

Rat Thrombopoietin, TPO ELISA Kit | TPO elisa kit

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CATALOG #
AAA42818

REACTIVITY
Rat

PRODUCT SYNONYMS

Thrombopoietin; TPO; Rat Thrombopoietin; TPO ELISA Kit; TPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	353
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7ng/L - 2000ng/L
Sensitivity	3.85ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPO elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Thrombopoietin (also known as TPO) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat TPO antibody. TPO present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat TPO Antibody is added and binds to TPO in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TPO antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat TPO. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	914226
NCBI GeneID	7066
UniProt Accession #	P40225; Q13020; Q15790; Q15791; Q15792; A1L3Y0; B7ZLR8; B9EGA8
Molecular Weight	37,387 Da
NCBI Official Full Name	thrombopoietin
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

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/rat-elisa-kits/thrombopoietin-tpo/42818>