

Human Attractin (ATRN) ELISA Kit | ATRN elisa kit

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CATALOG #
AAA138899

REACTIVITY
Human

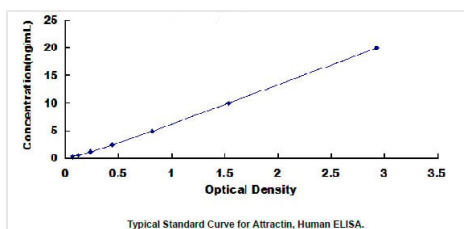
PRODUCT SYNONYMS

Attractin (ATRN); Human Attractin (ATRN) ELISA Kit; DPPT-L; MGCA; Mahogany homolog; ATRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of attractin. No significant cross-reactivity or interference between attractin and analogues was observed.
Sequence Length	1,198
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.121ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level attractin 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 attractin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATRN elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to attractin. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to attractin. 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 attractin, 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 attractin 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 in vitro quantitative measurement of attractin in human serum, plasma and other biological fluids.
Product Categories/Family for ATRN elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	75516722
NCBI GeneID	8455
UniProt Accession #	O75882; O60295; O95414; Q3MIT3; Q5TDA2; Q5TDA4; Q5VYW3; Q9NTQ3; Q9NTQ4; Q9NU01; Q9NZ57; A8KAE5
Molecular Weight	133,702 Da
NCBI Official Full Name	Attractin
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
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.