

Datasheet for ABIN1120362 **ADNP ELISA Kit**



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Overview

Quantity:	96 tests
Target:	ADNP
Reactivity:	Mouse
Method Type:	Competition ELISA
Detection Range:	0.31-20.0 ng/mL
Minimum Detection Limit:	0.31 ng/mL
Application:	ELISA

Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of mouseActivity-dependent neuroprotector homeobox proteinconcentrationsin serum, plasma, tissue homogenates,cell culture supernates, and other biological fluids.
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay recognizes recombinant and natural MouseActivity-dependent neuroprotector homeobox protein. No significant cross-reactivity or interference was observed.
Components:	Reagent (Quantity): Assay plate (1), Standard (2), Sample Diluent (1x20ml), Assay Diluent A (1x10ml), Assay Diluent B (1x10ml), Detection Reagent A (1x60µl), Detection Reagent B (1x120µl), Wash Buffer(25 x concentrate) (1x30ml), Substrate (1x10ml), Stop Solution (1x10ml)

Target Details

Target:	ADNP
Alternative Name:	Activity-dependent neuroprotector homeobox protein (ADNP Products)
Background:	Synonyms: Activity-dependent neuroprotective protein,Activity-dependent neuroprotector homeobox protein,Adnp,Mouse,Mus musculus
Pathways:	Regulation of Cell Size , Regulation of Carbohydrate Metabolic Process

Application Details

Comment:	Gene Name: Adnp
Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	<p>The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Activity-dependent neuroprotector homeobox protein, during the reaction, Activity-dependent neuroprotector homeobox protein in the sample or standard competes with a fixed amount of biotin-labeled Activity-dependent neuroprotector homeobox protein for sites on a pre-coated Monoclonal antibody specific to Activity-dependent neuroprotector homeobox protein. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Activity-dependent neuroprotector homeobox protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
Restrictions:	For Research Use only

Handling

Storage:	4 °C/-20 °C
Storage Comment:	The Standard, Detection Reagent A, Detection Reagent B and the 96-well strip plate should be stored at -20 °C upon being received. The other reagents can be stored at 4 °C.