

Human Annexin A9 (ANXA9) ELISA Kit | ANXA9 elisa kit

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CATALOG #
AAA137980

REACTIVITY
Human

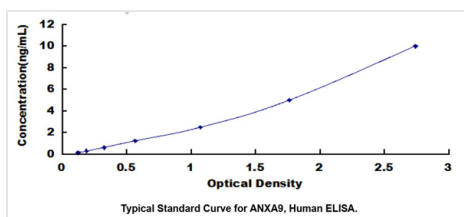
PRODUCT SYNONYMS

Annexin A9 (ANXA9); Human Annexin A9 (ANXA9) ELISA Kit; ANX-A9; ANX31; Annexin-31; Pemphaxin; ANXA9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ANXA9. No significant cross-reactivity or interference between ANXA9 and analogues was observed.
Sequence Length	345
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANXA9 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 ANXA9 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 ANXA9 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ANXA9. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ANXA9. 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 ANXA9, 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 ANXA9 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 in vitro quantitative measurement of ANXA9 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for ANXA9 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	145864465
NCBI GeneID	8416
NCBI Accession #	NP_003559.2
NCBI GenBank Nucleotide #	NM_003568.2
UniProt Accession #	O76027; Q5SZF1; Q6FI55; Q9BS00; Q9HBJ6
Molecular Weight	38,364 Da
NCBI Official Full Name	annexin A9
NCBI Official Synonym Full Names	annexin A9
NCBI Official Symbol	ANXA9
NCBI Official Synonym Symbols	ANX31
NCBI Protein Information	annexin A9
UniProt Protein Name	Annexin A9
UniProt Gene Name	ANXA9
UniProt Synonym Gene Names	ANX31
UniProt Entry Name	ANXA9_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.