

ARG82248 Endothelin 1 ELISA Kit (Fluorometric)

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82248 Endothelin 1 ELISA Kit (Fluorometric) is an Enzyme Immunoassay kit for the quantification of Endothelin 1 in plasma.
Tested Reactivity	Hu, Ms, Rat, Bov, Dog, Mk, Pig, Rb
Tested Application	ELISA
Specificity	Cross-Reactivity: Endothelin 1 (Human, Porcine, Rat, Mouse, Canine, Bovine, Rabbit, Monkey) (100%); Endothelin 2 (Human, Porcine, Rat, Mouse, Canine, Bovine) (100%); Endothelin 3 (Human, Porcine, Rat, Mouse, Canine, Bovine) (100%); Big Endothelin 1 (Human) (16%); Big Endothelin 2 (Human) (7%); Angiotensin II (Human) (0%); [Arg8]-Vasopressin (0%)
Target Name	Endothelin 1
Conjugation	HRP
Sensitivity	17.8 pg/ml
Detection Range	17.8 - 185 pg/ml
Sample Type	Plasma.
Standard Range	1 - 10000 pg/ml
Sample Volume	50 µl
Alternate Names	HDLCQ7; ET1; PPET1; ET-1; Preproendothelin-1; ARCND3; Endothelin-1; QME

Application Instructions

Assay Time Incubate overnight (16 - 24 hours) + 3 hours

Properties

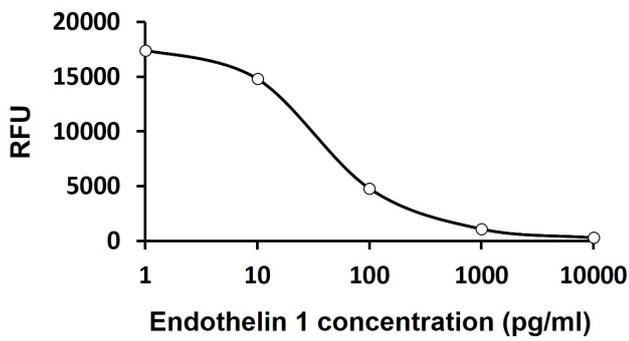
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	EDN1
Gene Full Name	endothelin 1

Background	The protein encoded by this gene is proteolytically processed to release a secreted peptide termed endothelin 1. This peptide is a potent vasoconstrictor and is produced by vascular endothelial cells. Endothelin 1 also can affect the central nervous system. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2009]
Function	Endothelins are endothelium-derived vasoconstrictor peptides. [UniProt]
Highlight	Related products: Endothelin antibodies ; Endothelin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG82248 Endothelin 1 ELISA Kit (Fluorometric) standard curve image

ARG82248 Endothelin 1 ELISA Kit (Fluorometric) results of a typical standard.