

Human TOM20 (translocase of outer mitochondrial membrane 20 homolog) ELISA Kit | TOM20 elisa kit

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CATALOG # AAA248788	REACTIVITY Human
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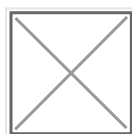
PRODUCT SYNONYMS

TOM20 (translocase of outer mitochondrial membrane 20 homolog); Human TOM20 (translocase of outer mitochondrial membrane 20 homolog) ELISA Kit; TOM20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TOM20. No significant cross-reactivity or interference between TOM20 and analogues was observed.
Sequence Length	145
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TOM20 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TOM20 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TOM20 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TOM20 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TOM20 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TOM20 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TOM20 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	79151393
NCBI GeneID	9804
Molecular Weight	16,298 Da
NCBI Official Full Name	Translocase of outer mitochondrial membrane 20 homolog (yeast)
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 20
NCBI Official Symbol	TOMM20
NCBI Official Synonym Symbols	MAS20; MOM19; TOM20
NCBI Protein Information	mitochondrial import receptor subunit TOM20 homolog
UniProt Protein Name	Mitochondrial import receptor subunit TOM20 homolog
UniProt Gene Name	TOMM20
UniProt Synonym Gene Names	KIAA0016

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://stage.aaabiotech.com/human-elisa-kits/tom20-translocase-of-outer-mitochondrial-membrane-20-homolog/248788>