

Rat Noradrenaline ELISA Kit | NADR elisa kit

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CATALOG #
AAA83872

REACTIVITY
Rat

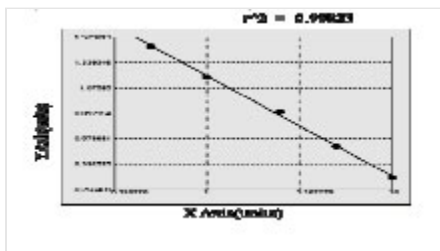
PRODUCT SYNONYMS

Noradrenaline; Rat Noradrenaline ELISA Kit; NADR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NADR elisa kit

Intended Uses: This NE ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat NE. This ELISA kit for research use only!

Principle of the Assay: NE ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NE antibody and an NE-HRP conjugate. The assay sample and buffer are incubated together with NE-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 NE concentration since NE from samples and NE-HRP conjugate compete for the anti-NE antibody binding site. Since the number of sites is limited, as more sites are occupied by NE from the sample, fewer sites are left to bind NE-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NE concentration in each sample is interpolated from this standard curve.

Product Categories/Family for NADR elisa kit

Neurobiology

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-rat-elisa-kits/noradrenaline/83872>