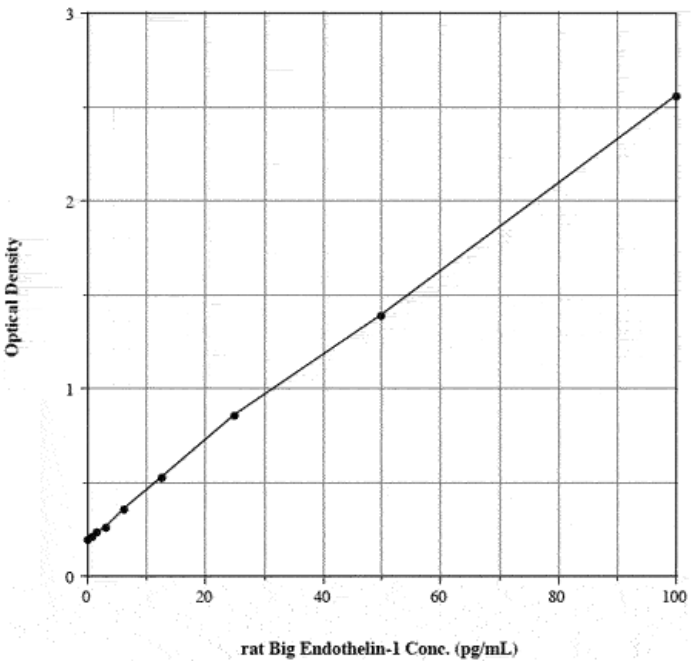
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Ordering Information Order Online »

ADI-900-073	96 wells

Manuals, SDS & CofA View Online »

- Measure low levels of rat Big ET-1
- Convenient 4°C storage
- Assay up to 38 samples in duplicate per plate


Optical Density
3
2
1
0
0
20
40
60
80
100
rat Big Endothelin-1 Conc. (pg/mL)

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Big ET-1
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of rat Big ET-1 in culture supernatants, plasma, and serum.
Assay Time	Overnight + 1 hour
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	Microtiter plate, Labeled antibody concentrate, Antibody diluent, Assay buffer, Wash buffer concentrate, Standard, TMB Substrate, Stop solution
Sensitivity	0.72 pg/ml (range 0.78 – 100 pg/ml)
Species Reactivity	Rat
UniProt ID	P22388
Wavelength	450 nm

Last modified: May 29, 2024

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