

Human Adropin (AD) ELISA Kit | AD elisa kit

Human Adropin (AD) ELISA Kit

CATALOG #
AAA63982

REACTIVITY
Human

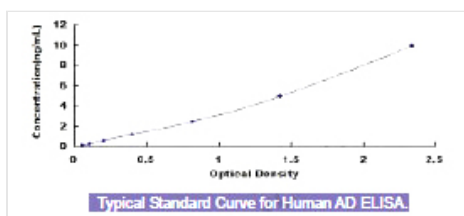
PRODUCT SYNONYMS

Adropin (AD); Human Adropin (AD) ELISA Kit; ENHO; UNQ470; Energy Homeostasis Associated Protein; AD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AD. No significant cross-reactivity or interference between AD and analogues was observed.
Sequence Length	76
Samples	Serum, plasma, tissue homogenates 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 AD 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 AD 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 AD elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of AD in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to AD. 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 AD, 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 AD in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	58218977
NCBI GeneID	375704
NCBI Accession #	NP_940975.2
NCBI GenBank Nucleotide #	NM_198573.2
UniProt Accession #	Q6UWT2; Q8N666
Molecular Weight	7,824 Da
NCBI Official Full Name	adropin
NCBI Official Synonym Full Names	energy homeostasis associated
NCBI Official Symbol	ENHO
NCBI Official Synonym Symbols	UNQ470; C9orf165
NCBI Protein Information	adropin
UniProt Protein Name	Adropin
UniProt Gene Name	ENHO
UniProt Synonym Gene Names	C9orf165

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/adropin-ad/63982>