

Chicken Annexin A2 ELISA Kit | ANXA2 elisa kit

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CATALOG #
AAA89756

REACTIVITY
Chicken

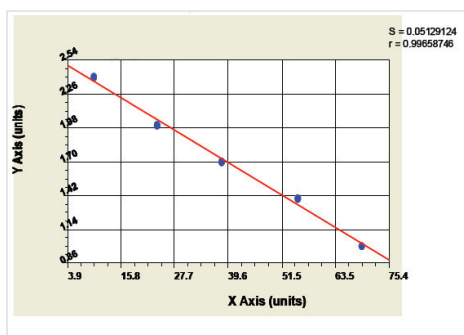
PRODUCT SYNONYMS

Annexin A2; Chicken Annexin A2 ELISA Kit; ANXA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This ANXA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ANXA2. 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 ANXA2 elisa kit

Principle of the Assay: ANXA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANXA2 antibody and an ANXA2-HRP conjugate. The assay sample and buffer are incubated together with ANXA2-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 ANXA2 concentration since ANXA2 from samples and ANXA2-HRP conjugate compete for the anti-ANXA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANXA2 from the sample, fewer sites are left to bind ANXA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANXA2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ANXA2 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862831
NCBI GeneID	302
NCBI Accession #	NP_001129487.1
NCBI GenBank Nucleotide #	NM_001136015.2
Molecular Weight	40,411 Da
NCBI Official Full Name	annexin A2 isoform 2
NCBI Official Synonym Full Names	annexin A2
NCBI Official Symbol	ANXA2
NCBI Official Synonym Symbols	P36; ANX2; LIP2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV; HEL-S-270
NCBI Protein Information	annexin A2; annexin-2; protein I; annexin II; lipocortin II; chromobindin 8; chromobindin-8; calpactin I heavy chain; calpactin-1 heavy chain; calpactin I heavy polypeptide; placental anticoagulant protein IV; epididymis secretory protein Li 270
UniProt Protein Name	Annexin A2
UniProt Gene Name	ANXA2
UniProt Synonym Gene Names	ANX2; ANX2L4; CAL1H; LPC2D; PAP-IV
UniProt Entry Name	ANXA2_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/anxa2-chicken-elisa-kits/annexin-a2/89756>