

Human Thrombopoietin ELISA Kit | THPO elisa kit

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CATALOG #
AAA196018

REACTIVITY
Human

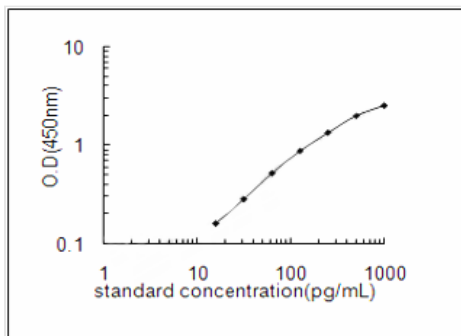
PRODUCT SYNONYMS

Thrombopoietin; Human Thrombopoietin ELISA Kit; C-mpl ligand; ML; Megakaryocyte colony-stimulating factor; Megakaryocyte growth and development factor; MGDF; Myeloproliferative leukemia virus oncogene ligand; THPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Thrombopoietin. No significant cross-reactivity or interference was observed.
Sequence Length	353
Assay Type	Sandwich
Detection Range	15.6-1000 pg/mL
Sensitivity	11pg/mL
Intra-Assay CV	<=5.6%
Inter-Assay CV	<=10.2%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THPO elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Thrombopoietin concentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Thrombopoietin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Thrombopoietin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Thrombopoietin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Thrombopoietin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507493
NCBI GeneID	7066
NCBI Accession #	NP_000451.1
NCBI GenBank Nucleotide #	NM_000460.3
UniProt Accession #	P40225; Q13020; Q15790; Q15791; Q15792; A1L3Y0; B7ZLR8; B9EGA8
Molecular Weight	33,604 Da
NCBI Official Full Name	thrombopoietin isoform 1
NCBI Official Synonym Full Names	thrombopoietin
NCBI Official Symbol	THPO
NCBI Official Synonym Symbols	ML; TPO; MGDF; MKCSF; MPLLG; THCYT1
NCBI Protein Information	thrombopoietin
UniProt Protein Name	Thrombopoietin
UniProt Gene Name	THPO
UniProt Synonym Gene Names	MGDF; ML; MGDF
UniProt Entry Name	TPO_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/thpo-human-elisa-kits/thrombopoietin/196018>