

Rat NADPH ELISA Kit | NADPH elisa kit

Rat NADPH (Nicotinamide Adenine Dinucleotide Phosphate) ELISA Kit

CATALOG #
AAA164430

REACTIVITY
Rat

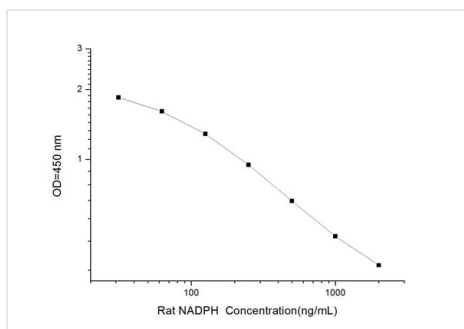
PRODUCT SYNONYMS

NADPH; Rat NADPH (Nicotinamide Adenine Dinucleotide Phosphate) ELISA Kit; NADPH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat NADPH. No significant cross-reactivity or interference between Rat NADPH and analogues was observed.
Sequence Length	349
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	31.25-2000ng/mL
Sensitivity	Min: 18.75ng/mL; Max: 2000ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NADPH elisa kit

Intended Uses: This ELISA kit applies to the invitro quantitative determination of Rat NADPH concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with NADPH. During the reaction, NADPH in the sample or standard competes with a fixed amount of NADPH on the solid phase supporter for sites on the Biotinylated Detection Ab specific to NADPH. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of NADPH in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83310649
NCBI GeneID	3806470
NCBI Accession #	YP_420913.1
NCBI GenBank Nucleotide #	NC_007626.1
Molecular Weight	36,815 Da
NCBI Official Full Name	NADPH
NCBI Official Symbol	amb1550
NCBI Protein Information	NADPH
UniProt Protein Name	NADPH
UniProt Gene Name	amb1550
UniProt Entry Name	Q2W721_MAGSA

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/rat-elisa-kits/nadph/164430>