

Human Protein SSX1 (SSX1) ELISA Kit

Catalog No: #EK6666



Package Size: #EK6666-1 48T #EK6666-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Human Protein SSX1 (SSX1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP11-552E4.1; CT5.1; MGC150425; MGC5162; SSRC; cancer/testis antigen family 5; member 1 sarcoma; synovial; X-chromosome-related 1
Accession No.	Q16384
Uniprot	Q16384
GenID	6756;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate SSX1 in samples. An antibody specific for SSX1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySSX1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SSX1 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 SSX1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**SSX1 belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. 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.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.Expressed at high level in the testis. Expressed at low level in thyroid. Not detected in tonsil, colon, lung, spleen, prostate, kidney, striated and smooth muscles. Detected in rhabdomyosarcoma and fibrosarcoma cell lines. Not detected in mesenchymal and epithelial cell lines.

Note: This product is for in vitro research use only