

Human Attractin (ATRN) ELISA Kit | ATRN elisa kit

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CATALOG #
AAA65507

REACTIVITY
Human

PRODUCT SYNONYMS

Attractin (ATRN); Human Attractin (ATRN) ELISA Kit; ATRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ATRN. No significant cross-reactivity or interference between ATRN and analogues was observed.
Sequence Length	1156
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.141ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ATRN 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 ATRN 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.

ADDITIONAL INFORMATION

Related Product Information for ATRN elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATRN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ATRN. 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 ATRN, 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 $\pm$ 10nm. The concentration of ATRN in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ATRN in human serum, plasma or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333440461
NCBI GeneID	8455
NCBI Accession #	NP_001193976.1
NCBI GenBank Nucleotide #	NM_001207047.2

UniProt Accession #	O75882 ; O60295 ; O95414 ; Q3MIT3 ; Q5TDA2 ; Q5TDA4 ; Q5VYW3 ; Q9NTQ3 ; Q9NTQ4 ; Q9NU01 ; Q9NZ57 ; A8KAE5
Molecular Weight	133,702 Da
NCBI Official Full Name	attractin isoform 4
NCBI Official Synonym Full Names	attractin
NCBI Official Symbol	ATRN
NCBI Official Synonym Symbols	MGCA; DPPT-L
NCBI Protein Information	attractin
UniProt Protein Name	Attractin
UniProt Gene Name	ATRN
UniProt Synonym Gene Names	KIAA0548; MGCA

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/attractin-atrn/65507>