

Guinea Pig Nitric Oxide Synthase 3, Endothelial (NOS3) ELISA Kit | NOS3 elisa kit

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CATALOG #
AAA42787

REACTIVITY
Guinea Pig

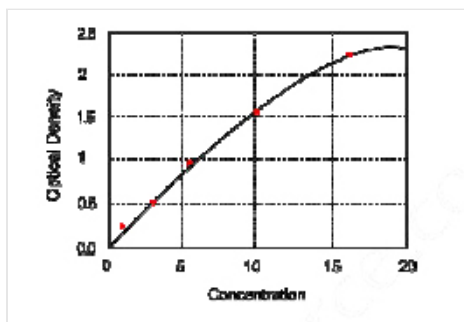
PRODUCT SYNONYMS

Nitric Oxide Synthase 3; Endothelial (NOS3); Guinea Pig Nitric Oxide Synthase 3; Endothelial (NOS3) ELISA Kit; NOS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml-70ng/ml
Sensitivity	0.094ng/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 NOS3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Guinea Pig Lipoprotein-associated Phospholipase A2 (also known as Lp-PLA2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Guinea Pig Lp-PLA2 antibody. Lp-PLA2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Guinea Pig Lp-PLA2 Antibody is added and binds to Lp-PLA2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Lp-PLA2 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 Guinea Pig Lp-PLA2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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://stage.aaabiotech.com/guinea-pig-pig-elisa-kits/nitric-oxide-synthase-3-endothelial-nos3/42787>