

Human Baculoviral IAP repeat-containing protein 4 (XIAP) ELISA Kit

Catalog No: #EK12067

Orders: order@signalwayantibody.com

Package Size: #EK12067-1 48T #EK12067-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Baculoviral IAP repeat-containing protein 4 (XIAP) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP1-315G1.5; API3; BIRC4; ILP1; MIHA; XLP2; OTTHUMP0000196392 apoptosis inhibitor 3 baculoviral IAP repeat-containing 4 baculoviral IAP repeat-containing protein 4
Accession No.	P98170
Uniprot	P98170
GeneID	331;
Storage	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. 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).

Application Details

Detect Range:0.156-10 ng/mL

Sensitivity:0.056 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 XIAP in samples. An antibody specific for XIAP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any XIAP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for XIAP 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 XIAP bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:X-linked Inhibitor of Apoptosis Protein (XIAP) is a member of the Inhibitor of apoptosis family of proteins (IAP). IAPs were initially identified in baculoviruses, but XIAP is one of the homologous proteins found in mammals. It is so called because it was first discovered by a 273 base pair site on the X chromosome. The protein is also called human IAP-like Protein (hILP), because it is not as well conserved as the human IAPs: hIAP-1 and hIAP-2. XIAP is the most potent human IAP protein currently identified. XIAP, like the rest of the IAP family, has two major structural elements. Firstly, there is the baculoviral IAP repeat (BIR) domain consisting of approximately 70 amino acids. Secondly, there is a zinc-binding domain, or a carboxy-terminal RING Finger.

Note: This product is for in vitro research use only