

Human Livin AccuSignal ELISA Kit - KOA0812

Code: KOA0812

Size: 1 Kit

Product Description: Human Livin AccuSignal ELISA Kit - KOA0812

PhysicalState:

Label	Unconjugated
Gene Name	BIRC7
Species Reactivity	Human
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	Baculoviral IAP repeat containing 7, Baculoviral IAP repeat containing protein 7, Baculoviral IAP repeat-containing protein 7, BIRC 7, BIRC7, BIRC7_HUMAN, KIAP, Kidney inhibitor of apoptosis protein, LIVIN, Livin inhibitor of apoptosis, Melanoma inhibitor of apoptosis protein, ML IAP, ML-IAP, MLIAP, RING finger protein 50, RNF 50, RNF50
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 50ng/ml, 25ng/ml, 12.5ng/ml, 6.25ng/ml, 3.12ng/ml, 1.56ng/ml, 0.78ng/ml human Livin standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum, cell lysates or tissue homogenates to each empty well. It is recommended that each human Livin standard solution and each sample be measured in duplicate.
Background	BIRC7, also called KIAP or Livin, is a protein that in humans is encoded by the BIRC7 gene. This gene is mapped to 20q13.33. It encodes a member of the inhibitor of apoptosis protein (IAP) family, and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Elevated levels of the encoded protein may be associated with cancer progression and play a role in chemotherapy sensitivity. BIRC7 blocked apoptosis induced by BAX induction of cytochrome C release from mitochondria, and it also can block apoptosis induced by chemotherapeutic agents.
Purity And Specificity	Natural and recombinant human Livin. There is no detectable cross-reactivity with other relevant proteins.
ELISA	0.78ng/ml-50ng/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: E.coli; Immunogen sequence: M1-S298
Related Products	

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - Q96CA5

<http://www.uniprot.org/uniprot/Q96CA5>

NCBI - NP_071444.1

http://www.ncbi.nlm.nih.gov/protein/NP_071444.1

GeneID - 79444

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=79444>

Disclaimer

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