

Human EGF Like Domain Protein, Multiple 7 (EGFL7) ELISA Kit | EGFL7 elisa kit

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CATALOG #
AAA140454

REACTIVITY
Human

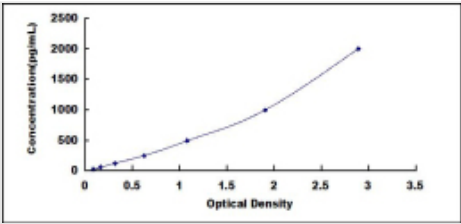
PRODUCT SYNONYMS

EGF Like Domain Protein; Multiple 7 (EGFL7); Human 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 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EGF Like Domain Protein, Multiple 7 (EGFL7). No significant cross-reactivity or interference between EGF Like Domain Protein, Multiple 7 (EGFL7) and analogues was observed.
Sequence Length	273
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	13.1pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level EGF Like Domain Protein, Multiple 7 (EGFL7) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level EGF Like Domain Protein, Multiple 7 (EGFL7) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGFL7 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to EGF Like Domain Protein, Multiple 7 (EGFL7). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to EGF Like Domain Protein, Multiple 7 (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 EGF Like Domain Protein, Multiple 7 (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 EGF Like Domain Protein, Multiple 7 (EGFL7) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for EGFL7 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	41393583
NCBI GeneID	51162
NCBI Accession #	NP_958854.1
NCBI GenBank Nucleotide #	NM_201446.2
UniProt Accession #	Q9UHF1; Q5M7Y5; Q5VUD5; Q96EG0; B3KRP0; M9VTX9
Molecular Weight	29,618 Da
NCBI Official Full Name	epidermal growth factor-like protein 7
NCBI Official Synonym Full Names	EGF-like-domain, multiple 7
NCBI Official Symbol	EGFL7
NCBI Official Synonym Symbols	NEU1; 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
UniProt Entry Name	EGFL7_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.