

Mouse Lupus La Protein (SSB) ELISA Kit | SSB elisa kit

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CATALOG #
AAA332273

REACTIVITY
Mouse

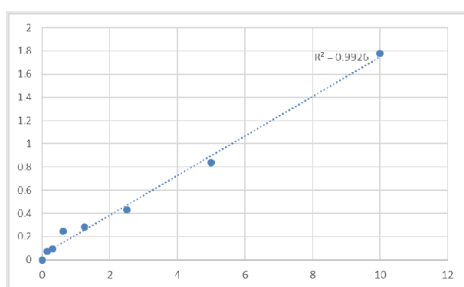
PRODUCT SYNONYMS

Lupus La Protein (SSB); Mouse Lupus La Protein (SSB) ELISA Kit; SSB; LARP3; La; La ribonucleoprotein domain family; member 3; OTTHUMP00000204778; SSB/La protein; autoantigen La; SSB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Lupus La protein (SSB) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SSB. No significant cross-reactivity or interference between Mouse SSB and analogues was observed.
Sequence Length	415
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. Mouse Lupus La protein (SSB) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SSB elisa kit	Description: This Mouse Lupus La protein (SSB) ELISA Kit employs a two-site sandwich ELISA to quantitate SSB in samples. An antibody specific for SSB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SSB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SSB 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 SSB bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Sjogren syndrome antigen B (autoantigen La), also known as SSB,La is involved in diverse aspects of RNA metabolism, including binding and protecting 3-prime UUU(OH) elements of newly RNA polymerase III-transcribed RNA, processing 5-prime and 3-prime ends of pre-tRNA precursors, acting as an RNA chaperone, and binding viral RNAs associated with hepatitis C virus. La protein was originally defined by its reactivity with autoantibodies from patients with Sjogren syndrome and systemic lupus erythematosus (SLE) (Teplova et al., 2006).Grolz and Bachmann (1997) stated that there are 3 La pseudogenes. They also found that alternative splicing gives rise to 3 different mRNAs, all of which were expressed in all tissues tested, and all of which were translated into nuclear La protein in transfected mouse cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158636012
NCBI GeneID	20823
NCBI Accession #	NP_001103615.1
NCBI GenBank Nucleotide #	NP_001103615.1
UniProt Accession #	P32067
NCBI Official Full Name	lupus La protein homolog isoform a
NCBI Official Synonym Full Names	Sjogren syndrome antigen B
NCBI Official Symbol	Ssb
NCBI Official Synonym Symbols	SS-B
NCBI Protein Information	lupus La protein homolog
UniProt Protein Name	Lupus La protein homolog
UniProt Gene Name	Ssb
UniProt Synonym Gene Names	Ss-b

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.