

Mouse Annexin A2 ELISA Kit | ANXA2 elisa kit

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CATALOG #
AAA84515

REACTIVITY
Mouse

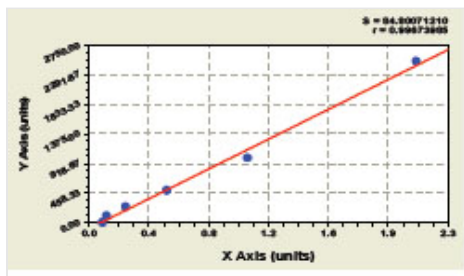
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ANXA2 elisa kit
Intended Uses: This ANXA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ANXA2. This ELISA kit for research use only!

Principle of the Assay: ANXA2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ANXA2. Standards or samples are then added to the microtiter plate wells and ANXA2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ANXA2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ANXA2 are added to each well to "sandwich" the ANXA2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ANXA2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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

Cell Biology

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://www.aaabiotech.com/anxa2-mouse-elisa-kits/annexin-a2/84515>