

Mouse CKLF-like MARVEL transmembrane domain-containing protein 3 (CMTM3) ELISA Kit | CMTM3 elisa kit

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CATALOG # AAA244565	REACTIVITY Mouse
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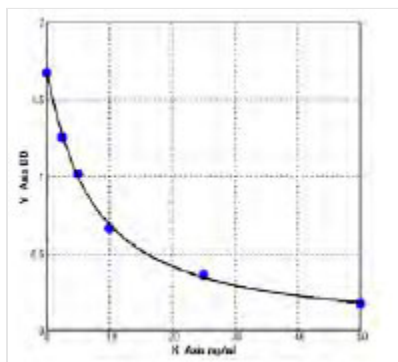
PRODUCT SYNONYMS

CKLF-like MARVEL transmembrane domain-containing protein 3 (CMTM3); Mouse CKLF-like MARVEL transmembrane domain-containing protein 3 (CMTM3) ELISA Kit; CMTM3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CMTM3. No significant cross-reactivity or interference between CMTM3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CMTM3 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CMTM3 elisa kit	Intended Uses: This CMTM3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CMTM3. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CMTM3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CMTM3 antibody and an CMTM3-HRP conjugate. The assay sample and buffer are incubated together with CMTM3-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 CMTM3 concentration since CMTM3 from samples and CMTM3-HRP conjugate compete for the anti-CMTM3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CMTM3 from the sample, fewer sites are left to bind CMTM3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CMTM3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CMTM3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21389401
NCBI GeneID	123920
NCBI Accession #	NP_653202.1
NCBI GenBank Nucleotide #	NM_144601.3
Molecular Weight	6,220 Da
NCBI Official Full Name	CKLF-like MARVEL transmembrane domain-containing protein 3
NCBI Official Synonym Full Names	CKLF-like MARVEL transmembrane domain containing 3
NCBI Official Symbol	CMTM3
NCBI Official Synonym Symbols	BNAS2; CKLFSF3
NCBI Protein Information	CKLF-like MARVEL transmembrane domain-containing protein 3; chemokine-like factor superfamily member 3
UniProt Protein Name	CKLF-like MARVEL transmembrane domain-containing protein 3
UniProt Gene Name	CMTM3
UniProt Synonym Gene Names	CKLFSF3
UniProt Entry Name	CKLF3_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/mouse-elisa-kits/cklf-like-marvel-transmembrane-domain-containing-protein-3-cmtm3/244565>