

Mouse Annexin IV (ANX- IV) ELISA Kit | ANXA4 elisa kit

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CATALOG #
AAA244771

REACTIVITY
Mouse

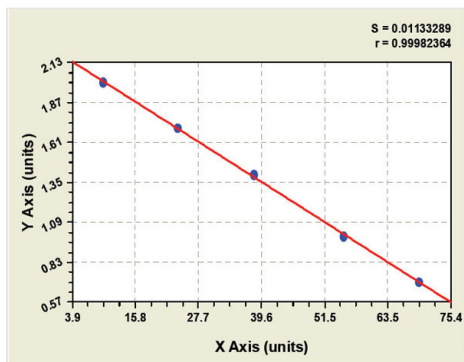
PRODUCT SYNONYMS

Annexin IV (ANX- IV); Mouse Annexin IV (ANX- IV) ELISA Kit; ANXA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ANX- IV ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ANX- IV. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANXA4 elisa kit

Principle of the assay: ANX- IV ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANX- IV antibody and an ANX- IV-HRP conjugate. The assay sample and buffer are incubated together with ANX- IV-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ANX- IV concentration since ANX- IV from samples and ANX- IV-HRP conjugate compete for the anti-ANX- IV antibody binding site. Since the number of sites is limited, as more sites are occupied by ANX- IV from the sample, fewer sites are left to bind ANX- IV-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANX- IV concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1703319
NCBI GeneID	307
Molecular Weight	35,883 Da
NCBI Official Full Name	Annexin A4
NCBI Official Synonym Full Names	annexin A4
NCBI Official Symbol	ANXA4
NCBI Official Synonym Symbols	ANX4; PIG28; ZAP36; HEL-S-274
NCBI Protein Information	annexin A4; P32.5; PP4-X; PAP-II; annexin-4; protein II; endonexin I; lipocortin IV; chromobindin-4; 35-beta calcimedin; proliferation-inducing gene 28; proliferation-inducing protein 28; placental anticoagulant protein II; epididymis secretory protein Li 274; carbohydrate-binding protein p33/p41; annexin IV (placental anticoagulant protein II)
UniProt Protein Name	Annexin A4
UniProt Gene Name	ANXA4
UniProt Synonym Gene Names	ANX4; PAP-II
UniProt Entry Name	ANXA4_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://stage.aaabiotech.com/anxa4-mouse-elisa-kits/annexin-iv-anx-iv/244771>