

Monkey Antithrombin receptor ELISA Kit | ATR elisa kit

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CATALOG #
AAA94022

REACTIVITY
Monkey

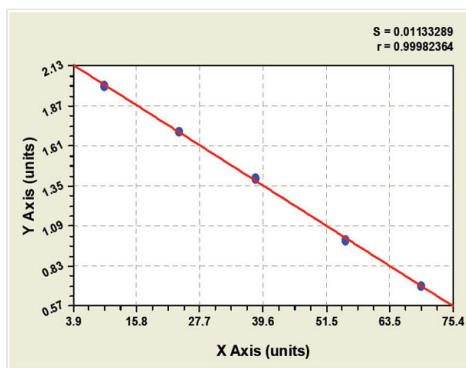
PRODUCT SYNONYMS

Antithrombin receptor; Monkey Antithrombin receptor ELISA Kit; ATR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ATR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ATR. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATR elisa kit	Principle of the Assay: ATR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ATR antibody and an ATR-HRP conjugate. The assay sample and buffer are incubated together with ATR-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 ATR concentration since ATR from samples and ATR-HRP conjugate compete for the anti-ATR antibody binding site. Since the number of sites is limited, as more sites are occupied by ATR from the sample, fewer sites are left to bind ATR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATR concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ATR elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1653996
NCBI GeneID	545
UniProt Accession #	Q13535; Q59HB2; Q7KYL3; Q93051; Q9BXX4
Molecular Weight	297,479 Da
NCBI Official Full Name	atr
NCBI Official Synonym Full Names	ATR serine/threonine kinase
NCBI Official Symbol	ATR
NCBI Official Synonym Symbols	FRP1; MEC1; SCKL; FCTCS; SCKL1
NCBI Protein Information	serine/threonine-protein kinase ATR; FRAP-related protein-1; MEC1, mitosis entry checkpoint 1, homolog; ataxia telangiectasia and Rad3-related protein
UniProt Protein Name	Serine/threonine-protein kinase ATR
UniProt Gene Name	ATR
UniProt Synonym Gene Names	FRP1
UniProt Entry Name	ATR_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/atr-monkey-elisa-kits/antithrombin-receptor/94022>