

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

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CATALOG #
AAA331129

REACTIVITY
Human

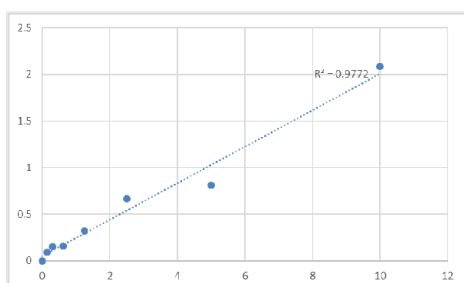
PRODUCT SYNONYMS

Activity-Dependent Neuroprotector Homeobox Protein (ADNP); Human Activity-Dependent Neuroprotector Homeobox Protein (ADNP) ELISA Kit; ADNP; ADNP1; KIAA0784; ADNP homeobox 1; OTTHUMP00000031275; OTTHUMP00000165329; activity-dependent neuroprotective protein; activity-dependent neuroprotector; ADNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Activity-dependent neuroprotector homeobox protein (ADNP) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADNP. No significant cross-reactivity or interference between Human ADNP and analogues was observed.
Sequence Length	1102
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Activity-dependent neuroprotector homeobox protein (ADNP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADNP elisa kit	Description: This Human Activity-dependent neuroprotector homeobox protein (ADNP) ELISA Kit employs a two-site sandwich ELISA to quantitate ADNP in samples. An antibody specific for ADNP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADNP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADNP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADNP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Vasoactive intestinal peptide is a neuroprotective factor that has a stimulatory effect on the growth of some tumor cells and an inhibitory effect on others. This gene encodes a protein that is upregulated by vasoactive intestinal peptide and may be involved in its stimulatory effect on certain tumor cells. Activity Dependent Neuroprotector contains one homeobox and nine zinc finger domains, suggesting that it functions as a transcription factor. This gene is also upregulated in normal proliferative tissues. Finally, the encoded protein may increase the viability of certain cell types through modulation of p53 activity. Alternatively spliced transcript variants encoding the same protein have been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12229217
NCBI GeneID	23394
NCBI Accession #	NP_056154.1
NCBI GenBank Nucleotide #	NP_056154.1
UniProt Accession #	Q9H2P0
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
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://www.aaabiotech.com/human-elisa-kits/activity-dependent-neuroprotector-homeobox-protein-adnp/331129>