

Human Annexin A13 (ANXA13) ELISA Kit | ANXA13 elisa kit

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CATALOG #
AAA219773

REACTIVITY
Human

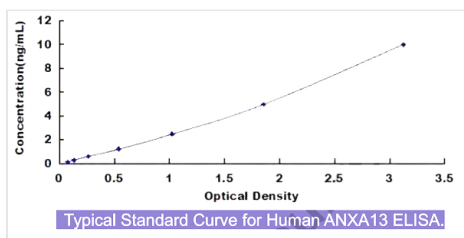
PRODUCT SYNONYMS

Annexin A13 (ANXA13); Human Annexin A13 (ANXA13) ELISA Kit; Annexin-13; Annexin XIII; Intestine-specific annexin; ANX13; ANXA13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ANXA13. No significant cross-reactivity or interference between ANXA13 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.065ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANXA13 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 ANXA13 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANXA13 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ANXA13. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ANXA13. 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 ANXA13, 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 $\pm$ 10nm. The concentration of ANXA13 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ANXA13 in human serum, plasma, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51896029
NCBI GeneID	312
NCBI Accession #	NP_001003954.1
NCBI GenBank Nucleotide #	NM_001003954.1
UniProt Accession #	P27216; Q9BQR5
Molecular Weight	39,744 Da
NCBI Official Full Name	annexin A13 isoform b
NCBI Official Synonym Full Names	annexin A13
NCBI Official Symbol	ANXA13
NCBI Official Synonym Symbols	ISA; ANX13
NCBI Protein Information	annexin A13; annexin XIII; annexin, intestine-specific; annexin-13; intestine-specific annexin
UniProt Protein Name	Annexin A13
UniProt Gene Name	ANXA13
UniProt Synonym Gene Names	ANX13; ISA
UniProt Entry Name	ANX13_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/human-elisa-kits/annexin-a13-anxa13/219773>