

Human TOM1-like protein 2 (TOM1L2) ELISA Kit | TOM1L2 elisa kit

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CATALOG #
AAA190340

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TOM1L2. No significant cross-reactivity or interference between Human TOM1L2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C

ADDITIONAL INFORMATION

Related Product Information for TOM1L2 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TOM1L2 in Human serum, plasma. 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, a biotin-conjugated antibody specific for TOM1L2 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 TOM1L2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human TOM1-like protein 2 (TOM1L2) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	131888135
NCBI GeneID	146691
NCBI Accession #	NP_001076437
NCBI GenBank Nucleotide #	NM_001082968.1
UniProt Accession #	Q6ZVM7; Q86V61; Q8TDE7; Q96M88; B7Z2L7; B7Z7F4
Molecular Weight	58.2kDa (532aa)

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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/tom1-like-protein-2-tom1l2/190340>