

Human Livin ELISA Kit | BIRC7 elisa kit

Human Livin ELISA Kit

CATALOG # AAA261805	REACTIVITY Human	APPLICATIONS ELISA
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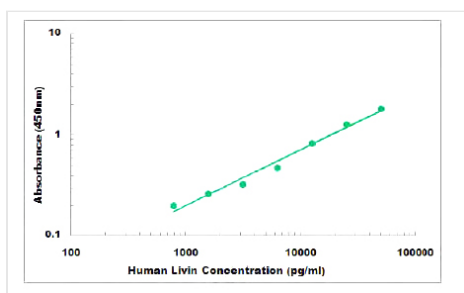
PRODUCT SYNONYMS

Livin; Human Livin ELISA Kit; KIAP; LIVIN; MLIAP; RNF50; Baculoviral IAP repeat-containing protein 7; Kidney inhibitor of apoptosis protein; Melanoma inhibitor of apoptosis protein; ML-IAP; RING finger protein 50; BIRC7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Livin ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Livin proteins within the range of 780 pg/ml - 50000 pg/ml.
Sequence Length	298
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	20 pg/ml.
Applicable Applications for BIRC7 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BIRC7 elisa kit	Principle of the Assay The Human Livin ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Livin in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human Livin coated on a 96-well plate. Standards and samples are pipetted into the wells and Livin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Livin antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Livin bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21759008
NCBI GeneID	79444
UniProt Accession #	Q96CA5; Q9BQV0; Q9H2A8; Q9HAP7
Molecular Weight	30,866 Da
NCBI Official Full Name	Baculoviral IAP repeat-containing protein 7
NCBI Official Synonym Full Names	baculoviral IAP repeat containing 7
NCBI Official Symbol	BIRC7
NCBI Official Synonym Symbols	KIAP; LIVIN; MLIAP; RNF50; ML-IAP
NCBI Protein Information	baculoviral IAP repeat-containing protein 7
UniProt Protein Name	Baculoviral IAP repeat-containing protein 7
UniProt Gene Name	BIRC7
UniProt Synonym Gene Names	KIAP; LIVIN; MLIAP; RNF50; KIAP; ML-IAP; Truncated livin; p30-Livin; tLivin
UniProt Entry Name	BIRC7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.