

Canine Noradrenaline ELISA Kit | NADR elisa kit

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CATALOG #
AAA90972

REACTIVITY
Canine

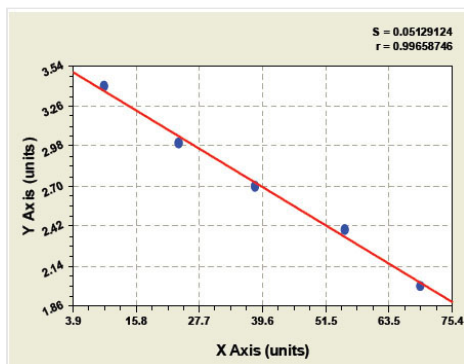
PRODUCT SYNONYMS

Noradrenaline; Canine Noradrenaline ELISA Kit; NADR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This NADR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine NADR. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NADR elisa kit

Principle of the Assay: NADR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NADR antibody and an NADR-HRP conjugate. The assay sample and buffer are incubated together with NADR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NADR concentration since NADR from samples and NADR-HRP conjugate compete for the anti-NADR antibody binding site. Since the number of sites is limited, as more sites are occupied by NADR from the sample, fewer sites are left to bind NADR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NADR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291616173
NCBI GeneID	8894457
NCBI Accession #	YP_003518915.1
NCBI GenBank Nucleotide #	NC_013956.2
Molecular Weight	48,465 Da
NCBI Official Full Name	NadR
NCBI Official Symbol	nadR
NCBI Protein Information	Transcriptional regulator NadR
UniProt Protein Name	NadR
UniProt Gene Name	nadR
UniProt Synonym Gene Names	PANA_0620
UniProt Entry Name	D4GJH7_PANAM

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/nadr-canine-elisa-kits/noradrenaline/90972>