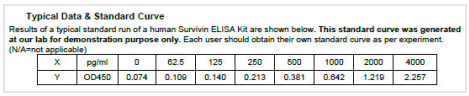
Survivin (LOC398389) ELISA Kit

PRODUCT OVERVIEW

Product Name	Survivin (LOC398389), ELISA Kit
Full Product Name	Survivin ELISA Kit
Product Gene Name	LOC398389 elisa kit
Product Synonym Names	Baculoviral inhibitor of apoptosis repeat-containing 5; BIRC5
Samples	Human Serum Or Plasma
Specificity	The specificity is defined as the probability of the assay of scoring negative in the absence of the spe-cific analyte. It is 95,8%.
Preparation and Storage	2 - 8 degree C
Product Categories/Family for LOC398389 elisa kit	Immunology; Cytokines & Cell Signalling; Oncology; Research Assays; Assay Categories
Related Product Information for LOC398389 elisa kit	Intended Uses: The Strongyloides ELISA test is an enzyme immunoassay for the detection of antibodies to Strongyloi-des, in human serum or plasma (citrate or heparin). For research use only. Principle of the Assay: The qualitative immunoenzymatic determination of IgG and IgM antibodies against Strongyloides is based on the ELISA (Enzyme-linked Immunosorbent Assay) technique. Microtiter strip wells are pre-coated with recombinant Strongyloides antigens to bind corresponding antibodies of the specimen. Af-ter washing the wells to remove all unbound sample material horseradish peroxidase (HRP) labelled anti-human IgG and IgM conjugate is added. This conjugate binds to the captured Strongyloides-spe-cific antibodies. The immune complex formed by the bound conjugate is visualized by adding Tetra-methylbenzidine (TMB) substrate which gives a blue reaction product. The intensity of this prod-uct is proportional to the amount of Strongyloides-specific antibodies in the specimen. Sulphuric acid is added to stop the reaction. This produces a yellow endpoint colour. Absorbance at 450 nm is read us-ing an ELISA microwell plate reader!!Background/Introduction: Strongyloides is a genus containing some 50 species of obligate gastrointestinal parasites of verte-brates. Strongyloides stercoralis is the scientific name of a human parasitic roundworm causing the disease of strongyloidiasis. Its common name is pinworm in the UK and threadworm in the US. The Strongyloides stercoralis nematode can parasitize humans. The adult parasitic stage lives in tunnels in the mucosa of the small intestine. S. stercoralis can be found in areas with tropical and subtropical cli-mates but cases also occur in temperate area, more frequently in rural areas. S. stercoralis has a very low prevalence in societies where fecal contamination of soil or water is rare. Many people in-fected are usually asymptomatic at first. Symptoms include dermatitis: swelling, itching, larva currens, and mild hemorrhage at the site where the skin has been penetrated. If the parasite reaches the lungs, the chest may feel as if it is burning, and wheezing and coughing may result, along with pneumonia-like symptoms (Löffler's syndrome). The intestines could eventually be invaded, leading to burning pain, tissue damage, sepsis, and ulcers. In severe cases, edema may result in obstruction of the in-testinal tract, as well as loss of peristaltic contractions. Strongyloides infection in immunocompro-mised indi-viduals (particularly following the administration of steroids, for example following trans-plant surgery) can result in disseminated strongyloidiasis, in which worms move beyond the confines of the gut into other organs. This is fatal unless anti-Strongyloides therapy is given. Locating juvenile larvae, either rhabditiform or filariform, in recent stool samples will confirm the presence of this para-site. Other tech-niques used include direct fecal smears, culturing fecal samples on agar plates, sero-identification through ELISA, and duodenal fumigation.
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	MBS495338 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 MBS495338 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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