

Mouse Tapasin-Related Protein (TAPBPL) ELISA Kit | TAPBPL elisa kit

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CATALOG #
AAA332353

REACTIVITY
Mouse

PRODUCT SYNONYMS

Tapasin-Related Protein (TAPBPL); Mouse Tapasin-Related Protein (TAPBPL) ELISA Kit; TAPBPL; FLJ10143; TAPBP-R; TAPBPR; TAP binding protein related; TAPBPL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tapasin-related protein (TAPBPL) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TAPBPL. No significant cross-reactivity or interference between Mouse TAPBPL and analogues was observed.
Sequence Length	451
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 Tapasin-related protein (TAPBPL) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAPBPL elisa kit	Description: This Mouse Tapasin-related protein (TAPBPL) ELISA Kit employs a two-site sandwich ELISA to quantitate TAPBPL in samples. An antibody specific for TAPBPL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAPBPL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAPBPL 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 TAPBPL bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Tapasin, or TAPBP, is a member of the variable-constant Ig superfamily that links major histocompatibility complex (MHC) class I molecules to the transporter associated with antigen processing (TAP; see MIM 170260) in the endoplasmic reticulum (ER). The TAPBP gene is located near the MHC complex on chromosome 6p21.3. TAPBPL is a member of the Ig superfamily that is localized on chromosome 12p13.3, a region somewhat paralogous to the MHC.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255069728
NCBI GeneID	213233
NCBI Accession #	NP_663366.2
NCBI GenBank Nucleotide #	NP_663366.2
UniProt Accession #	Q8VD31
NCBI Official Full Name	tapasin-related protein
NCBI Official Synonym Full Names	TAP binding protein-like
NCBI Official Symbol	Tapbpl
NCBI Official Synonym Symbols	Tapbplr; BC017613; TAPBPL-R
NCBI Protein Information	tapasin-related protein
UniProt Protein Name	Tapasin-related protein
UniProt Gene Name	Tapbpl
UniProt Synonym Gene Names	TAPASIN-R; TAPBP-R
UniProt Entry Name	TPSNR_MOUSE

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.