

Mouse Activity-dependent neuroprotector homeobox protein (ADNP) ELISA Kit | ADNP elisa kit

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CATALOG # AAA245884	REACTIVITY Mouse
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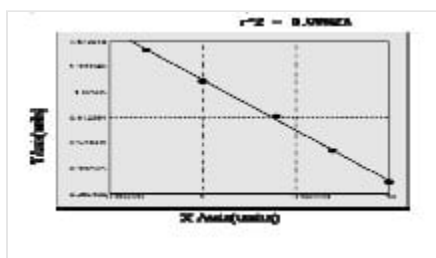
PRODUCT SYNONYMS

Activity-dependent neuroprotector homeobox protein (ADNP); Mouse Activity-dependent neuroprotector homeobox protein (ADNP) ELISA Kit; ADNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADNP elisa kit	Intended Uses: This ADNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ADNP. This ELISA kit for research use only! Principle of the Assay: ADNP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADNP antibody and an ADNP-HRP conjugate. The assay sample and buffer are incubated together with ADNP-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 ADNP concentration since ADNP from samples and ADNP-HRP conjugate compete for the anti-ADNP antibody binding site. Since the number of sites is limited, as more sites are occupied by ADNP from the sample, fewer sites are left to bind ADNP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADNP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ADNP elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	31563503
NCBI GeneID	23394
NCBI Accession #	NP_852107.1
NCBI GenBank Nucleotide #	NM_181442.2
Molecular Weight	123,563 Da
NCBI Official Full Name	activity-dependent neuroprotector homeobox protein
NCBI Official Synonym Full Names	activity-dependent neuroprotector homeobox
NCBI Official Symbol	ADNP
NCBI Official Synonym Symbols	ADNP1; MRD28
NCBI Protein Information	activity-dependent neuroprotector homeobox protein; ADNP homeobox 1; activity-dependent neuroprotective protein
UniProt Protein Name	Activity-dependent neuroprotector homeobox protein
UniProt Gene Name	ADNP
UniProt Synonym Gene Names	ADNP1; KIAA0784
UniProt Entry Name	ADNP_HUMAN

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/mouse-elisa-kits/activity-dependent-neuroprotector-homeobox-protein-adnp/245884>