

Mouse Thrombopoietin Receptor antibody ELISA Kit | TPORAb elisa kit

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CATALOG #
AAA82146

REACTIVITY
Mouse

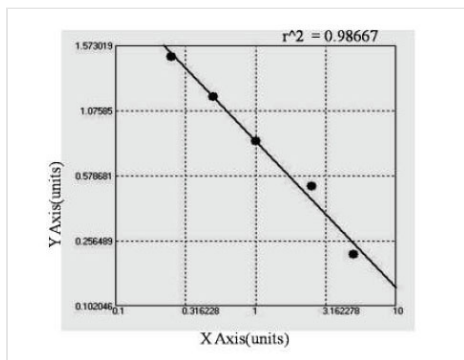
PRODUCT SYNONYMS

Thrombopoietin Receptor antibody; Mouse Thrombopoietin Receptor antibody ELISA Kit; TPORAb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPORAb elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This Anti-TPOR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Anti-TPOR. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY Anti-TPOR ELISA kit applies the competitive enzyme immunoassay technique utilizing Thrombopoietin Receptor antigen and an Anti-TPOR-HRP conjugate. The assay sample and buffer are incubated together with Anti-TPOR-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 Anti-TPOR concentration since Anti-TPOR from samples and Anti-TPOR-HRP conjugate compete for the Thrombopoietin Receptor antigen binding site. Since the number of sites is limited, as more sites are occupied by Anti-TPOR from the sample, fewer sites are left to bind Anti-TPOR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-TPOR concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TPORAb elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885491
NCBI GeneID	4352
NCBI Accession #	NP_005364.1
NCBI GenBank Nucleotide #	NM_005373.2
Molecular Weight	65,521 Da
NCBI Official Full Name	thrombopoietin receptor
NCBI Official Synonym Full Names	MPL proto-oncogene, thrombopoietin receptor
NCBI Official Symbol	MPL
NCBI Official Synonym Symbols	MPLV; TPOR; C-MPL; CD110; THCYT2
NCBI Protein Information	thrombopoietin receptor; TPO-R; proto-oncogene c-Mpl; myeloproliferative leukemia protein; myeloproliferative leukemia virus oncogene
UniProt Protein Name	Thrombopoietin receptor
UniProt Gene Name	MPL
UniProt Synonym Gene Names	TPOR; TPO-R
UniProt Entry Name	TPOR_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/tporab-mouse-elisa-kits/thrombopoietin-receptor-antibody/82146>