

Mouse EGF Like Domain Protein, Multiple 7 (EGFL7) RTU ELISA Kit | EGFL7 rtu elisa kit

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CATALOG #
AAA70362

REACTIVITY
Mouse

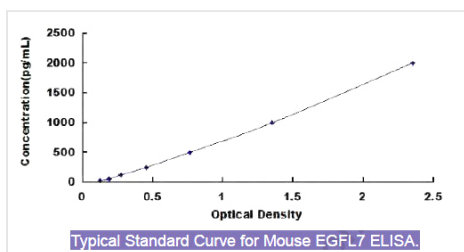
PRODUCT SYNONYMS

EGF Like Domain Protein; Multiple 7 (EGFL7); Mouse EGF Like Domain Protein; Multiple 7 (EGFL7) ELISA Kit; ZNEU1; MEGF7; Zneu1; Vascular endothelial statin; EGF Like Domain Containing 7; Epidermal growth factor-like protein 7; Multiple epidermal growth factor-like domains protein 7; EGFL7 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of EGFL7. No significant cross-reactivity or interference between EGFL7 and analogues was observed.
Sequence Length	278
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	< 15.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EGFL7 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level EGFL7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGFL7 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of EGFL7 in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EGFL7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EGFL7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain EGFL7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of EGFL7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257096020
NCBI GeneID	353156
NCBI Accession #	NP_001158036.1
NCBI GenBank Nucleotide #	NM_001164564.1
UniProt Accession #	Q9QXT5; Q6XD35; Q9DCP5
Molecular Weight	28,305 Da
NCBI Official Full Name	epidermal growth factor-like protein 7 isoform 1
NCBI Official Synonym Full Names	EGF-like domain 7
NCBI Official Symbol	Egfl7
NCBI Official Synonym Symbols	Zneu1; VE-statin
NCBI Protein Information	epidermal growth factor-like protein 7
UniProt Protein Name	Epidermal growth factor-like protein 7
UniProt Gene Name	Egfl7
UniProt Synonym Gene Names	Megf7; EGF-like protein 7; Multiple EGF-like domains protein 7; VE-statin

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-rtu-elisa-kits/egf-like-domain-protein-multiple-7-egfl7/70362>