

Human Annexin A2 (ANXA2) ELISA Kit | ANXA2 elisa kit

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CATALOG #
AAA139928

REACTIVITY
Human

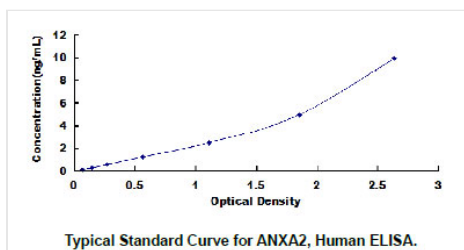
PRODUCT SYNONYMS

Annexin A2 (ANXA2); Human Annexin A2 (ANXA2) ELISA Kit; ANX-A2; ANX2L4; CAL1H; LIP2; LPC2; LPC2D; P36; PAP-IV; Protein I; Chromobindin-8; Calpactin-1 heavy chain; Lipocortin II; Placental anticoagulant protein IV; ANXA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ANXA2. No significant cross-reactivity or interference between ANXA2 and analogues was observed.
Sequence Length	339
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANXA2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ANXA2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANXA2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ANXA2 in human serum, plasma, tissue homogenates other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ANXA2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ANXA2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ANXA2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ANXA2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for ANXA2 elisa kit	Signal transduction; Tumor immunity; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	54020966
NCBI GeneID	406192
NCBI Accession #	NP_001005726.1
NCBI GenBank Nucleotide #	NM_001005726.1
UniProt Accession #	P19620; Q5Y2C7
Molecular Weight	38,534 Da
NCBI Official Full Name	annexin A2
NCBI Official Symbol	ANXA2
NCBI Protein Information	annexin A2
UniProt Protein Name	Annexin A2
UniProt Gene Name	ANXA2
UniProt Synonym Gene Names	ANX2; PAP-IV
UniProt Entry Name	ANXA2_PIG

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/human-elisa-kits/annexin-a2-anxa2/139928>