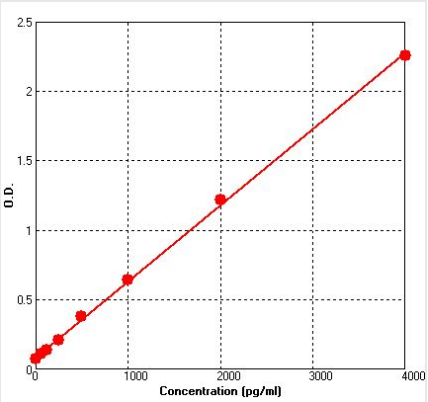
Survivin (LOC398389) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Survivin (LOC398389), ELISA Kit
Full Product Name	Survivin Human ELISA Kit
Product Gene Name	LOC398389 elisa kit
Product Synonym Names	Human Survivin
Species Reactivity	Human
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 2pg/ml
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.
Applications Tested/Suitable for LOC398389 elisa kit	Quantitative sELISA (EIA)
Application Notes for LOC398389 elisa kit	For quantitative detection of Survivin in human serum, plasma, body fluids, tissue lysates or cell culture supernates.
Related Product Information for LOC398389 elisa kit	**Principle of the Assay:** This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Survivin polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Survivin polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Survivin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Survivin can be calculated. **Background:** Survivin, also called baculoviral inhibitor of apoptosis repeat-containing 5 or BIRC5, is an inhibitor of apoptosis (IAP), or programmed cell death, that is selectively overexpressed in common human cancers. It is the smallest member of the inhibitor of apoptosis (IAP) family. It is expressed highly in most human tumours and fetal tissue, but is completely absent in terminally differentiated cells. The survivin can inhibit caspase activation, thereby leading to negative regulation of apoptosis or programmed cell death. The overexpression of survivin in tumors may serve to increase the tumors resistance to apoptosis and, thus, contribute to cell immortality even in the presence of death stimuli.
Other Notes	Small volumes of LOC398389 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LOC398389 purchase	MBS355340 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Survivin (LOC398389) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing LOC398389. The ELISA analytical biochemical technique of the MBS355340 kit is based on LOC398389 antibody-LOC398389 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect LOC398389 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, LOC398389. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of LOC398389 elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LOC398389. It may not necessarily be applicable to this product.

NCBI GI #	148227006
NCBI GeneID	398389
NCBI Accession #	NP_001082294.1
GenBank Nucleotide #	NM_001088825.1
NCBI Official Full Name	survivin
NCBI Official Symbol	LOC398389
Protein Family	Baculoviral IAP repeat-containing protein
NCBI Protein Information	survivin
Research Articles on LOC398389	**1.** the Aurora B chromosome passenger protein complex, including INCENP and survivin, is regulated during oocyte maturation in Xenopus laevis
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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