

Rat Annexin A1 ELISA Kit | ANXA1 elisa kit

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CATALOG #
AAA86355

REACTIVITY
Rat

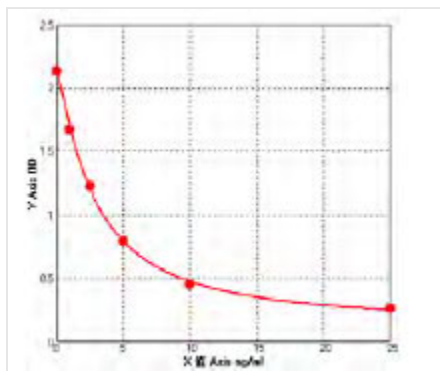
PRODUCT SYNONYMS

Annexin A1; Rat Annexin A1 ELISA Kit; ANXA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ANXA1. No significant cross-reactivity or interference between ANXA1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ANXA1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANXA1 elisa kit	Intended Uses: This ANXA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ANXA1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ANXA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANXA1 antibody and an ANXA1-HRP conjugate. The assay sample and buffer are incubated together with ANXA1-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 ANXA1 concentration since ANXA1 from samples and ANXA1-HRP conjugate compete for the anti-ANXA1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANXA1 from the sample, fewer sites are left to bind ANXA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANXA1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ANXA1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	169646754
NCBI GeneID	285
NCBI Accession #	NP_001112360.1
NCBI GenBank Nucleotide #	NM_001118888.1
Molecular Weight	56,848 Da
NCBI Official Full Name	angiotensinogen-2 isoform c
NCBI Official Synonym Full Names	angiotensinogen 2
NCBI Official Symbol	ANGPT2
NCBI Official Synonym Symbols	ANG2; AGPT2
NCBI Protein Information	angiotensinogen-2; ANG-2; Tie2-ligand; angiotensinogen-2B; angiotensinogen-2a
UniProt Protein Name	Angiotensinogen-2
UniProt Gene Name	ANGPT2
UniProt Synonym Gene Names	ANG-2
UniProt Entry Name	ANGPT2_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.