

Goat Antithrombin receptor ELISA Kit | ATR elisa kit

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CATALOG #
AAA95808

REACTIVITY
Goat

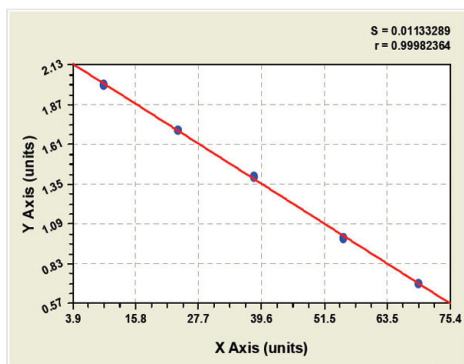
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This ATR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat 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.

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.