

Human Mitochondrial import inner membrane translocase subunit Tim8 B (TIMM8B) ELISA Kit | TIMM8B elisa kit

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CATALOG # AAA245644	REACTIVITY Human
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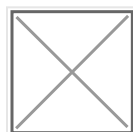
PRODUCT SYNONYMS

Mitochondrial import inner membrane translocase subunit Tim8 B (TIMM8B); Human Mitochondrial import inner membrane translocase subunit Tim8 B (TIMM8B) ELISA Kit; TIMM8B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TIMM8B elisa kit	Intended Uses: This TIMM8B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TIMM8B. This ELISA kit for research use only! Principle of the Assay: TIMM8B ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TIMM8B antibody and an TIMM8B-HRP conjugate. The assay sample and buffer are incubated together with TIMM8B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TIMM8B concentration since TIMM8B from samples and TIMM8B-HRP conjugate compete for the anti-TIMM8B antibody binding site. Since the number of sites is limited, as more sites are occupied by TIMM8B from the sample, fewer sites are left to bind TIMM8B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TIMM8B concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TIMM8B elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	256773260
NCBI GeneID	26521
NCBI Accession #	NP_036591.2
NCBI GenBank Nucleotide #	NM_012459.2
Molecular Weight	9,344 Da
NCBI Official Full Name	mitochondrial import inner membrane translocase subunit Tim8 B
NCBI Official Synonym Full Names	translocase of inner mitochondrial membrane 8 homolog B (yeast)
NCBI Official Symbol	TIMM8B
NCBI Official Synonym Symbols	DDP2; TIM8B
NCBI Protein Information	mitochondrial import inner membrane translocase subunit Tim8 B; DDP-like protein; deafness dystonia protein 2
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit Tim8 B
UniProt Gene Name	TIMM8B
UniProt Synonym Gene Names	DDP2; DDPL; TIM8B
UniProt Entry Name	TIM8B_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mitochondrial-import-inner-membrane-translocase-subunit-tim8-b-timm8b/245644>