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Datasheet for ABIN6720145 Endothelin ELISA Kit

Image



Overview

Quantity:	1 kit
Target:	Endothelin
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	3.9 pg/mL - 250 pg/mL
Minimum Detection Limit:	3.9 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: Big endothelin 1, ET1, HDLCQ7, PPET1, Preproendothelin 1, EDN2, EDN2_HUMAN, Endothelin 2, Endothelin-2, ET 2, ET-2, ET2, PPET2, Preproendothelin 2, Preproendothelin-2, EDN3, EDN3_HUMAN, Endothelin-3, ET 3, ET-3, PPET3, Preproendothelin 3, Preproendothelin-3 Background: The endothelins is a family of structurally and pharmacologically distinct peptides, which has been identified and sequenced in humans. Three isoforms of human endothelin have been identified: endothelin-1, -2, and -3. Endothelin-1 is a potent, 21-amino acid vasoconstrictor peptide produced by vascular endothelial cells. Endothelins are 21-amino acid vasoconstricting peptides produced primarily in the endothelium having a key role in vascular homeostasis.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6720145 | 09/10/2023 | Copyright antibodies-online. All rights reserved. Endothelins are implicated in vascular diseases of several organ systems, including the heart, general circulation and brain. Endothelins are proteins that constrict blood vessels and raise blood pressure. They are normally kept in balance by other mechanisms, but when they are over-expressed, they contribute to high blood pressure(hypertension) and heart disease. Gene Name: EDN1
Production: Natural and recombinant mouse Endothelin. There is no detectable cross-reactivity with other relevant proteins.
Standard: Expression system for standard: human peptide, Immunogen sequence: C53-W73

Target Details

Target:	Endothelin
Abstract:	Endothelin Products
Gene ID:	13614
NCBI Accession:	NP_034234
UniProt:	P22387

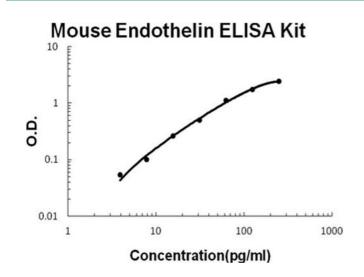
Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 16.5pg/mL, 7.8pg/mL,
	3.9pg/mL mouse Endothelin standard solutions into the precoated 96-well plate. Add 0.1 mL of
	the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	sample of mouse cell culture supernatants, serum or plasma(heparin, EDTA) to each empty
	well. We recommend that each mouse Endothelin standard solution and each sample is
	measured in duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 3.9pg/mL-250pg/mL
Sample Volume:	100 μL
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C

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Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images



ELISA

Image 1. Mouse Endothelin Accusignal ELISA Kit Mouse Endothelin AccuSignal ELISA Kit standard curve. Assay Range: 3.9pg/ml-250pg/ml. Sensitivity: <0.5pg/ml.