

Mouse Endothelin 1 (EDN1) RTU ELISA Kit | EDN1 rtu elisa kit

Mouse Endothelin 1 (EDN1) ELISA Kit

CATALOG # AAA70349	REACTIVITY Mouse
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PRODUCT SYNONYMS

Endothelin 1 (EDN1); Mouse Endothelin 1 (EDN1) ELISA Kit; ET1; PPET1; Preproendothelin-1; Big endothelin-1; EDN1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of E3. No significant cross-reactivity or interference between E3 and analogues was observed.
Sequence Length	202
Samples	General Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	1.56-100ng/mL
Sensitivity	0.52ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level E3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level E3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

ADDITIONAL INFORMATION

Related Product Information for EDN1 rtu elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of E3 in general serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to E3 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled E3 and unlabeled E3 (Standards or samples) with the pre-coated antibody specific to E3. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of E3 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of E3 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753720
NCBI GeneID	13614
NCBI Accession #	NP_034234.1

NCBI GenBank Nucleotide #	NM_010104.4
UniProt Accession #	P22387 ; P70203 ; P97338
Molecular Weight	22,809 Da
NCBI Official Full Name	endothelin-1 preproprotein
NCBI Official Synonym Full Names	endothelin 1
NCBI Official Symbol	Edn1
NCBI Official Synonym Symbols	ET-1; PPET1; preproET
NCBI Protein Information	endothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	Edn1
UniProt Synonym Gene Names	ET-1; PPET1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-rtu-elisa-kits/endothelin-1-edn1/70349>