

Human Putative annexin A2-like protein (ANXA2P2) ELISA Kit



Catalog No: #EK11679

Orders: order@signalwayantibody.com

Package Size: #EK11679-1 48T #EK11679-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Putative annexin A2-like protein (ANXA2P2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	ANX2L2; ANX2P2; LPC2B;
Accession No.	A6NMY6
Uniprot	A6NMY6
Storage	<p>The stability of ELISA 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.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:0.156-10 ng/mL

Sensitivity:0.078 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:Sandwich Test principle:This assay employs a two-site sandwich ELISA to quantitate ANXA2P2 in samples. An antibody specific for ANXA2P2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyANXA2P2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANXA2P2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ANXA2P2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:Annexin 2 is involved in diverse cellular processes such as cell motility (especially that of the epithelial cells), linkage of membrane-associated protein complexes to the actin cytoskeleton, endocytosis, fibrinolysis, ion channel formation, and cell matrix interactions. It is a calcium-dependent phospholipid-binding protein whose function is to help organize exocytosis of intracellular proteins to the extracellular domain. Annexin II is a pleiotropic protein meaning that its function is dependent on place and time in the body. This protein is 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 as an autocrine factor which heightens osteoclast formation and bone resorption.

Note: This product is for in vitro research use only