

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

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CATALOG #
AAA330688

REACTIVITY
Human

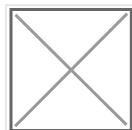
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tapasin-related protein (TAPBPL) ELISA Kit has high sensitivity and excellent specificity for detection of Human TAPBPL. No significant cross-reactivity or interference between Human TAPBPL and analogues was observed.
Sequence Length	468
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	50 pg/ml - 800 pg/ml
Sensitivity	< 5pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAPBPL elisa kit	Background: Tapasin, or TAPBP (MIM 601962), 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. Principle of the Assay: Human 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, HRP-Conjugated Human TAPBPL detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157739930
NCBI GeneID	55080
NCBI Accession #	NP_060479
NCBI GenBank Nucleotide #	NP_060479.3
UniProt Accession #	Q9BX59
NCBI Official Full Name	tapasin-related protein
NCBI Official Synonym Full Names	TAP binding protein like
NCBI Official Symbol	TAPBPL
NCBI Official Synonym Symbols	TAPBPR; TAPBP-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_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.