

Human Attractin ELISA Kit | ATRN elisa kit

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CATALOG #
AAA83994

REACTIVITY
Human

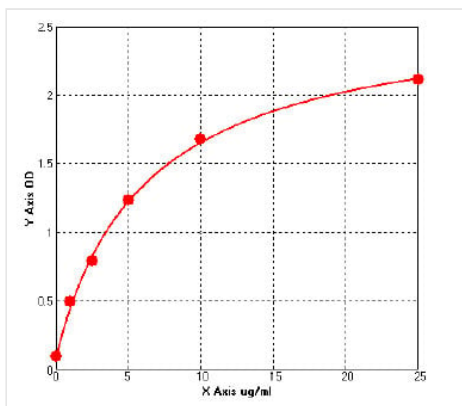
PRODUCT SYNONYMS

Attractin; Human Attractin 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ATRN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ug/mL
Intended Uses	This ATRN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ATRN. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATRN elisa kit	Principle of the Assay: ATRN ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ATRN. Standards or samples are then added to the microtiter plate wells and ATRN if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ATRN present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ATRN are added to each well to "sandwich" the ATRN immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ATRN and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATRN concentration in each sample is interpolated from this standard curve. Intended Uses: This ATRN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ATRN. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ATRN elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	2304971
NCBI GeneID	472
Molecular Weight	350,687 Da
NCBI Official Full Name	ATM
NCBI Official Synonym Full Names	ATM serine/threonine kinase
NCBI Official Symbol	ATM
NCBI Official Synonym Symbols	AT1; ATA; ATC; ATD; ATE; ATDC; TEL1; TELO1
NCBI Protein Information	serine-protein kinase ATM; AT mutated; A-T mutated; ataxia telangiectasia mutated; TEL1, telomere maintenance 1, homolog
UniProt Protein Name	Serine-protein kinase ATM
UniProt Gene Name	ATM
UniProt Synonym Gene Names	A-T mutated
UniProt Entry Name	ATM_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.

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Online datasheet: <https://stage.aaabiotech.com/atrn-human-elisa-kits/attractin/83994>