Big Endothelin-1 (human), ELISA kit

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

The Big Endothelin-1 (human), 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.

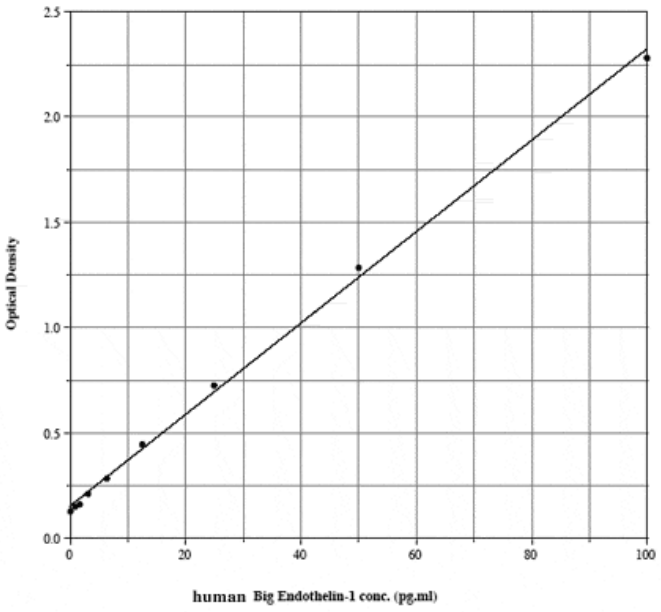
Citations: 4 View Online »

Ordering Information Order Online »

ADI-900-022	96 wells

Manuals, SDS & CofA View Online »

- Safe - non-radioactive determination of Big ET-1
- Easy-to-use - less steps compared to Western blot
- Reliable - consistent results lot-after-lot


Optical Density
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
human 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 human Big ET-1 in culture supernatants, serum, and EDTA plasma. Cited species and sample type include rabbit and lung lavage fluid.
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	0.30 pg/ml (range 0.78 – 100 pg/ml)
Species Reactivity	Human
UniProt ID	P05305
Wavelength	450 nm

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