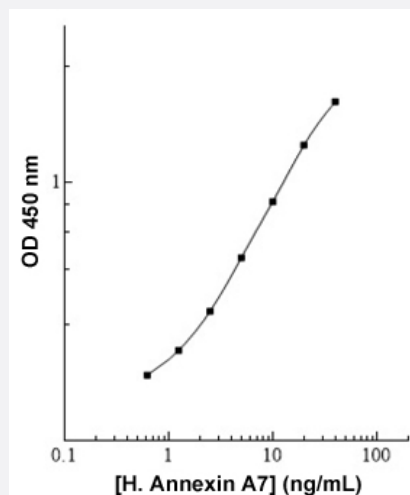


ANXA7 (Human) ELISA Kit

Catalog # KA6080

Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	ANXA7 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human ANXA7 in cell lysate samples.
Suitable Sample	Cell Lysate.
Sample Volume	50 μ L
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.625 to 40 ng/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)

Quality Control Testing

Standard curve

The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Storage Instruction

Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — ANXA7

Entrez GeneID

[310](#)

Protein Accession#

[P20073](#)

Gene Name

ANXA7

Gene Alias

ANX7, SNX, SYNEXIN

Gene Description

annexin A7

Omim ID

[186360](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Annexin VII is a member of the annexin family of calcium-dependent phospholipid binding proteins. The Annexin VII gene contains 14 exons and spans approximately 34 kb of DNA. An alternatively spliced cassette exon results in two mRNA transcripts of 2.0 and 2.4 kb which are predicted to generate two protein isoforms differing in their N-terminal domain. The alternative splicing event is tissue specific and the mRNA containing the cassette exon is prevalent in brain, heart and skeletal muscle. The transcripts also differ in their 3'-non coding regions by the use of two alternative poly(A) signals. Annexin VII encodes a protein with a molecular weight of approximately 51 kDa with a unique, highly hydrophobic N-terminal domain of 167 amino acids and a conserved C-terminal region of 299 amino acids. The latter domain is composed of alternating hydrophobic and hydrophilic segments. Structural analysis of the protein suggests that Annexin VII is a membrane binding protein with diverse properties, including voltage-sensitive calcium channel activity, ion selectivity and membrane fusion. [provided by RefSeq]

Other Designations

OTTHUMP00000019812|OTTHUMP00000019813|OTTHUMP00000042922|OTTHUMP00000042923|OTTHUMP00000042925|annexin VII

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)