



Human Annexin ?(ANX-?) ELISA Kit

Product Code	CSB-E12157h
Abbreviation	ANXA3
Target Name	annexin A3
Uniprot No.	P12429
Alias	ANX3, Annexin III (lipocortin III) annexin III (lipocortin III, 1,2-cyclic-inositol-phosphate phosphodiesterase, placental anticoagulant protein III, calcimedin 35-alpha) calcimedin 35-alpha Annexin 3 ANX-3 Annexin ? ANX-?
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates, cell lysates
Detection Range	0.78 ng/mL-50 ng/mL
Sensitivity	0.195 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Signal Transduction
Gene Names	ANXA3
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human ANXA3 ELISA Kit was designed for the quantitative measurement of Human ANXA3 protein in serum, plasma, cell culture supernates, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 0.78 ng/mL-50 ng/mL and the sensitivity is 0.195 ng/mL .
Target Details	This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation.
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10%



Three samples of known concentration were tested in twenty assays to assess.

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of human ANX-? in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	95
	Range %	92-101
1:2	Average %	90
	Range %	82-96
1:4	Average %	101
	Range %	99-104
1:8	Average %	87
	Range %	82-99

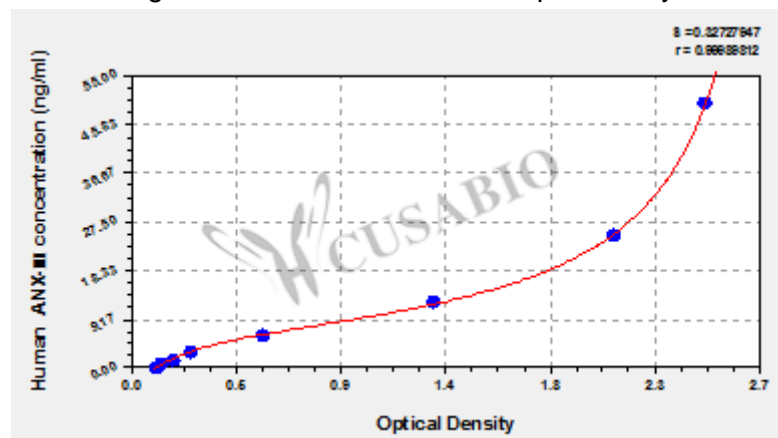
Recovery

The recovery of human ANX-? spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	90	82-96
EDTA plasma (n=4)	95	89-100

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average	Corrected
50	2.425	2.550	2.488	2.370
25	2.010	2.174	2.092	1.974
12.5	1.266	1.363	1.315	1.197
6.25	0.559	0.597	0.578	0.460
3.12	0.275	0.261	0.268	0.150
1.56	0.192	0.186	0.189	0.071
0.78	0.131	0.140	0.136	0.018
0	0.122	0.113	0.118	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E12157h.pdf","filename":"MSDS"}}