

Human TOM1-Like Protein 2 (TOM1L2) ELISA Kit | TOM1L2 elisa kit

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CATALOG #
AAA31483

REACTIVITY
Human

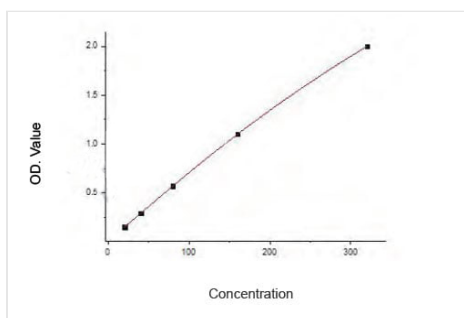
PRODUCT SYNONYMS

TOM1-Like Protein 2 (TOM1L2); Human TOM1-Like Protein 2 (TOM1L2) ELISA Kit; TOM1L2; FLJ32746; target of myb1-like 2; TOM1L2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human TOM1-like protein 2 (TOM1L2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TOM1L2. No significant cross-reactivity or interference between Human TOM1L2 and analogues was observed.
Sequence Length	507
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	20 pg/mL - 320 pg/mL
Sensitivity	< 1pg/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 TOM1L2 elisa kit	Background: The N-terminal domain of TOM1 shares sequence similarity with the N-terminal domains of human HGS, human STAM, and yeast VPS27, all of which are proteins associated with vesicular trafficking at the endosome. By searching sequence databases using TOM1 as the query, Seroussi et al. (1999) identified TOM1L1 as another protein with an N-terminal domain similar to that of TOM1. The authors assembled the sequences of a group of human TOM1L1 ESTs into a contiguous cDNA encoding a deduced 476-amino acid protein. TOM1L1 shares 37% sequence identity with TOM1; its C-terminal domain is not similar to that of TOM1. Principle of the Assay: Human TOM1-like protein 2 (TOM1L2) ELISA Kit employs a two-site sandwich ELISA to quantitate TOM1L2 in samples. An antibody specific for TOM1L2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TOM1L2 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human TOM1L2 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 TOM1L2 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 #	131888135
NCBI GeneID	146691
NCBI Accession #	NP_001076437
NCBI GenBank Nucleotide #	NP_001076437.1
UniProt Accession #	Q6ZVM7
NCBI Official Full Name	TOM1-like protein 2 isoform 3
NCBI Official Synonym Full Names	target of myb1 like 2 membrane trafficking protein
NCBI Official Symbol	TOM1L2
NCBI Protein Information	TOM1-like protein 2
UniProt Protein Name	TOM1-like protein 2
UniProt Gene Name	TOM1L2

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.