

Mouse CD142 ELISA Kit | F3 elisa kit

Mouse CD142 ELISA Kit

CATALOG # AAA261696	REACTIVITY Mouse	APPLICATIONS ELISA
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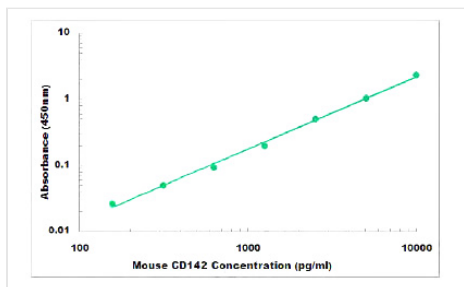
PRODUCT SYNONYMS

CD142; Mouse CD142 ELISA Kit; Tissue factor; TF; Coagulation factor III; Thromboplastin; F3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CD142 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD142 proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	294
Samples	Cell Culture Supernatants, Serum, Plasma, Cell Lysates.
Sensitivity	10 pg/ml.
Applicable Applications for F3 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F3 elisa kit	Principle of the Assay The Mouse CD142 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD142 in Cell Culture Supernatants, Serum, Plasma, Cell Lysates. This assay employs an antibody specific for Mouse CD142 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD142 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD142 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD142 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Tissue factor, also called platelet tissue factor, factor III, thrombokinase, or CD142 is a protein present in sub endothelial tissue and leukocytes necessary for the initiation of thrombin formation from the zymogene prothrombin. Tissue factor gene was mapped to 1pter-p21 by study of somatic cell hybrids with a species-specific sensitive chromogenic assay. This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	135667
NCBI GeneID	14066
UniProt Accession #	P20352
Molecular Weight	32,935 Da
NCBI Official Full Name	Tissue factor
NCBI Official Synonym Full Names	coagulation factor III
NCBI Official Symbol	F3
NCBI Official Synonym Symbols	TF; Cf3; Cf-3; CD142; AA409063
NCBI Protein Information	tissue factor
UniProt Protein Name	Tissue factor
UniProt Gene Name	F3
UniProt Synonym Gene Names	Cf-3; Cf3; TF
UniProt Entry Name	TF_MOUSE

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/f3-mouse-elisa-kits/cd142/261696>