



# Rabbit Endothelin 1,ET-1 ELISA Kit

<b>Product Code</b>	CSB-E06951Rb
<b>Abbreviation</b>	EDN1
<b>Target Name</b>	endothelin 1
<b>Uniprot No.</b>	P29560
<b>Alias</b>	ET1, HDLCQ7, preproendothelin 1
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Oryctolagus cuniculus (Rabbit)
<b>Sample Types</b>	serum, plasma, tissue homogenates
<b>Detection Range</b>	6.25 pg/mL-400 pg/mL
<b>Sensitivity</b>	1.56 pg/mL
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
<b>Research Area</b>	Cancer
<b>Gene Names</b>	EDN1
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Sandwich
<b>Description</b>	This Rabbit EDN1 ELISA Kit was designed for the quantitative measurement of Rabbit EDN1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 6.25 pg/mL-400 pg/mL and the sensitivity is 1.56 pg/mL.
<b>Target Details</b>	This protein 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.
<b>Product Precision</b>	<p>Intra-assay Precision (Precision within an assay): CV%&lt;8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%&lt;10%</p> <p>Three samples of known concentration were tested in twenty assays to assess.</p>



## Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of rabbit ET-1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	86
	Range %	80-92
1:2	Average %	100
	Range %	91-105
1:4	Average %	96
	Range %	92-104
1:8	Average %	94
	Range %	86-98

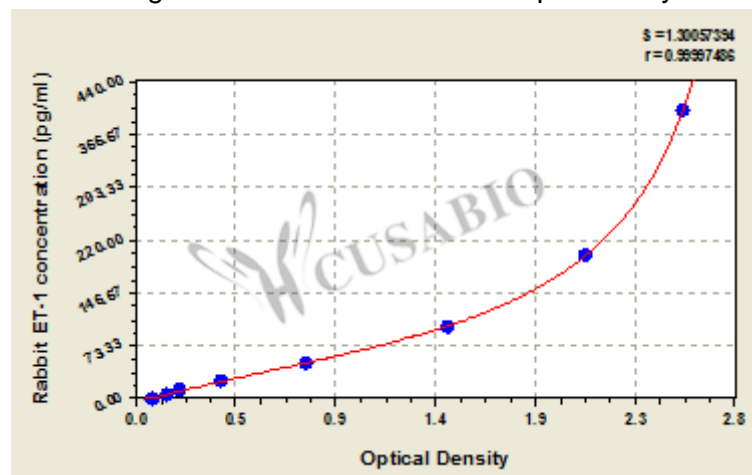
## Recovery

The recovery of rabbit ET-1 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	95	89-99
EDTA plasma (n=4)	98	90-106

## Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
400	2.630	2.456	2.543	2.458
200	2.111	2.076	2.094	2.009
100	1.459	1.443	1.451	1.366
50	0.816	0.769	0.793	0.708
25	0.415	0.389	0.402	0.317
12.5	0.218	0.203	0.211	0.126
6.25	0.147	0.149	0.148	0.063
0	0.088	0.082	0.085	?

## Msds

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