

Human TPO (Thrombopoietin) CLIA Kit | TPO clia kit

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CATALOG #
AAA171334

REACTIVITY
Human

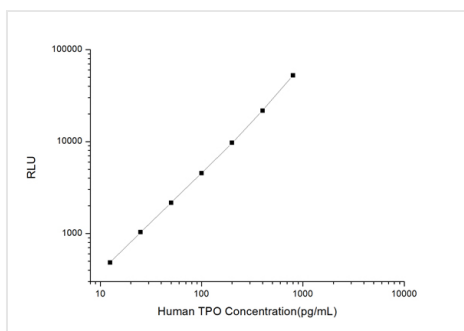
PRODUCT SYNONYMS

TPO (Thrombopoietin); Human TPO (Thrombopoietin) CLIA Kit; TPO clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant TPO. No significant cross-reactivity or interference between TPO and analogues was observed.
Sequence Length	353
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	Min: 7.5pg/mL; Max: 800pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPO clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of TPO concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to TPO. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TPO and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TPO, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of TPO. You can calculate the concentration of TPO in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	586798208
NCBI GeneID	7066
NCBI Accession #	NP_001276927.1
NCBI GenBank Nucleotide #	NM_001289998.1
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/human-clia-kits/tpo-thrombopoietin/171334>