

# Human Anti-prothrombins antibody (aPT1/aPT2-Ab) ELISA Kit



Catalog No: #EK11729

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Package Size: #EK11729-1 48T #EK11729-2 96T

Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Human Anti-prothrombins antibody (aPT1/aPT2-Ab) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
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:39-2500 pg/mL

Sensitivity:15 pg/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:Competitive ELISA**  
**Test principle:**This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to aPT1/aPT2-Ab. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated aPT1/aPT2-Ab and incubated. The competitive inhibition reaction is launched between with HRP labeled aPT1/aPT2-Ab and unlabeled aPT1/aPT2-Ab with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of aPT1/aPT2-Ab in the sample. The color development is stopped and the intensity of the color is measured.  
**Product Overview:**Fas is a glycoprotein with a mass estimated at 43 to 48 kDa . Fas is a member of the Tumor Necrosis Factor Receptor Superfamily (TNFRSF), and it shares a cytoplasmic motif with TNF RI, referred to as the death domain, that binds cytoplasm signaling molecules to trigger the cytoplasmic apoptotic signal . Fas is expressed to a large extent on activated T and B lymphocytes, and on malignant lymphoid cells. To a lesser extent, Fas is expressed on cells from liver, heart, kidney, ovaries, and on many other malignant cells. Yan et al. (2005) noted that the TNFRSF6 gene contains 9 exons. They identified an antisense transcript SAF within the 12.1-kb intron 1 that is transcribed in the opposite direction as the TNFRSF6 gene.

Note: This product is for in vitro research use only