

Chicken Annexin A1 ELISA Kit | ANXA1 elisa kit

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CATALOG #
AAA97545

REACTIVITY
Chicken

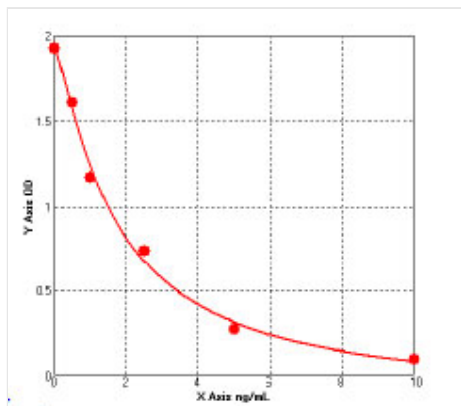
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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 Chicken 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 an 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	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502101
NCBI GeneID	301
NCBI Accession #	NP_000691.1
NCBI GenBank Nucleotide #	NM_000700.1
Molecular Weight	38,714 Da
NCBI Official Full Name	annexin A1
NCBI Official Synonym Full Names	annexin A1
NCBI Official Symbol	ANXA1
NCBI Official Synonym Symbols	ANX1; LPC1
NCBI Protein Information	annexin A1; p35; annexin-1; calpactin-2; calpactin II; lipocortin I; chromobindin-9; annexin I (lipocortin I); phospholipase A2 inhibitory protein
UniProt Protein Name	Annexin A1
UniProt Gene Name	ANXA1
UniProt Synonym Gene Names	ANX1; LPC1
UniProt Entry Name	ANXA1_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/anxa1-chicken-elisa-kits/annexin-a1/97545>