

Human Protein SSX2 (SSX2) ELISA Kit | SSX2 elisa kit

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CATALOG #
AAA330588

REACTIVITY
Human

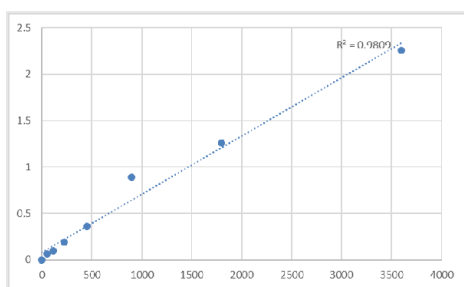
PRODUCT SYNONYMS

Protein SSX2 (SSX2); Human Protein SSX2 (SSX2) ELISA Kit; SSX2; RP11-552J9.2; CT5.2a; HD21; HOM-MEL-40; MGC119055; MGC15364; MGC3884; SSX; cancer/testis antigen family 5; member 2a; sarcoma; synovial; X-chromosome-related 2; synovial sarcoma; X breakpoint 2; isofo; SSX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein SSX2 (SSX2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SSX2. No significant cross-reactivity or interference between Human SSX2 and analogues was observed.
Sequence Length	188
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Protein SSX2 (SSX2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SSX2 elisa kit	Description: This Human Protein SSX2 (SSX2) ELISA Kit employs a two-site sandwich ELISA to quantitate SSX2 in samples. An antibody specific for SSX2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SSX2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SSX2 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 SSX2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SSX2 belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneously humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. SSX1, SSX2 and SSX4 genes have been involved in the t(X;18) translocation characteristically found in all synovial sarcomas. This translocation results in the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. The encoded hybrid proteins are probably responsible for transforming activity. Two transcript variants encoding distinct isoforms have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3915028
UniProt Accession #	Q16385
NCBI Official Full Name	Protein SSX2
UniProt Protein Name	Protein SSX2
UniProt Gene Name	SSX2
UniProt Synonym Gene Names	SSX2A; CT5.2
UniProt Entry Name	SSX2_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.