

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

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

CATALOG #  
**AAA68551**

REACTIVITY  
**Human**

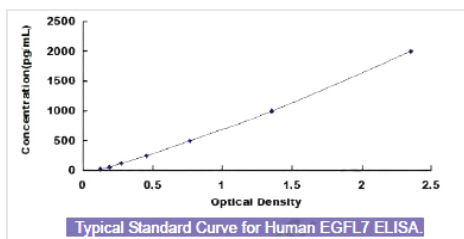
### PRODUCT SYNONYMS

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 EGFL7. No significant cross-reactivity or interference between EGFL7 and analogues was observed.                               |
| Sequence Length       | 273                                                                                                                                                                                                       |
| Samples               | Serum, plasma, tissue homogenates or other biological fluids                                                                                                                                              |
| Assay Type            | Quantitative Sandwich                                                                                                                                                                                     |
| Detection Range       | 31.2-2000pg/mL                                                                                                                                                                                            |
| Sensitivity           | <14.8pg/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% |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for EGFL7 elisa kit | <p>Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of EGFL7 in human serum, plasma, tissue homogenates or other biological fluids.</p> <p>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.</p> |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GI #                        | 7705889                                                                   |
| NCBI GeneID                      | 51162                                                                     |
| NCBI Accession #                 | NP_057299.1                                                               |
| NCBI GenBank Nucleotide #        | NM_016215.4                                                               |
| 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 |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/egf-like-domain-protein-multiple-7-egfl7/68551>