

# Human Vascular Endothelial Growth Factor D ELISA Kit | VEGF-D elisa kit

Human Vascular Endothelial Growth Factor D ELISA Kit

CATALOG #  
**AAA101362**

REACTIVITY  
**Human**

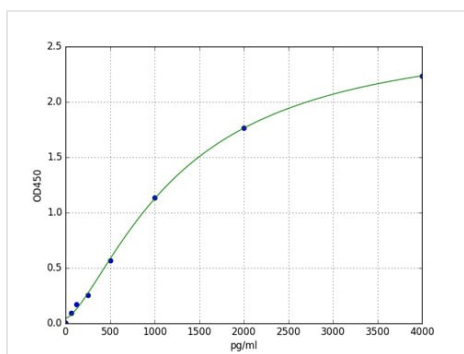
## PRODUCT SYNONYMS

Vascular Endothelial Growth Factor D; Human Vascular Endothelial Growth Factor D ELISA Kit; VEGF-D/FIGF/c-fos induced growth factor (vascular endothelial growth factor D)/vascular endothelial growth factor D/VEGF-DVEGFDc-Fos-induced growth factor/; VEGF-D elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Sequence Length         | 354                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 62.5-4000pg/ml                                                                                                                                               |
| Sensitivity             | 37.5pg/ml                                                                                                                                                    |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

## IMAGES



Standard Curve (Sample)

**Typical Data & Standard Curve**  
Results of a typical standard run of a Human VEGF-D ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

| X | pg/ml | 0     | 62.5  | 125   | 250   | 500   | 1000  | 2000  | 4000  |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Y | OD450 | 0.032 | 0.081 | 0.143 | 0.258 | 0.491 | 0.865 | 1.331 | 1.925 |

Standard Curve (Sample)

## ADDITIONAL INFORMATION

### Related Product Information for VEGF-D elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human VEGF-D antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human VEGF-D antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human VEGF-D amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human VEGF-D can be calculated.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| NCBI GI #                        | 4758378                                                            |
| NCBI GeneID                      | 2277                                                               |
| NCBI Accession #                 | NP_004460.1                                                        |
| NCBI GenBank Nucleotide #        | NM_004469.4                                                        |
| Molecular Weight                 | 40,444 Da                                                          |
| NCBI Official Full Name          | vascular endothelial growth factor D preproprotein                 |
| NCBI Official Synonym Full Names | c-fos induced growth factor (vascular endothelial growth factor D) |
| NCBI Official Symbol             | FIGF                                                               |
| NCBI Official Synonym Symbols    | VEGFD; VEGF-D                                                      |
| NCBI Protein Information         | vascular endothelial growth factor D                               |
| UniProt Protein Name             | Vascular endothelial growth factor D                               |
| UniProt Gene Name                | <b>FIGF</b>                                                        |
| UniProt Synonym Gene Names       | VEGFD; VEGF-D; FIGF                                                |
| UniProt Entry Name               | VEGFD_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/vegf-d-human-elisa-kits/vascular-endothelial-growth-factor-d/101362>