

ARG83481 Hamster Annexin A5 ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83481 Hamster Annexin A5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Hamster Annexin A5 in Tissue culture media.
Tested Reactivity	Hm
Tested Application	ELISA
Target Name	Annexin A5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.15625 ng/mL
Sample Type	Tissue culture media
Standard Range	0.3125 - 20 ng/mL
Sample Volume	100 µl
Alternate Names	ANXA5; Annexin A5; CPB-I; PAP-I; Placental Anticoagulant Protein I; Vascular Anticoagulant-Alpha; Calphobindin I; Endonexin II; Annexin V; VAC-Alph; RPRGL3; ANX5; ENX2; Placental Anticoagulant Protein 4; Thromboplastin Inhibitor; Anchorin CII; Lipocortin V; VAC-Alpha; Annexin-5; PP4; Epididymis Secretory Protein Li 7; HEL-S-7; CBP-I

Application Instructions

Assay Time	3 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 4°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ANXA5
Gene Full Name	annexin A5
Background	The Annexin 5 gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V,

placental protein 4 and anchorin CII. Polymorphisms in this gene have been implicated in various obstetric complications.

Function

This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

PTM

Acetylation, Isopeptide bond, Phosphoprotein, S-nitrosylation, Ubl conjugation