

Rat Endothelial nitric oxide synthase, eNOS ELISA Kit | eNOS elisa kit

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CATALOG #
AAA11107

REACTIVITY
Rat

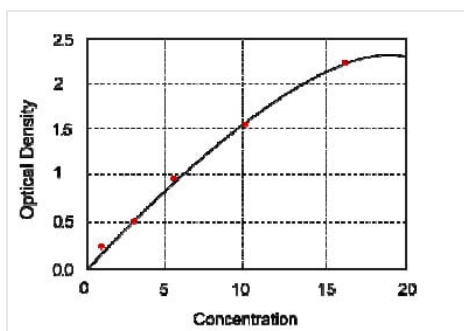
PRODUCT SYNONYMS

Endothelial nitric oxide synthase; eNOS; Rat Endothelial nitric oxide synthase; eNOS ELISA Kit; eNOS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1203
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-180ng/ml
Sensitivity	0.26ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for eNOS elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat eNOS antibody. eNOS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat eNOS Antibody is added and binds to eNOS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated eNOS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat eNOS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Endothelial nitric oxide synthase (also known as eNOS) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	825652
NCBI GeneID	4846
UniProt Accession #	P29474; Q13662; Q14251; Q14434; Q548C1; Q6GSL5; Q9UDC6; A0S0A7; A0S0A8; A8KA63; B2RCQ1; E9PFR2
Molecular Weight	68,965 Da
NCBI Official Full Name	endothelial nitric oxide synthase
NCBI Official Synonym Full Names	nitric oxide synthase 3
NCBI Official Symbol	NOS3
NCBI Official Synonym Symbols	eNOS; ECNOS
NCBI Protein Information	nitric oxide synthase, endothelial
UniProt Protein Name	Nitric oxide synthase, endothelial
UniProt Gene Name	NOS3
UniProt Synonym Gene Names	cNOS; eNOS; NOSIII

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.