

Human Attractin ELISA Kit | ATRN elisa kit

Human Attractin ELISA Kit PicoKine

CATALOG # AAA126684	REACTIVITY Human	APPLICATIONS ELISA
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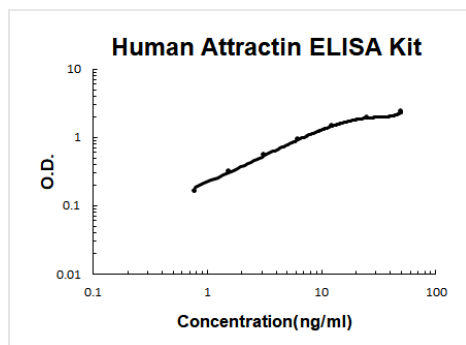
PRODUCT SYNONYMS

Attractin; Human Attractin ELISA Kit PicoKine; AZGP1; ZAG; ZNGP1; Zinc-alpha-2-glycoprotein; Zn-alpha-2-GP; Zn-alpha-2-glycoprotein; attractin; ATRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human ATRN
Samples	Cell culture supernatants, serum, plasma (heparin, EDTA), saliva and urine
Detection Range	0.78 ng/ml - 50 ng/ml
Sensitivity	<20 pg/ml
Applicable Applications for ATRN elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human Attractin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for ATRN elisa kit	Background: Attractin is a protein that in humans is encoded by the ATRN gene. This gene encodes both membrane-bound and secreted protein isoforms. A membrane-bound isoform exhibits sequence similarity with the mouse mahogany protein, a receptor involved in controlling obesity. A secreted isoform is involved in the initial immune cell clustering during inflammatory responses that may regulate the chemotactic activity of chemokines. Principle of the Assay: The Picokine™ Human ATRN Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human ATRN with a 96-well strip plate that is pre-coated with antibody specific for ATRN. The detection antibody is a biotinylated antibody specific for ATRN. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human ATRN protein as standards. To measure Human ATRN, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human ATRN in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human ATRN in the sample.
Product Categories/Family for ATRN elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	21450863
NCBI GeneID	8455
NCBI Accession #	NP_647538.1
NCBI GenBank Nucleotide #	NM_139322.2
UniProt Accession #	O75882; O60295; O95414; Q3MIT3; Q5TDA2; Q5TDA4; Q5VYW3; Q9NTQ3; Q9NTQ4; Q9NU01; Q9NZ57; A8KAE5
Molecular Weight	158,537 Da
NCBI Official Full Name	attractin isoform 2 preproprotein
NCBI Official Synonym Full Names	attractin
NCBI Official Symbol	ATRN
NCBI Official Synonym Symbols	MGCA; DPPT-L
NCBI Protein Information	attractin; attractin-2; mahogany homolog; mahogany protein
UniProt Protein Name	Attractin
UniProt Gene Name	ATRN
UniProt Synonym Gene Names	KIAA0548; MGCA
UniProt Entry Name	ATRN_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.