

## ARG82336 Rat Endothelin 1 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82336-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82336-002	Standard	2 X 1 ng/vial	4°C
ARG82336-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82336-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82336-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82336-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82336-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82336-008	25X Wash buffer	20 ml	4°C
ARG82336-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82336-010	STOP solution	10 ml (Ready to use)	4°C
ARG82336-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82336 Rat Endothelin 1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat Endothelin 1 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	Endothelin 1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	1.95 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	3.9 - 250 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.0% Inter-Assay CV: 7.3%

Alternate Names HDLCQ7; ET1; PPET1; ET-1; Preproendothelin-1; ARCND3; Endothelin-1; QME

## Application Instructions

Assay Time ~ 5 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

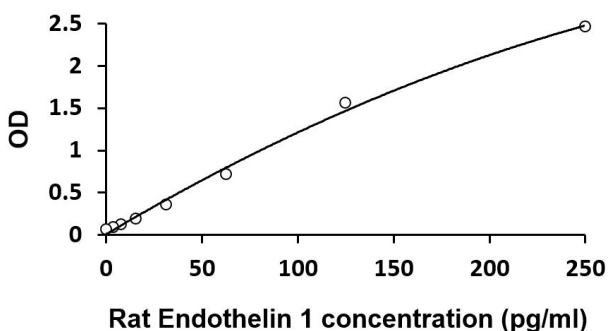
Background The protein encoded by this gene is proteolytically processed to release a secreted peptide termed endothelin 1. This peptide is a potent vasoconstrictor and is produced by vascular endothelial cells. Endothelin 1 also can affect the central nervous system. Two transcript variants encoding 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



ARG82336 Rat Endothelin 1 ELISA Kit standard curve image

ARG82336 Rat Endothelin 1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.