

Human adropin (AD) ELISA Kit | AD elisa kit

Human adropin (AD) ELISA Kit

CATALOG #
AAA246708

REACTIVITY
Human

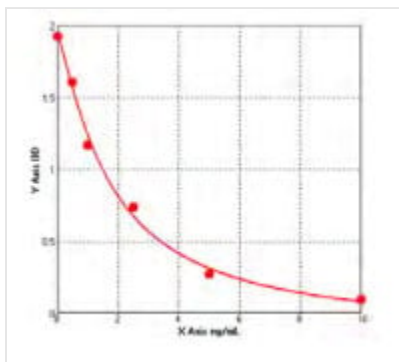
PRODUCT SYNONYMS

adropin (AD); Human adropin (AD) ELISA Kit; 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AD and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 AD elisa kit	Principle of the Assay: AD ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-AD antibody and an AD-HRP conjugate. The assay sample and buffer are incubated together with AD-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 AD concentration since AD from samples and AD-HRP conjugate compete for the anti-AD antibody binding site. Since the number of sites is limited, as more sites are occupied by AD from the sample, fewer sites are left to bind AD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AD concentration in each sample is interpolated from this standard curve. Intended Uses: This AD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AD. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for AD elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	58218977
NCBI GeneID	375704
NCBI Accession #	NP_940975.2
NCBI GenBank Nucleotide #	NM_198573.2
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; GAAI470; energy homeostasis-associated protein
UniProt Protein Name	Adropin
UniProt Gene Name	ENHO
UniProt Synonym Gene Names	C9orf165; UNQ470/PRO830
UniProt Entry Name	ENHO_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.