

Human Activity Dependent Neuroprotector Protein (ADNP) ELISA Kit | ADNP elisa kit

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CATALOG #
AAA63420

REACTIVITY
Human

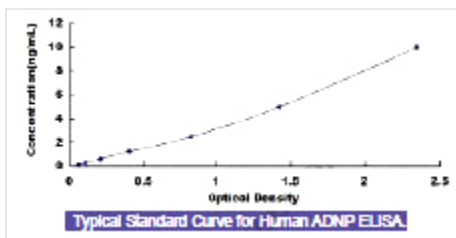
PRODUCT SYNONYMS

Activity Dependent Neuroprotector Protein (ADNP); Human Activity Dependent Neuroprotector Protein (ADNP) ELISA Kit; ADNP1; ADNP Homeobox 1; Activity-dependent neuroprotective protein; ADNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADNP. No significant cross-reactivity or interference between ADNP and analogues was observed.
Sequence Length	1102
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.065ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADNP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADNP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADNP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ADNP in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADNP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADNP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADNP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ADNP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	542133157
NCBI GeneID	23394
NCBI Accession #	NP_001269460.1
NCBI GenBank Nucleotide #	NM_001282531.2
UniProt Accession #	Q9H2P0; O94881; Q5BKU2; Q9UG34; E1P5Y2
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; HVDAS; MRD28
NCBI Protein Information	activity-dependent neuroprotector homeobox protein
UniProt Protein Name	Activity-dependent neuroprotector homeobox protein
UniProt Gene Name	ADNP
UniProt Synonym Gene Names	ADNP1; KIAA0784

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://www.aaabiotech.com/human-elisa-kits/activity-dependent-neuroprotector-protein-adnp/63420>